

CULVER CITY ROCK AND MINERAL CLUB
P.O. BOX 3324 Culver City, CA 90231



AUGUST 2016



Monday, August 8, 2016

6:30 pm Executive Meeting

7:30 pm Septarian Concretions from Southwest Utah

Culver City Veterans Memorial Complex, 4117 Overland Avenue, Multi-Purpose Room

August 8 PROGRAM
Septarian Concretions

Septarian Concretions
from Southwest Utah

Join us at our monthly meeting for a presentation by two of our favorite speakers, Dick & Mary Pat Weber, who will talk about septarian concretions from Southwest Utah.

Septarian concretions have been collected from Utah as mineral specimens and lapidary material for more than 100 years. They are prized for their bright yellow calcite and aragonite crystals, standing in sharp



contrast to the gray limestone matrix. In recent years this material has become popular for carvings and free-form jewelry.

Dick Weber holds a master's degree in Sedimentry

Petrology from the University of Minnesota and worked as an exploration geologist throughout the United States. He began collecting septarians in 1978 and will bring specimens from his personal collection of both rough and polished material.

ANNUAL PICNIC & SILENT AUCTION
Saturday, August 13, 10 am - 4 pm

With the summer heat bearing down on us, it is great to know that at least the forecast for August 13 calls for lower temperatures at Lindberg Park where we will get together for great food, good conversation, and a super fun Silent Auction.

The Club supplies charcoal, hot dogs, hamburgers, buns, water, and utensils. Please bring a salad, side dish, fruit/veggies, or a dessert to share. Bring whatever non-alcoholic beverage you would like to enjoy.

Please bring an item(s) to contribute to the Silent Auction - rough, slabs, cut and polished rocks, books, jewelry, tools or supplies - are all welcome additions. If you haven't been to one of our Silent Auctions, you are in for a treat. Come join us!



PRESIDENT'S MESSAGE

Hello fellow Club Members and rock hounds.

We hope everyone is having a great summer and taking the opportunity to vacation with friends and family and get out into the open lands. Apropos to the wide open yonder, I hope everyone concerned about the continuing closing off of public lands in the West has read the compromise reached in the new National Monuments that will allow rock hounding for at least the foreseeable future. The CulverCityRocks.org website highlights the CFMS's work with Senator Feinstein and has links to other mineral clubs and societies' work on messaging the continuing threats to our open lands access.

Thanks to all who continue this important message and help keep us aware that there are still wild public lands out there that are not as protected as we assume.

Our annual picnic quickly approaches on August 13 at Lindbergh Park at 5041 Rhoda Way in Culver City. Besides the opportunity to feast on hotdogs, hamburgers and Club members potluck contributions of salads, side dishes and drinks—we'll conduct a fabulous silent auction with everyone's personal donations of samples, specimens, and tools. Don't forget to select at least one item to bring to the picnic auction. This is one of the most fun events of the year and gives everyone a chance to visit with friends and colleagues as well as bid for newfound treasures at the best prices anywhere! We have had some phenomenal donations this year, much of which will be on display for bidding.

Again, a big cheer for the Club and the job well done on the annual Fiesta of Gems and raffle fund raising by members and our friends visiting the show.

And speaking of shows, don't miss the ongoing meteorite display that will reach a great crescendo over the next few weeks. 2016 is a great year for the Perseid meteor shower (Earth's orbit sweeps through a denser patch of Comet Swift-Tuttle debris this year). Watch on the mornings of August 11, 12 and 13, in the hours before dawn. Up to 50 meteorites per hour should be visible in our northern latitude. Both Mercury and

Venus are visible low on the horizon immediately at sunset at end of July and early August. Jupiter, Mars, and Saturn are all bright in the evening sky most of the summer.

Enjoy the rest of a great summer.

Darrell Robb
President

FEDERATION REPORT

Getting Rockhounding Noticed as a National Recreational Hobby

As you know, high on our list of concerns is the sustainability of our hobby on the issue of our collecting areas. Given our very positive experience this Spring in our relationship with the U.S. Department of the Interior at the state and local levels, another opportunity has opened up to give voice to the Rockhounds on behalf of our collecting sites and our hobby.

There will be ongoing ways to become more involved in helping each other make history in our project of getting our hobby noticed as a national recreational hobby. In doing so we have a much better chance of keeping the collecting sites open. Our experience has shown us that good will and preparedness allows for smoother organization and planning when working with government agencies.

