

## SEARCHERS BOARD OFFICERS

- President: Robin Larzelere
- welcomhomestudio@gmail.com
- 1st VP: Gwen Sharp
- 2nd VP: Steve Duncan
- Director: Kim Strnne
- Secretary: Jenny Rohl
- Treasurer: Sue Gevedon
- Federation Delegate: Nancy Bird
- Committee Chairpersons
- Editor: Linda Horn
- Historian:
- Hospitality: Lorri Renck
- Library: Inez Flaugh
- Veteran Liaison :
- Website: Steve Duncan
- Shop Chairman: Charles Walker
- Show Chair: Margaret Hogarth

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## POINTS OF INTEREST

### FIELD TRIPS

### GENERAL MEETING

### SPEAKERS

# The Rock Slab News

VOLUME 59, ISSUE 4



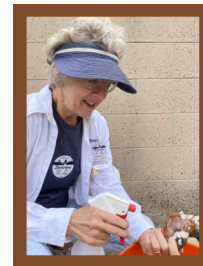
APRIL 2022

## The President's Message

Greetings Searchers,

**The Gallery Show** at the Anaheim Community Center is over, but many people enjoyed seeing the Searchers' creative work!

**Jimmy Peterson** and **Nancy Bird** contributed not just time, but many high-quality pieces that helped fill the 9 cases. **Melissa Meaux** and **Kathy Haas** helped carry props, install artwork, and clean the glass shelves until they sparkled. **Dean Wanless, Victor Wolf, Robert Burson, John Kline, Karen Kremer, Jamie Curtis-Cassidy, Doug and Inez Flaugh, Margaret and Bill Hogarth, Steve and Marcia Duncan, Jim Thorpe, Diana Brantley, and Paul Berg** are the superstars. The City Gallery Director, Denise Durkin, and staff Edgar Torres created the Searchers poster to advertise the show, and we will keep that for future "advertising". The show generated three, new memberships, perhaps more. Many people asked the Center's staff about purchasing the pieces. Hopefully, the people picked up the Searcher Show card on the counter.



**The Clary Family** held a multi-generational rock sale on March 19<sup>th</sup>, organized by Steve Duncan with help from Jimmy Peterson, Charles Walker. The quality of the material was high, most of the items had been collected by **Ray Clary**, his wife, daughters and son. Besides everything the members purchased, the club received a generous donation for the Silent Auction, so if you missed the sale you will have a second chance at the Show. A special thank you to **Celeste Clary** for contacting the club, and helping answer questions during the sale. She knew where all the good pieces were! Celeste and her husband Andy also generously donated a lot of slabs to the VA lapidary shop. **See pictures on page 8.**

From visiting the Nevada Mining and Book Store, and responding to club emails, I can see a large increase in available rock and mineral specimens. This is creating unprecedented supply. It's a great time to get into this hobby. Would you consider bringing a friend to the next Searchers event? or contact a previous member, who has set this hobby aside due to Covid concerns? And consider bringing an interesting item to "show and tell". Show and Tell will be part of the general meetings, going forward.

Sincerely, Robin Larzelere



Check out our "new" Facebook page:

<https://www.facebook.com/groups/564049648337138>

## Searchers Club Meetings and Presenters

Board Meeting- April 5th

Member Meeting- April 12th in the Anaheim Community Center

### Searchers board meeting March 1, 2022 in person at the Anaheim Community Center and via Zoom

The meeting began at 6:30 PM. Robin Larzelere, Charles Walker, Nancy Bird, Sue Gevedon, Margaret Hogarth, Gwen Sharp and Jenny Rohl were in attendance. Steve Duncan was absent.

The board voted to follow State Guidelines mask requirements at Searchers' meetings, and for the Show in April. <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/guidance-for-face-coverings.aspx>

The trailer that was not street legal was disposed of.

The STEAM event Saturday, March 26, 2022 is being organized by John O'Conner. Jamie Cassidy-Curtis is ordering supplies.

Robin Larzelere reported the Gallery Display of Searchers' work will be removed March 24, 2022.

The board voted to add a Show and Tell segment to general meetings, starting with the May meeting.

The CA Federation show is scheduled for the week after the Searchers show in Palmdale at the Fairgrounds.

Director: Kim Strange has resigned by email, effective Feb. 1, 2022.

