

# **BULLETIN of the Mineralogical Society of Southern California**

Volume 99 Number 2 February , 2026

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*The 1,047<sup>th</sup> meeting of the Mineralogical Society of Southern California*

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***With Knowledge Comes Appreciation***

**A ZOOM Meeting**  
***February 13, 2026, at 7:30 P.M.***

***Program: “Microminerals at the Nacimiento Mine ” Presented by Scott Braley***

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**Remember:** If you change your email or street address, you must let the MSSC Editor and Membership Chair know, or we cannot guarantee receipt of future Bulletins

## Program: “Microminerals at the Nacimiento Mine ” Presented by Scott Braley

The Nacimiento Mine (Sandoval Co., NM) is modestly well-known for its copper sulfide-replaced wood and for azurite/malachite nodules. The deposit was the result of a large log jam, possibly after a significant fire, during the Triassic Period. Unusually, it was replaced by copper sulfides rather than by silicates, then later partially oxidized. The deposit was first documented in 1860, but was probably known to native peoples, Spanish explorers, and Mexican prospectors. The mine was a fairly small-scale operation until the 1960’s, when it was converted from an underground mine to an open pit. No longer in operation, it has been partially remediated. There is a broad suite of microminerals that can be roughly grouped into two categories. The first is copper secondaries arising from the weathering of the replaced wood; the second is found in small nodules from a completely separate formation that overlies the copper mineralized layer. The copper secondaries include fine examples of common minerals like the aforementioned malachite and azurite, but also relative rarities like libethenite and spangolite. The nodules are sedimentary and include excellent calcite, celestine, barite, and aragonite. Additionally, pyrite and gypsum crystals can be found loose in some of the soil. Altogether, roughly 30 minerals (including a few not yet firmly identified) can be found.

			
Nacimiento Pit, July 2022 © Scott Braley	Celestine, FOV 8 mm © Scott Braley	Calcite, FOV 2 mm © Scott Braley	Malachite, Unk. Yellow, FOV 1 mm © Scott Braley

### How to Join our ZOOM Meetings

MSSC members are automatically included in the invite list each month.

For non MSSC Members who want to attend this meeting. You must respond to our Programs chair, Carolyn Seitz [speakers@mineralsocal.org](mailto:speakers@mineralsocal.org). no later than the Thursday prior to the next scheduled meeting. Please include “*current month ZOOM Meeting*” in the subject line of your response. This response date will allow time for us to send you the information needed to participate in the ZOOM meeting.

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### From the Editor: Linda Elsnau.

Welcome to February; Groundhog Day, President’s Day and Valentine’s Day! Oh Yea, and another excellent MSSC meeting and program! Don’t forget to renew your membership before March 15<sup>th</sup>. If you don’t renew, you won’t get any more MSSC Bulletins or invitations to our excellent meetings.

Renew now, while you’re thinking about it.

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### It’s that time of year...Dues are Due

**If you haven’t already paid your MSSC Membership Dues, Remember,**

**DUES ARE DUE!**

**Renewal Deadline is MARCH 15, 2026, to be included in the MSSC Roster. And if you have not renewed, you will no longer receive your MSSC Bulletin**

## **It's Time to Renew your MSSC Membership!**

Don't miss the monthly bulletins, Zoom Meetings, or upcoming Field trips.  
Send your dues to:

**MSSC Treasurer**  
**2231 Golden Circle**  
**Newport Beach, CA 92660**  
Or ----[Use PayPal](#)

**\$30.00** INDIVIDUAL  
**\$40.00** Family  
**\$35.00** additional for USPS Delivered Bulletin

If your information has changed since last year (email, address, phone) please complete a new [Membership form](#) (on page 10 of this Bulletin) with new information.