We want to truly thank all the Club members who took the time to attend the Desert Advisory Committee field trip meeting in Barstow this Spring. You were a beautiful example of how easy it is to meet and greet our public land officials with everyone involved going home with smiles on their faces and looking forward to working together.

If you feel inclined and we hope you are, there are two bills of legislation recently introduced which are researching economic impacts of recreation, and we'd like Rockhounds and Rockhounding to be included in this project. All you need to do is send them an email asking them to please include the hobby of Rockhounding in their research of economic impacts of recreation, and mention a little history about your society. Most societies have an explanation of their

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FEDERATION REPORT continued

purpose and history on their webpage or bulletin, and that that would be a wonderful introduction to use. Please also send a copy of your correspondence to canatmonuments@amlands.org so we keep a history of our efforts. Thank you!

This link will take you to the summary and text of the Senate bill:
<https://www.congress.gov/bill/114th-congress/senate-bill/2219>

This link will take you to the summary and text of the bill before the House of Representatives:
<https://www.congress.gov/bill/114th-congress/house-bill/4665>

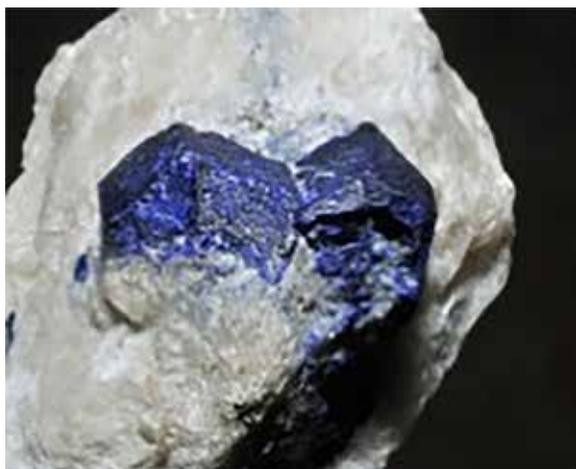
Rick Shaffer
Federation Chair

MINERAL REPORT

Lazurite

Lazurite was first described in 1890 in Afghanistan. It has been mined for over 6,000 years and used as a pigment since at least the seventh century AD.

Localities within the United States include the San Gabriel Mountains in California, the Green River Formation in Wyoming, Big Rock Quarry in



Arkansas, and several locations in northern New York. It can also be found in Canada, Italy, Myanmar, and Siberia. It occurs in regions of contact metamorphism of limestone.

Lazurite is a feldspathoid, meaning that it is a tectosilicate (or framework silicate), which describes the geometry of its silicate tetrahedra. In lazurite, there is substitution of sulfate, sulfur, and chloride in the tetrahedra. It is in the isometric crystal system, with the H-M symbol 4-bar 3 m. It is usually massive, with rare well-formed dodecahedral or cubic crystals.

Lazurite forms the bulk of lapis lazuli, most often appearing alongside calcite, sodalite, and pyrite. It is also commonly associated with diopside, humite, forsterite, hauyne, and muscovite mica.

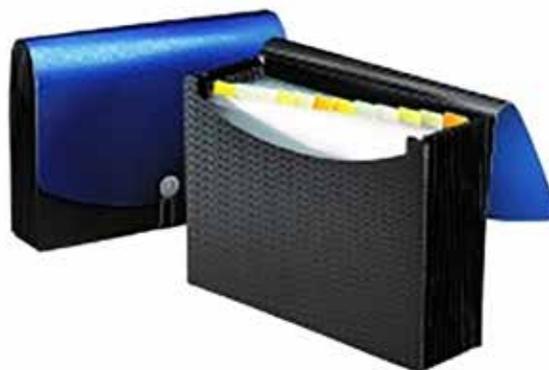
Its color ranges from deep to greenish blue, due to the presence of the trisulfur radical anion. It may be easily confused with azurite, a carbonate mineral, and lazulite, a phosphate mineral, due to their coloration but their other properties make the minerals easy to differentiate. Lazurite has a Mohs hardness of 5, with a specific gravity of 2.4. It is soluble in HCl and has imperfect cleavage in one direction. It has a vitreous luster and is brittle. Its streak is bright blue, which is one method by which it may be distinguished from hauyne, which typically has a white/pale blue streak.

Minda Moe
Mineral Chair

BENCH TIPS

Sheet & Wire Storage

The more you work with jewelry, the more problems you have finding the piece of metal you need. My pieces of sheet were generally stored in various plastic bags, and the wire was in separate coils. Few were marked, so it often took me a while to locate that piece of 26 ga fine sheet I bought last year,



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BENCH TIPS continued

especially since I usually take my supplies back and forth to classes.