Margaret sent out a Feb. 25, 2022 update on show meeting dates and volunteer opportunities.

Shop Chair Report by Charles Walker: Diamond Slab Saw in Workshop is being repaired. Flat Lap is due to the club by March 1. New pumps and bubblers are being ordered. Johnson Brothers air pump order. Good pumps help preserve the Genie wheels. Genie grinding wheels are being looked at. Cost of replacing them and point of contact for best price is to be determined. May need additional volunteer in Shop.

Board approved to raffle the small trim saw.

The board suggested the tumbler in the Workshop storage be raffled off at the next general meeting.

### Searchers Member Meeting- March 8, 2022 in person at the Anaheim Community Center

The meeting began at 7:00 PM.

Last year's board members were recognized with pins for their service.

Volunteers appreciated: Jim Thorpe, Kent Goodman and Anna Kazlauskien for helping with the workshop, Mike Gevedon for getting the repair done to the saw for free, Steve Duncan for working the large rock sale.

Share and Tell: Next month we will have a share and tell at the general meeting. Bring a project or special rock to the meeting to present to the attendees for 3 minutes.

STEAM event: John Connor will be volunteering to lead this event, Saturday, March 26th, from 11 AM – 2 PM at the Anaheim Central Library. We will be making rings like we have in the past.

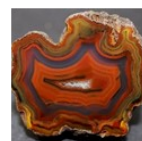
Gallery: The display will be taken down on March 24.

Show: We need people to tumble rocks and donate prizes for the show. There is an exhibit case available for members. We also need volunteers to help with setting up, running and tearing down the show.

The meeting was adjourned at 8:45 PM.

Our speaker for the evening was Luis de Los Santos. He was born and raised in Argentina where he began collecting fossils as a child. From there he began to collect and sell agates. He is an actor in his home country of Argentina.

Luis took us on a tour of Argentina to see where agates are found. They are found all over the country in a variety of habitats. Most are found loose in the soil. Some in the North are found in river gravels being carried along the rivers from as far away as Brazil. Luis brought a large selection of his fabulous agates for us to see in person. He also brought along a shortwave UV light to show the bright green fluorescence of some of the agates.



## Searcher News

### April Speaker: Walt Lombardo

#### Diamonds in America

**Walter Lombardo** is a geologist with more than 35 years experience in mineralogy, mining and mineral exploration. He worked for American Borate Company in Death Valley (Billie Mine), for Cyprus Minerals Company in the California Mother Lode (gold), and several small exploration companies in the Southwestern U.S (gold). For sixteen years he managed the Southern Nevada Office of the Nevada Division of Minerals. And before retiring from the industry, he was a project manager for a company involved in worldwide exploration for uranium, gallium and germanium.

Walter is the owner of Nevada Mineral & Book Company, a natural history gallery and earth science bookstore located in Orange, California. He has lectured nationwide on topics related to mineral resources, mining & mining fraud, mineralogy and gemology.

#### Diamonds in North America

Diamonds are found in a variety of rock types and from a wide range of geologic ages throughout the world. Recent advances in the geology of diamonds has led to the discovery of many new diamond fields. These discoveries have led to Canada becoming one of the world's leading diamond producers. Several diamond-bearing areas are known in the United States, and more are suspected. This talk will cover the geology of diamond host rocks, diamond indicator mineralogy, areas of known diamond fields, and areas of future potential (including California).



#### Saw Oil Available

The club supplies saw oil at a good price. It is located at Jim Peterson's home. Bring your own 5 gallon container. The cost is \$60 for 5 gallons. Call 714 904-8573 and make a check payable to "Searchers"



## Upcoming Fields Trips

### April 9th to 10th Trilobites + Chapenite

The April Field Trip is planned for **April 9 and 10**. Saturday will be digging for Chapenite at Siam Siding, and Sunday will be a half-day collecting trilobites near camp. The camp location is off of Cadiz Rd, near Chamblis CA. To get to the campsite you will take I40 East to the Ludlow exit, go right at the end of the exit, and take the first left onto Nat'l Trails Hwy (old route 66). Continue east on Nat'l Trails Hwy, past Amboy to Chambliss, then turn right onto Cadiz Rd. Cadiz Rd swings in a wide left turn, followed by a right turn over the train tracks. The (left) turn to the campsite is BEFORE the turn towards the tracks. There will be a Searchers sign marking this turn-off onto a dirt road. If you cross the tracks you have gone too far. The campsite is only a short distance off of the paved road. We will have a fire on Sat night and a potluck for those who wish to participate. The camp is a dry camp, with no facilities of any kind. Bring everything you need, don't forget lots of water, sunscreen, hats, and rock tools, and gloves. A passenger car can make it to camp if driven carefully, for the collecting sites high clearance vehicles are preferred, and 4x4 is the cat's meow.