Any Questions, please contact Pat Stevens at [treasurer@mineralsocal.org](mailto:treasurer@mineralsocal.org)

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### **From Our President :**

Welcome to February and the steadily lengthening daylight! This is my first official month as President, and I would like to remind you all to submit your membership renewals via our web portal

<https://mineralsocal.org/membership/>

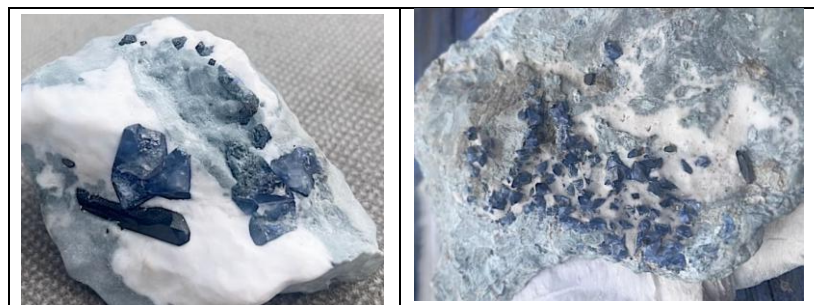
Let's begin with the second installment of my mineral alphabet, the letter B.

I was once a member of the LA County Natural History Museum Gem and Mineral Council. The Council had a field trip to the [Benitoite Gem Mine](#) near Coalinga; this is the type locality for benitoite. It was a dirty drive on a rough, bumpy road. The landscape reminded me of pictures I've seen of the Lunar surface. The ground was covered with powdery decomposed asbestos which occurs naturally. There were asbestos warnings all along the road! We did find a specimen with benitoite and neptunite in natrolite matrix which we etched away with acid.

One of the things I remember about benitoite from my mineralogy class is that it's crystal class, ditrigonal bipyramidal, was mathematically described (Hessel, 1832) before the mineral was discovered and mentioned in the journal *Science* in 1908.

Benitoite, formula  $\text{BaTi}(\text{Si}_3\text{O}_9)$  is a sapphire blue, hexagonal, silicate. Its associate neptunite  $\text{KNa}_2\text{Li}(\text{Fe}^{2+})_2\text{Ti}_2[\text{Si}_4\text{O}_{12}]_2$  is a black, shiny, monoclinic, silicate.

Apparently, you can still visit the mine and pay to look for specimens. It's a lot more civilized and organized since I was there.



Benitoite on natrolite with neptunite.  
Photo by Leslie Ogg

Benitoite on natrolite  
Photo by Leslie Ogg

Of note this February

**1/30-31 and 2/1: 59<sup>th</sup> annual Pacific Micromineral Conference**

2/02: Groundhog Day

2/08: Superbowl Sunday

**2/13: MSSC Membership Meeting via ZOOM**

2/14: Valentine's Day

2/16: President's Day Holiday

## MSSC Membership ZOOM Meeting Minutes, Friday, January 9, 2025

### Welcome

President Angela Guzman called the meeting to order at 7:30 pm. She welcomed 30 members to the Mineralogical Society of Southern California's 1,046<sup>th</sup> Membership Meeting (68<sup>th</sup> Zoom meeting). Two new members attended: Paul Favia and his wife from Oakdale, CA and Anita Sohu.

### Mineral Species

According to [Mindat.org](https://www.mindat.org), there are currently 6,190 approved mineral species. Listed in the International Mineralogical Association (IMA) Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 88, which was published December 2025, some of the newest minerals approved include:

*hartkoppelite* (2025-056) Fuchs quarry in Bavaria, Germany; Cite: Kampf, Ma, Mahn and Désor. Material deposited at Natural History Museum of Los Angeles County.

*arsenosabugalite* (2025-048) Hubbard Homestead Mine near Gateway in Mesa County, Colorado. Cite: Kampf, Olds, Plášil, Emproto, Ma, Adams and Marty. Material deposited at Natural History Museum of Los Angeles County.

*chorazewiczite* (2025-066) Found on a dump of the Delamar mine, Delamar district, Lincoln Co., Nevada, also at the Aga mine at Otto Mountain, San Bernardino Co., California. Cite: Kampf, Mills, Housley, Missen and Ma. Material is deposited in the Natural History Museum of Los Angeles County.

Marek said it is similar to millerite; silvery yellow. He found it on a sample that Joe Marty collected in 2008. Bigger pieces were found at the Delamar Mine; it is lead-iron telluride bicarbonate. Originally found at Otto Mountain, but the crystals were too small to characterize. He also found it in Tombstone, AZ in the Emerald mine and at the Starlight Prospect in Deep Springs Valley, CA.