A tip from a friend helped me organize everything. I bought an expanding file folder from the office supplies store (the kind that has 13 slots and a folding cover) and marked the tabs for each gauge of metal I use. Then I marked all my pieces of sheet with their gauge, put them in plastic bags, marked the gauge on the bag, and popped them into the folder. I usually store coils of wire loose in the folder, but they can also be bagged if you prefer. I use one tab for bezel wire and one for the odd, miscellaneous items.

The resulting folder is really convenient when I want to take my metal out to a class or workshop, and it's colorful enough for me to easily find in the clutter of the shop!

Little Balls

I often use little balls of silver and gold as accent pieces on my designs. They can be made as needed from pieces of scrap. Cut the scrap into little pieces, put them on a solder pad and melt them with a torch. Then throw the balls into a small cup of pickle.

If you need to make all the balls the same size, you need the same amount of metal to melt each time. The best way to do that is to clip equal lengths of wire.



But there's an easier way to get a good supply of balls. Some casting grain comes in near perfect ball form. Just grab your tweezers and pick out the ones you need. When you need larger quantities of balls, pour the casting grain out onto a baking pan, tilt the

pan a bit, and let all the round pieces roll to the bottom. Bag the good ones, and pour the rest back into



your bag for casting. Balls can be sorted into different sizes using multiple screens.

Excerpted from "Bench Tips for Jewelry Makers" by Brad Smith

SHOP NEWS

Shop schedule

Check our website, www.culvercityrocks.org, for scheduled open time and last minute information, or call the shop (310-836-4611) after the scheduled opening time to confirm that an instructor has arrived.

Cooperative enterprise

The Club Lapidary Shop is run as a cooperative enterprise, not a tool rental, Maker Shed, or other fee for service business. All Shop income is spent on acquisition or replacement of tools and equipment plus utilities and repairs. In practice, this means that every user is responsible for the smooth working, safety, maintenance, and cost of keeping the Shop in operation. No one is a paid employee. The Shop instructors are volunteers.

Fees

The fees for shop use are based on what expense is involved in maintaining the building and grounds, repairing and replacing worn-out or broken tools and equipment, purchasing of new equipment and sup-

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SHOP NEWS continued

plies. Annual cost reviews are used to establish Shop fees.

Who cleans-up

As a cooperative enterprise there is no dedicated clean-up crew. Everyone who uses the Shop is expected to clean-up after themselves and others. Shirkers will be reminded of their duty. Repeated shirkers will be warned that their Shop privileges are in jeopardy. Continued shirking of clean-up will result in loss of Shop privileges.

What if I break something

If you were instructed in the use of the tool or equipment by an instructor and you promptly report the problem (very important for the safety of others) you normally have no liability. If you have not been instructed in the use of the equipment, you may be liable for the cost of repairs. In general, you will be in more trouble for not reporting damage than reporting it. Special note for the rock-saws: the saws have multiple modifications from their as-manufactured state. Please do not disassemble or change the oil level without instruction from one of the instructors who is familiar with our saws.

Parking

Limited parking in back of the shop is open for use. Park on the asphalt, off the alley concrete to avoid a parking citation. Please respect the space reserved for the shop instructor next to the paddle-tennis court. Additional parking is available in front of the Scout House.

On behalf of the Shop Committee
Bruce Mensinger

**PROGRAM REPORT
July 11**

Ken Rogers introduced July’s guest speaker, Jean-Noel Soni, a gem stone cutter and facet artist. Jean explained that his interest in gem cutting started when he took a jewelry making class. He now actively buys and sells stones. Jean discussed his approach to cutting stones, and how he considers processes and

machinery to bring forth the beauty and uniqueness of a stone when faceting it. He answered several questions and displayed numerous specimens from his collection such as garnets, zircons, spinels, tourmalines, aquamarines and beryl, from places such as



Jean-Noel showing precious gems

Nigeria, Pakistan, Mozambique, Brazil and the US.

All in all, this was a very colorful presentation with high quality gems in every hue.

Submitted by Ana Maria S. Guimaraes

**MINUTES of the EXECUTIVE MEETING
July 11**

Those present: Steve Dover, Franne Einberg, Felice Ganz, Ana Maria Guimaraes, Bruce Mensinger, Janice Metz, Ken Rogers, Leda Rogers, Darrell Robb, Grace Sato, Mary Ellen Shaffer, Rick Shaffer, Brad Smith, Jette Sorensen, Joyce Watanabe,

The Meeting was called to order at 6:42 pm by president Darrell Robb.