We have found in the past that the Siam Siding collecting works best if we form small digging teams that then share their findings, as you need to dig large holes. You will need shovels, and maybe a bucket to move sand away so it doesn't slip back in your hole.

For trilobite collecting there are several locations near each other, some easy to get to, some involving some scrambling on loose shale. The collecting sites are only a short distance from camp, without 4x4 you will stop earlier and walk a little further, aggressive 4x4 drivers can get very near to the sites. A small shovel comes in handy here also, as we will be looking for fossils in shale, and will need to clear out the non-fossil bearing material to allow us to keep working the hole. Here also small digging teams are the way to go.

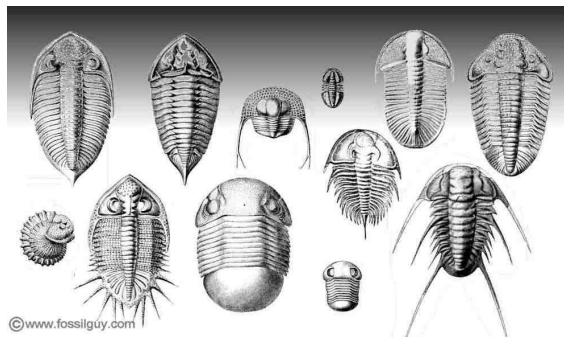
Both of these sites can get very hot in April, some sort of shade generator is a good idea, large umbrellas work great, small pop-up canopies also work well, but are a bit more awkward to move around.

The Sat trip will leave from camp at 0830. We will not be returning to camp for lunch, so you will want to bring your lunch. Sunday's trip leaves at 0800.

One note about getting to the campsite, the last time I was there, Nat'l Trails Hwy was closed just past Chambliss, and in fact, the road was blocked to through traffic before Chambliss and required you to drive past the barricade to get to Cadiz Rd. Just an FYI.

I (Steve Duncan) will lead this trip, if you have any questions about it please contact me.

714 724 7102 [mrsteveduncan2@gmail.com](mailto:mrsteveduncan2@gmail.com)



## Upcoming Fields Trips

### May

May trip is tentatively planned for May 14 and 15 at Lavic Siding Saturday and the Cady Mountains Sunday.

The Saturday portion at Lavic is specifically aimed at new or non-members that we recruit at the show. We will need some experienced rockhounds to join us, and we will try to pair up newbies with experienced rockhounds for educational purposes.

Sunday we can choose some Cady sites.

I will lead this trip, maybe I will wrangle a co-leader for the Cady's part. More details to come.

### June

Too hot.

Monthly Field trips should resume in September. We may look for a hot weather trip sometime during the summer. There are rumblings about a Utah/Idaho/Oregon trip?

## Trilobite

fossil arthropod *Alternate titles: Trilobitomorpha*

**trilobite**, any member of a group of extinct [fossil](#) arthropods easily recognized by their distinctive three-lobed, three-segmented form. Trilobites, exclusively marine animals, first appeared at the beginning of the [Cambrian Period](#), about 542 million years ago, when they dominated the seas. Although they became less [abundant](#) in succeeding geologic periods, a few forms persisted into the [Permian Period](#), which ended about 251 million years ago.

Because trilobites appear fully developed in the Cambrian Period, it appears likely that the ancestral trilobites originated during the [Ediacaran Period](#) (630 million to 542 million years ago) of [Precambrian](#) times. An organism that may be ancestral to the trilobites, as well as to other arthropods, may be represented by [Spriggina](#), which is known from Precambrian shallow-water marine deposits in Australia. Trilobites are frequently used for stratigraphic correlations.