Angie asked Tony K. how many minerals he has characterized, he said a few over 400! He gave credit to Bob H. for discovering Otto Mountain, an area where a lot of these new minerals have come from.

### Business:

(a) Minutes to Approve: President Guzman said she would entertain a motion to approve the membership meeting minutes of December 12, 2025, as published in the January 2026 Bulletin. A motion was made by Ahni D. and seconded by Tony K. She asked for any additions, corrections or discussion. Hearing none she called for a vote to approve the motion. The motion to approve the stated minutes passed on a voice vote.

### Program

Angie turned the meeting over to MSSC's Speaker's Chair, Carolyn S., who introduced the speaker, Nathalie Brandes. From our website:

The Colorado Plateau is home to numerous national parks and monuments due to its spectacular scenery. Much of the grand vistas and long geologic history exposed in the rocks is due to its rapid uplift since the Mesozoic. The exact cause of this uplift is not known and still debated amongst geologists. Whatever the cause, the results are some of the most beautiful places in the United States. This lecture will visit some of the best-known locations on the Colorado Plateau, discuss the geology, and cover some of the fascinating human history of this rugged and remote region.

Nathalie Brandes grew up studying geology from an early age, traveling around the world with her geologist father. She earned her BS and MS in geology at the New Mexico Institute of Mining and Technology (New Mexico Tech). After working at the New Mexico Bureau of Geology and Mineral Resources, she pursued her doctoral studies at Michigan Technological University. She taught at Michigan Tech, the University of Wisconsin-Eau Claire, and the University of Nevada-Las Vegas, before accepting a position as Professor of Geosciences at Lonestar College- Montgomery, a community college in Texas, where she has been teaching

for the past twenty-one years. Nathalie's current research focuses on ancient mining techniques as well as the history and geology of classic mineral localities.

Nathalie is a member of the Management Team for Mindat.org, as well as on the Board of Directors for the Hudson Institute of Mineralogy. She is an active member of the Geological Society of America, the Geological Association of Canada, the British Micromount Society, the Mining History Association, The Russell Society, and the Society for Mining, Metallurgy, and Exploration.

Her hobbies include travel, embroidery, reading, and writing. In addition to several novels, she has written two books about geology: *New Mexico Rocks, A Guide to Geologic Sites in The Land of Enchantment*, and *Texas Rocks, A Guide to Geologic Sites in The Lone Star State*.

Her talk: Geology of the Colorado Plateau

The plateau is composed of undeformed (flat lying) but uplifted Paleozoic and Mesozoic rocks, the uplift began ~20 Ma, with a rapid pulse of uplift ~5 Ma; uplift of ~3 km.

The mystery: Why did these rocks remain undeformed while all around them rocks were deformed in uplift. Various uplift hypotheses have been proposed: partial removal of the lithospheric mantle, chemical alteration of the lithosphere owing to volatile addition or magma extraction, hot upwelling within the asthenosphere, and crustal thickening. All these processes are involved in plate buoyancy and uplift. When you look at a diagram showing the landscape from the Grand Canyon to Bryce Canyon you see the relatively flat stair step layers that form the Grand Staircase.

Her talk ranged from the oldest rock layers in the Grand Canyon, to the youngest, the pink cliffs in Bryce Canyon National Park. The rock layers show biological changes that occurred over geologic time. Many National Parks and Monuments, as well as state parks dot the Colorado plateau.

-She started at the Grand Canyon, showing a diagram of the oldest layers and formations. Several of the limestone layers indicate that the canyon area was covered by a warm, shallow sea more than once, there were also deltas and sand dunes.

-Next in Zion National Park, Utah the stratigraphy shows rocks from the late Permian to the Cretaceous period. Zion is relatively young at 1 -2 Ma. One of the most dramatic features of Zion are the many natural monuments formed in the Navaho sandstone (Checkerboard Mesa). To get a scale of the size of these features she showed the Empire State Building (1451') compared to the Great White Throne (2,350').