- The June executive meeting meeting minutes published in the July Nugget were approved as read.
- Fiesta of Gems Discussion and lessons learned:

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EXECUTIVE BOARD MEETING continued

- Darrell Robb thanked the officers for their help and support during the show.
- Steve Dover indicated that only half of the display cases had been used by members and that there was a need for increased advertisement of the cases for the next show.
- Jette Sorensen mentioned there were no copies of The Nugget at the show and that some donations were not brought from the shop over to the show for the door prize drawings. She suggested a show handbook be created to make sure roles and responsibilities were defined. Ana Guimaraes suggested a checklist be created containing all tasks that need to be completed for the show.
- Bruce Mensinger reported books and magazine sales did well.
- Mary Ellen reminded that the ticket chair was to reward the person who sold the most tickets. She also said a thank you letter should be sent to John Riordan for providing lunch to the volunteers.
- Franne Einberg provided the financial results of the show and reminded officers that a recipient of the raffle ticket sales proceeds needed to be selected.
- There was a discussion about rewarding Mike Murphy for all the help he provided setting up the plants stand.
- Felice Ganz recommended in the future the show is not scheduled concurrently with another event at the auditorium.
- Brad Smith indicated new members signed up at the show and afterwards.
- The need for enhancing security was discussed. Jette Sorensen indicated two bracelets and member forms were taken from one of the classrooms. Leda Rogers reported a suspected shoplifter was identified, monitored and successfully removed from the show. Brad Smith commented more volunteers were needed to help with security. Janice Metz suggested a professional security guard be hired in future shows to support volunteers.
- Janice Metz reported that all advertisement channels appeared to have been effective based on indications about where visitors had learned about the show.
- Darrell Robb indicated the Club's Education Chair had stepped down and a new chair needed to be identified. Jette Sorensen suggested to review the membership forms to identify members who have indicated interest in the chair.

- Jette Sorensen indicated that over 400 emails were returned when she emailed the Nugget. She will ask members to add the Club's email address to their address books.
- Mary Ellen Shaffer reminded that access to the Club's safety deposit box needed to be transferred to the correct officers per the bylaws. She also reminded that the treasurer was to provide a copy of the monthly treasurer report to the president and the secretary for filing.
- Rick Shaffer reported that per the Bureau of Land Management rockhounding would be allowed at the Mojave Trails National Monument until 2018.
- Ken Rogers indicated monthly programs had been secured through January, except for October.

The meeting was adjourned at 7:32 pm.

Submitted by Ana Maria S. Guimaraes
Recording Secretary

MINUTES of the GENERAL MEETING July 11

The meeting was called to order at 7:40 pm by president Darrell Robb. The Pledge of Allegiance was made and a quorum was established.

- The June general meeting minutes published in the July Nugget were approved as read.
- Darrell Robb commented that the Fiesta of Gems had been a great success. He thanked all those who had volunteered at the show and encouraged more member participation in the future.
- 15 guests were introduced.
- Steve Dover reminded the Club's summer picnic was scheduled on August 13, from 10 am to 4 pm at Lindberg Park.
- Franne Einberg provided the show financial results. Darrell Robb explained that the raffle proceeds are donated to the Culver City community; in the past they have been donated to schools and the Boy Scouts.

The meeting was adjourned at 7:54 pm.

Submitted by Ana Maria S. Guimaraes
Recording Secretary

August/September WORKSHOPS

We are delighted that Anthony Chavez will share his vast knowledge of lapidary and jewelry making in our workshops. Many of our members know Anthony from the jewelry classes he taught for many, many years.

Intarsia Demonstration

On Sunday, August 14, from 10 am to Noon, Anthony will demonstrate how to use a flat lap grinder to shape stone pieces to be used in Intarsia (This technique involves pieces of stone or wood of the same thickness, carefully cut to shape so that they fit together into a design without gaps. Sometimes referred to as inlay, particularly when the pieces are set into a solid background. Stone intarsia is often called *pietre dure*.)

This is not a hands-on workshop, but a precursor of things to come. If there is enough interest, Anthony



will guide a hands-on Intarsia workshop in September.