Trilobites had three body lobes, two of which lay on each side of a longitudinal axial lobe. The trilobite body was segmented and divided into three regions from head to tail: the cephalon, or head region, separated from the [thorax](#), which was followed in turn by the pygidium, or tail region. Trilobites, like other arthropods, had an external skeleton, called [exoskeleton](#), composed of chitinous material. For the [animal](#) to grow, the exoskeleton had to be shed, and shed trilobite exoskeletons, or portions of them, are fossils that are relatively common.

Each trilobite body segment bore a pair of jointed appendages. The forwardmost appendages were modified into sense and feeding organs. Most trilobites had a pair of [compound](#) eyes; some of them, however, were eyeless.

Some trilobites were active predators, whereas others were scavengers, and still others probably ate [plankton](#). Some trilobites grew to large size; *Paradoxides harlani*, which has been found near Boston in rocks of the Middle Cambrian Epoch (521 million to 501 million years ago), grew to be more than 45 cm (18 inches) in length and may have weighed as much as 4.5 kg (10 pounds). Others were small.

<https://www.britannica.com/animal/trilobite>

For field trip  
information  
contact: Steve  
Duncan  
mrsteveduncan  
2@gmail.com  
714 724-7102



## Trip Report March Chuckwalla Springs

The Searchers held a Field trip to the Chuckwalla Mts. We had quite a good turnout for a rough road trip with gas prices being horrible. 12 Searchers attended. Andrew easily won the prize for the longest distance traveled, flying in from Virginia for the trip. Now that's a dedicated rockhound.

The Chuckwallas lived up to their reputation for rough roads. A jeep got two flat tires at one time, luckily there were other jeeps in the convoy who could lend a second spare, so after changing 2 tires we kept going. A truck managed to straddle a boulder so that moving forward would contact the frame, and moving back would contact the frame. We got it out by building a ramp so the truck could elevate over it. And a truck got stuck in the sand on the edge of a precipice, Andrew helped reverse it out while Bob yanked it with a tow strap. All this was in addition to the known difficult spots where we had to build upon some rock ramps and go over some large rocks.

So the driving was exciting. The benefit of this tough driving was the opportunity to see some pristine country. The collecting was good with lots of small agate nodules and some seam agate. We were looking for green moss agate, and found some possibles, only cutting will tell if they are nice or not. And I understand that Andrew found a fire agate that actually had some fire on Sunday.

Friday and Saturday we had some visitors as we sat around the campfire, with the local family of kit foxes coming to visit both nights. The adult fox came over to check us out, stopping maybe 15 feet from us. Very cool.

Saturday's potluck was good as usual, with enough food to feed a small army.

All in all, another successful Searchers trip. If you are a Searcher, and not joining us on field trips you are missing one of the best club benefits. Field trips will teach you a lot about rocks, and rockhounding, besides getting away from the city is good for your soul. And just a reminder, non-Searchers are welcome on field trips too, you just need to sign a waiver like everyone else. For those who are uncertain about what all field trips involve there is a short write up on our website [Field trip info](#)







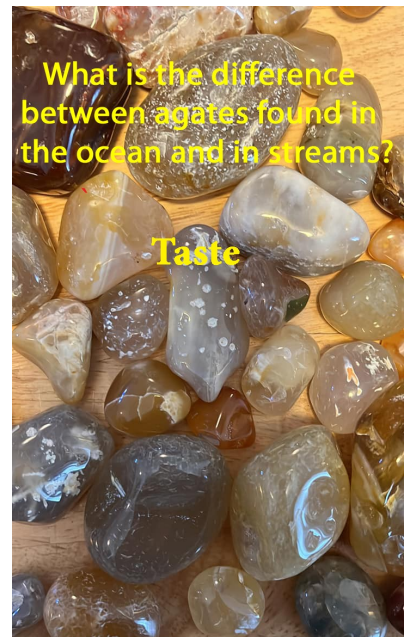
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## Clary family Rock Sale



## Some Rock Laughs

**SELF CONTROL**  
/self kən 'trəʊl/  
noun.  
1. Only bringing home 10 rocks when you could have brought home at least 1000.



What is the difference between agates found in the ocean and in streams?

Taste





## April Show News

Our show is just around the corner and our extraordinary Show Committee is hard at work making arrangements.