-Another popular National Park is Bryce Canyon. The canyon is at the top of the geological time scale. It is known for rock features called hoodoos. The layers were formed in a lake, with layers of sandstone, limestone, conglomerates, etc. Some of the layers weather faster giving them their unusual shape. Most hoodoos have a harder cap on top that protects them from erosion.

-Next, we visited Capitol Reef National Park. The rock layers are Permian to Cretaceous. Some formations contain dinosaur bones. There are monoclines due to faults in the older basement rocks, this makes steeply dipping rock areas.

-In Canyonlands National Park the rock layers range from the Pennsylvanian to Jurassic periods. You can drive through Canyonlands (Shafer Trail: a set of dirt switchbacks!) from the higher elevation down and travel back in time. There is also a very old meteorite impact (60 Ma) in Canyonlands called Upheaval Dome. The meteorite crater is mostly eroded away. The central dome was formed when the rocks rebounded after being struck by the meteor. All the rock layers dip away from the central impact point.

-On to Arches National Park, Utah which is comprised of Navaho sandstone and Entrada sandstone: most of the arches are Entrada sandstone. The sandstone is highly jointed due to a salt dome underneath that is pushing the rocks up; weathering of this jointed sandstone creates the arches.

-Sunset Crater Volcano National Monument, Arizona erupted in 1065 AD. The Native Americans saw it erupt. It is a cinder cone, formed in a single eruptive event. It is extinct and will never erupt again, but another cinder cone could form in the area.



-El Malpais NM is a park with 3900-year-old lava flows. It also has lava tubes, and one, the Zuni Ice Cave supplied ice for cooling 100 years ago. Zuni Salt Lake has a mar volcano: lava contacted water saturated rocks, flash boiling steam exploded and formed the volcano.

-Human inhabitants of the area include the Anasazi who lived at Mesa Verde in Colorado from 600-1300 AD. Chaco Canyon in New Mexico was also inhabited by the ancestral Pueblos (Anasazi) from 700-1150 AD.

-El Morro National Monument in New Mexico AKA Inscription Rock. In the 1600s Don Juan de Onate inscribed the soft sandstone. Navaho Church is a rock formation that was used in a lot of old westerns. Ghost ranch is an area where newer westerns have been filmed.

A lively Q & A session followed.

Angie thanked Nat for her presentation and members and for their attendance.

#### Announcements

*Angie* – PMC will be held in Fallbrook January 30, 31 and Feb 1 (field trip day). Refer to MSSC's website and/or Bulletin for registration and event information.

*Angie* – Installation Luncheon on January 10, at Hof's Hut in Seal Beach:

Hof's Hu  
12489 Seal Beach Blvd  
Seal Beach, CA  
1:30 pm – 4:00 pm

Kindly RSVP to Carolyn at [cmseitz@mindspring.com](mailto:cmseitz@mindspring.com)

#### Last Words:

Thanks, MSSC members, for believing in our society and its goals – to further the interest in minerals and related earth sciences through education, public outreach, field study and related programs. I am proud to be counted among the membership and proud to have served as your president these past years, and as Secretary prior to that time. The newly elected officers and directors count on your support and participation. Thank you.

Angie said she would be writing a letter to the US Secretary of the Interior to get the Santa Monica Mountains National Monument rescinded so that collecting and field trips can continue there.

Adjournment: The president adjourned the meeting at 9:00 p.m.

Minutes submitted by MSSC secretary Leslie O.

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***With Knowledge Comes Appreciation!***

#### **List of Upcoming MSSC Events :** Mark your Calender!

Event	Date	Comments / Scheduled Program (if known)
Meeting Dates::	ZOOM March 13, 2026	Glenn Waychunas: TBA
	ZOOM April 10, 2026	TBA
	ZOOM May 8, 2026	TBA
Board Meeting	Sunday, May 3, 2026	ZOOM at 1:00 PM
Field Trip		No News At This Time

*Note: Dates and programs shown above are subject to change. Check your bulletins to confirm final information each month.*

**The Ride Share Listing** is being temporarily discontinued until such time as MSSC starts holding in-person meetings again.