August 14 – 10 am to Noon –

Intarsia cutting on flat lap demonstration – Instructor: Anthony Chavez

FOCCSH (Scout House) – Fee \$5.00

We are also looking forward to Anthony giving hands-on workshops on many different jewelry techniques, such as riveting and other forms of cold connections. These workshops will be announced in The Nugget in the coming months.



Beginning Lapidary: Make a cabochon!

The popular “Beginning Lapidary” workshops continue to be offered. Learn the steps necessary to take a slab through the process of grinding and polishing to create your own beautiful oval cabochon using machines in the Shop. Slabs provided. Fee: \$19.50

All “Beginning Lapidary” workshops are limited to 3 participants to insure each participant’s access to equipment and individual attention. The workshops are from 9 am to Noon before regular Shop hours. You are welcome to stay beyond Noon, however you will need to pay the posted Shop fees.

August 7 - 9 am to Noon –

*Beginning Lapidary – Instructor: Jette Sorensen.
CCRMC Shop - Full*

August 21 - 9 am to Noon –

*Beginning Lapidary – Instructor: Jette Sorensen.
CCRMC Shop – Full*

September 4 - 9 am to Noon –

*Beginning Lapidary – Instructor: Jette Sorensen.
CCRMC Shop – Fee \$19.50*

September 21- 9 am to Noon –

*Beginning Lapidary – Instructor: Jette Sorensen.
CCRMC Shop – Fee \$19.50*

Reservations

To reserve a spot in any workshop or demonstration, send an email to: workshops@culvercityrocks.org indicating the workshop date you wish to attend. You will receive instructions for pre-paying via PayPal which will confirm your reservation.

Other September workshops will be announced later. If you have a suggestion for a workshop, please send an email to: workshops@culvercityrocks.org

WELCOME NEW MEMBERS

Ricco Ashford - Anthony Cantatore
Daren Cokin - Judy Davis
Marissa Grimes - Scott Hale
Delia Lorenzo - Geri Mellgren-Kerwin
Bonnie Mishelevich - Chelsea Novalle
Henry Runge - Oceana Runge
Lisa Steph - Patrick Warfel



AUGUST BIRTHDAYS



Barbara Fier	1-Aug
Theresa Brooks	2-Aug
Julia D Chase	7-Aug
Traci Anderson	7-Aug
Joyce Watanabe	10-Aug
Minda Moe	10-Aug
Leda Rogers	10-Aug
Charla Gardner	11-Aug
Mike Huwe	16-Aug
Bradford Smith	19-Aug
Marie-Bernadette Angeles	21-Aug
Oceana Runge	24-Aug
Lorraine H. Murphy	26-Aug
Jeannette Hjorth	26-Aug
Artem Kovalev	28-Aug

AUGUST/SEPTEMBER SHOWS

August 5 - 7: NIPOMO, CA
Orcutt Mineral Society
Nipomo High School
525 North Thompson Avenue
Hours: Fri/Sat 10 - 5; Sun 10 - 4
Contact: Wayne W. Mills, (805) 481-3495
Email: wvmills50@hotmail.com
Website: www.omsinc.org

August 13 - 14: SAN FRANCISCO, CA
San Francisco Gem & Mineral Society
San Francisco County Fair Building
9th Avenue & Lincoln Way
Hours: Sat. 10 - 6; Sun. 10 - 5
Contact: Ellen Nott, (415) 564-4230
Email: ellen_nott@yahoo.com
Website: www.sfgemshow.org

77th CFMS Show & Convention "Strike Gold"

September 16 - 18: PLACERVILLE, CA
Hosted by El Dorado County Mineral & Gem Society
El Dorado County Fairgrounds
100 Placerville Drive
Hours: Fri - Sun 10 - 5 daily
Contact: Barbara Terrill, 530 676-2375
Email: info@rockandgemshow.org
Web Site: www.cfms2016show.com

Registration Forms are posted on the Show Web Site; all are due August 1. Lodging List also on the web site. www.eldoradomineralandgem.org/cfms2016show.html

The CFMS shows are always great, and combined with the El Dorado County Mineral & Gem Society, we expect it will be phenomenal.

Placerville is a great little town with loads of antique shops and lots of restaurants. It is in the middle of the old gold rush country and you'll step back in time when you visit Hangtown and the Gold Bug Mine. It's a real gold mine from way back then, with both guided and self-guided tours. Explore the Gold Bug and the mining museum. And for more fun, perhaps you can find your riches in the gem panning trough.