Here are some things we are working on:

Organizing Silent Auction materials and raffle prizes (Steve plus many helpers)

Making dinosaur eggs for our (new this year!) goodie bags for children

Prepping goodie bags and their contents (JoAnn)

Gathering ring making supplies

Organizing door prizes and prizes for grab bags and Wheel of Fortune

Distribution of show fliers

Tumbling materials for grab bags

Booking a truck to move show materials and tables

Insurance and business permits

Signage and branding

How can you help? Be sure to sign up to help set up, work at the show, and take down. It takes a village to make our show, our main source of income for our non-profit club, a fabulous success.

If you can't make it to meetings or the workshop, watch for email requests for volunteer signups. Be sure to post show information on your social media. Invite your friends and relatives. It's so much fun to help people enjoy rocks and minerals and our hobby, and you will make life-long friends.

Questions? Contact Margaret at [hogarth.m@gmail.com](mailto:hogarth.m@gmail.com), 909-815-3045

### Rock Symbols on Maps

Have you ever wondered what rocks are shown on maps? Here is a handy definitive chart.

From <https://www.nj.gov/dep/seeds/rocksym.htm>

<i>Geologic Rock Symbols</i>	
	Sandstone
	Limestone
	Shale
	Siltstone
	Conglomerate
	Breccia
	Rock Salt
	Dolomite
	Arkose
	Schist
	Folded Schist
	Gneiss
	Foliated Metamorphic Rock
	Granite
	Basalt
	Intrusive Igneous Rock
	Extrusive Igneous Rock
	Basaltic Lava Flows
	Fault
	Contact Zone
	Unconformity

Colors are subjective & change from map to map.

For a more complete listing of shows go to website: [www.cfmsinc.org](http://www.cfmsinc.org)

## Upcoming 2022 CFMS Gem Shows

### 2022 Shows

#### April 1-3, 2022, Vista CA

Vista Gem and Mineral Society  
Vista Gem and Mineral Show  
Antique Gas and Steam Engine Museum,  
2040 N. Santa Fe Ave., Vista, CA 92083  
Hours: April 1 & 2, 10 AM – 5 PM, April 3, 10 AM – 4 PM  
Contact: [info@vistarocks.org](mailto:info@vistarocks.org)  
Website: <https://vistarocks.org>

#### April 9-10, 2022 – Mariposa, CA

Mariposa Gem and Mineral Club  
Mountains of Minerals  
Mariposa County Fairgrounds, 5005 Fairgrounds Road, Mariposa, CA 95338  
Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM  
Contact: [mcmc@sti.net](mailto:mcmc@sti.net)  
Website: <http://mariposagemclub.org>

#### April 9-10, 2022 – Thousand Oaks, CA – CANCELLED

Canejo Gem and Mineral Club  
Borchard Park, 190 N. Reino Rd., Thousand Oaks, CA  
Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM  
Free Admission and Parking  
Contact: [gguttman8@gmail.com](mailto:gguttman8@gmail.com)  
Website: <https://cgamc.org>

#### April 16, 2022 – Lake Elsinore, CA

Lake Elsinore Gem & Mineral Society  
Rock and Craft Show  
32097 Corydon Rd., Lake Elsinore, CA 92530  
Hours: Saturday 10 AM – 4 PM  
Contact: 1 (909) 208-6956, [berylman50@aol.com](mailto:berylman50@aol.com)

#### April 23-24, 2022 – Santa Cruz, CA

Santa Cruz Mineral and Gem Society  
Santa Cruz Civic Auditorium, 307 Church Street, Santa Cruz, CA 95060  
Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 5 PM

#### April 30 – May 1, 2022 – Anaheim, CA

Searchers Gem & Mineral Society  
Brookhurst Community Center, 2271 W. Crescent Ave., Anaheim, CA 92801  
Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4:30 PM  
61st Annual Searchers Mineral, Gem and Jewelry Show  
Fun activities for kids! Free. See rocks, gems, minerals, fossils, rough, slabs, gold panning, door prizes, tools, supplies and exhibits.  
Contact: (909) 815-3045, [searchersgemandmineral@gmail.com](mailto:searchersgemandmineral@gmail.com)  
Website: <https://searchersrocks.org>

#### May 6-7-8, 2022 – Lancaster, CA

##### CFMS Gems, Minerals, Fossils & Jewelry Show

Antelope Valley Fairgrounds, 2551 W Avenue H, Lancaster, CA 93536  
Hours: Friday, Saturday 9 AM - 5 PM, Sunday 9 AM – 4 PM  
Gems, Minerals, Fossils, Jewelry, Demonstrations, Exhibits, Dealers, Kid's and Family Activities. Free parking and Free Admission.  
Contact:  
Bob Backus (661) 526-3564, email: [lbbacus@aol.com](mailto:lbbacus@aol.com)  
Susan Chaisson-Walblom (661) 406-0143, email: [slchaisson@yahoo.com](mailto:slchaisson@yahoo.com)  
More information coming!!