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## **Minutes Of The MSSC Installation Banquet, Saturday, January 10, 2026**

### **Welcome**

The meeting was convened at 1:30pm. President Angie Guzman welcomed all to the Mineralogical Society of Southern California's Installation Meeting at Hof's Hut in Seal Beach, California. She thanked everyone for coming to the installation of our new



Officers (2026) and Directors (2026-2027). Geoff Caplette read the oath of office and the new Officers and Directors repeated. The meeting was then turned over to our new President, Leslie Ogg.

President	Leslie O.	Treasurer	Pat S.
Vice President	Renee K.	CFMS Director	Angie G.
Co-Secretary	Marcia G.	Director 1 ('26-'27)	Pat C.
Co-Secretary	Ahni D.	Director 2 ('26-'27)	Bert V.

**Silent Auction** – Opened at noon with final bids at 3:30pm. Bid sheets were provided and the Treasurer was paid at the close. Tourmaline was a popular item today.

**Luncheon** – Each person chose from Hof's Hut extensive menu and paid for his or her own order. There was a lot of camaraderie among the 24 members in attendance.

**Show and Tell with Swaps** – Some members told a story about the mineral they brought, with show-and-tell provided.

President Ogg adjourned the meeting at 4 p.m.

Minutes submitted by MSSC Co-secretary, Ahni D.

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## **Board Meeting Minutes, January 18, 2026**

### **Welcome**

The meeting was convened at 1:09 pm. President Leslie O. welcomed all new and returning Board members and officers for 2026. The approval of the last Board meeting minutes was tabled until the next meeting.

**New Board members.** We need two. Carolyn volunteered to be one, was nominated, and voted in favor.

**Late in the year membership renewals.** Dues received after November 1 will apply to the next calendar year. July-December 31, 2026, is half price.

**How do we recognize members** – Leslie made a motion to give Life Memberships to George R., Rudy L., Angie G, and Geoff C.

**Financials (Carolyn)** – No Treasurer's Report as she couldn't gain access to the statement.

**Web (Leslie)** – Leslie showed web traffic over the last 3 months. The field trip page was the most popular.

Social Media (Renee)--Renee asked for photos of rocks and personal collections.

Membership (Linda)—Linda said that as of 1/16/26, we have only 17 renewals . Suggested extending deadline to March 15, and she'll place the membership form in the Bulletin. She asked that Carolyn or Pat S. inform her about renewal money.

PMC (Al)—If interested in going, Friday-Sat., January 30-31, is in Fallbrook. February 1 is for the field trip.

Field Trip (Marek)—Mojave, north of Edwards, February 19, 2026.

The meeting was adjourned at 2:18pm.

Minutes submitted by MSSC Co-secretary, Ahni D.

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### **THANK YOU to MSSC MEMBERS, from Ann Meister**

Thank you MSSC members for your thoughtful donations for the Eaton Fire survivors. Some of you also helped me with donations of kitchen stuff, sheets and towels, clothing, and other useful items. Angie and Danielle offered their home and moral support which were critical in getting me through the weeks following the shock of losing everything – the condo I had lived in for over 40 years and our family home, my childhood home of over 70 years. Unfortunately, part of the “everything” included MSSC memorabilia, such as a large, framed photograph of an early (first?) MSSC field trip to Crestmore Quarry in Riverside County (an envelope was taped to the back which listed the name of everyone in the picture). This was a favorite collecting spot because there were so many different minerals in the complex geology. I remember collecting blue calcite there as a child. MSSC has been a major part of my life since my family became involved with the Society in the early 1950's. I joined as a Junior member in 1956 and was elected the first female president in 1981, 25 years after my father, Gus Meister, was elected to the position. I was elected again in 2011. Over the years, I had accumulated an extensive collection of minerals focusing on Utah and a library supporting my interests. All lost in the fire. Thank you again for your support through difficult times.