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.....www.culvercityrocks.org

Elected Officers for 2016

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

Committee Chairs:

Education - Manon Tree
Federation Director - Rick Shaffer
Field Trips - Open
Librarian - Bruce Mensinger
Membership - Brad Smith
Co-Chair - Leda Rogers
Minerals - Minda Moe
Photography - Bruce Mensinger
Programs - Ken Rogers
Co-Chair - Steve Dover
Publications - Co-Chairs Barbara Fier,
Jan Ferguson, Jette Sorensen
Publicity - Janice Metz
Show - Hellena Jones-Elbling
Co-Chair - Brad Smith
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
Co-Chair - Joyce Watanabe

Board of Directors:

(2016) Steve Dover - Leda Rogers
(2017) Bruce Mensinger - Ana Maria Guimaraes
(2018) Rick Shaffer - Jette Sorensen

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

<http://www.culvercityrocks.org>
www.facebook.com/CCRM
www.twitter.com/culvercityrocks
<https://groups.yahoo.com/neo/groups/CCRM/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 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 Bldg. Auditorium. 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
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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,

see www.culvercityrocks.org/lapshop.htm

Thursday 10 am – 2 pm - Vern Lowe

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

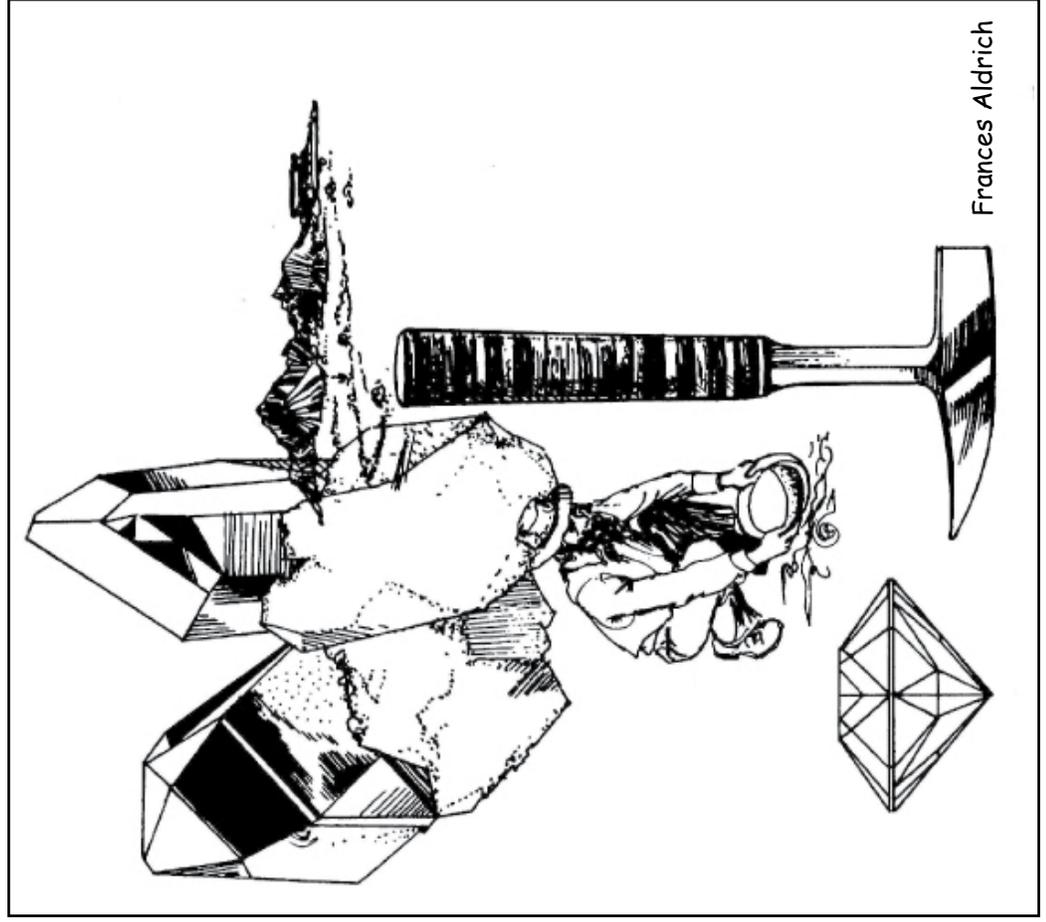
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FIRST CLASS

Address Change Requested

The Nugget
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Culver City, CA 90231

CULVER CITY ROCK & MINERAL CLUB, INC



Frances Aldrich