#### May 6-7, 2022 – Yucaipa, CA

Yucaipa Valley Gem and Mineral Society  
Yucaipa Blvd and Adams Street, Yucaipa CA 92399  
Hours: Friday 6 PM – 10 PM, Saturday noon – 10 PM  
The YVGMS annual show features great vendors, geode cracker, kids' activities, raffle, and club store. The YVGMS show is part of the Yucaipa city Music and Arts Festival with music, various local artists, kids' zone with rides and jumpers, other craft vendors, food vendors, and a beer/wine garden. It is a fun time for the entire family.  
Contact: (909) 794-0731  
Website: <http://yvgms.org>

#### May 7-8, 2022 – Jackson, CA

Amador County Gem & Mineral Society  
Kennedy Mine Gem & Craft Show, 12594 Kennedy Mine Rd., Jackson, CA 95642  
Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM  
Contact: (916) 698-9853  
Website: <http://www.amadorgemandmineral.org>

#### June 11-12, 2022 – Escondido, CA

Palomar Gem and Mineral Club  
Palomar Gem and Mineral Show  
California Center for the Arts, 340 N. Escondido, Escondido 92025  
Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM  
Faceted gems, Slabs, Cabochons, Unique custom jewelry, Rare and common minerals, Fossils, Rough, Beads, Crystals, exhibits, Demonstrations, prizes.  
Contact: (425) 281-6218, [tonifloyd41615@gmail.com](mailto:tonifloyd41615@gmail.com)  
Website: <http://palomargem.org>

#### July 16-17, 2022 – Culver City, CA

Culver City Gem & Mineral Society  
Fiesta of Gems  
Veterans Memorial Auditorium, 4117 Overland Ave., Culver City, 90230  
Hours: Saturday 10 AM – 6 PM, Sunday 10 AM – 5 PM  
36 vendors plus exhibits, demos, workshops and games. Fun for the whole family – Free admission and free parking.  
Contact: [BradSmithJewelry@gmail.com](mailto:BradSmithJewelry@gmail.com)  
Website: <http://CulverCityRocks.org/fiesta.htm>



## April Birthstone: Diamond



# Searchers Gem & Mineral Society

## General Information



Check our website for unexpected changes in schedule!

[www.searchersrocks.org](http://www.searchersrocks.org)

**General Meetings:** 7 PM, 2nd Tuesday of each month, Jan - Nov

**Board Meetings:** 6:30 PM, 1st Tuesday of each month, Jan - Nov

**Workshop:** Thursday 5:30 to 10:00 PM and Saturday 2:30 to 7:00 PM

**Location:** Anaheim Downtown Community Center  
250 East Center St.  
Anaheim, CA 92805

**Mailing Address:** Searchers Gem & Mineral Society, Inc.  
P.O. Box 3492  
Anaheim, CA 92803

**Website:** [www.searchersrocks.org](http://www.searchersrocks.org)

<b>Membership Dues:</b>	Individual	\$25
	Couple	\$35

**Valid Jan.1-Dec.31** The dues are prorated for new members. If new members sign up from October to December, their dues are good for those months, plus the entire next year.

**Bulletin:** Submissions due 3rd Friday of the month via e-mail to:  
[editor@searchersrocks.org](mailto:editor@searchersrocks.org).

**Bulletin distributed 1st week of each month. Mail exchange bulletins to the editor:**  
**Searchers —Linda Horn Editor**  
P.O. Box 3492  
Anaheim, Ca. 92803

**Charter Date:** April 20, 1958

**Affiliations:** California Federation of Mineralogical Societies  
American Federation of Mineralogical Societies



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949-922-7271

themp2@yahoo.com