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### **OTHER (FREE) THINGS TO DO...by Ann Meister**

The **Watson Lecture** is on Wednesday, **February 25** at 7:30 PM at Caltech's Beckman Auditorium. The speaker is **Kimberly See**, Professor of Chemistry, Caltech. The title is “**Chasing Sustainable Battery Chemistries for the Future.**” From toys to cell phones to electric cars, batteries power modern life. They also play a potentially pivotal role in building a sustainable energy infrastructure. Next-generation batteries could help store power from intermittent renewable sources, such as wind and solar, and enable expanded adoption of battery-powered electric vehicles. Such advances are critical to reducing dependence on fossil fuels, a priority that has grown more urgent in recent years given the massive power needs of AI servers. However, today's state-of-the-art battery technology, the lithium-ion battery, comes with some significant challenges. Lithium-ion batteries rely on scarce and expensive minerals, which limits their use and raises concerns about affordability and environmental impact. In this talk, Kimberly See will explore her lab's efforts to develop energy-storage chemistries that move beyond lithium-ion, using more abundant and less-expensive materials, while still achieving the high-energy densities that have made today's batteries so transformative. ► [Register for Kimberly See's Watson Lecture](#) Enjoy pre-lecture activities and music including food, drinks, and books available for purchase starting at 6 PM. Find past lectures on [Caltech Watson Lecture Series - YouTube](#)

The **Von Kármán Lecture** is on Thursday, **February ??** at 5:00 PM. Available live on YouTube at [NASA Jet Propulsion Laboratory - YouTube](#). Date, speaker, and topic were not available at time of publication. Check website for information and past lectures [Lecture Series \(nasa.gov\)](#). Previous lectures are available on YouTube.



The **UCLA Meteorite Gallery** is open to the public weekdays from 9 am to 4 pm and on Sundays from 1 to 4 pm when it is staffed with volunteer docents. Admission is always free. The monthly lectures seem to have been discontinued but the gallery is well worth exploring. Visit the website and check on events, videos, and other neat things including resources for teachers, Go to <https://meteorites.ucla.edu>

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## **Calendar of Events:**

Only S. CA shows are listed here. Other CFMS Club shows can be found at: <http://www.cfmsinc.org/>

### **2026 Shows**

#### **February 12 – March 1, 2025 (13 days) – Indio, CA**

San Gorgonio Mineral and Gem Society  
Riverside County Fairgrounds, 46350 Arabia St., Indio, CA 92201

Hours are Thursday-Friday (12-13th, 19-20th, 26-27th) 3 pm-10 pm. Saturday-Monday (14th-16th) 10 am-10 pm and Saturday-Sunday (21-22nd, 28th-March 1) 10 am-10 pm.

Website: <http://sgmgs.org>

#### **March 7-8, 2026 – Ventura, CA**

Ventura Gem & Mineral Society  
Ventura County Fairgrounds, 10 W. Harbor Blvd., Ventura, CA 93001

Hours: Sat 10 AM – 5 PM, Sun 10 AM – 4 PM

Website: <http://www.vgms.org>

#### **March 13-15, 2026 – Apple Valley, CA**

Victor Valley Gem and Mineral Club  
7 Miles down Stoddard Wells Rd., Apple Valley CA

Hours: 9 AM – 5 PM daily

[Stoddard Well Rockhound Tailgate](#)

#### **March 15, 2026 – Fallbrook, CA**

Fallbrook Gem and Mineral Society  
123 W. Alvarado St., Fallbrook, CA 92028

Hours: 12 Noon – 3 PM

Website: <http://www.fgms.org>

#### **March 28-29, 2026 – Lancaster, CA**

Antelope Valley Gem and Mineral Club

Location: Antelope Valley Fairgrounds,  
2551 W Ave H, Lancaster, CA 93534

Hours: Sat 10 AM – 5 PM, Sun 10 AM – 4 PM

Parking will cost \$10. Show in the Van Dam building.

Website: <http://AVGem.weebly.com>

#### **March 28-29, 2026 – Lemoore, CA**

Lemoore Gem and Mineral Club

470 Champion St., Lemoore, CA 93245

Hours: Sat 10 AM – 6 PM, Sun 10 AM – 4 PM

Website: <https://www.facebook.com/AndLemoore/>

#### **April 18-19, 2026 – Thousand Oaks, CA**

Conejo Gem and Mineral Society

Borchard Community Center, 190 N. Reino Road,  
Thousand Oaks 91320

Hours: Sat 10 AM – 5 PM, Sun 10 AM – 4 PM

FREE ENTRY; FREE PARKING

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

#### **April 25-26, 2026 – Anaheim**

Searchers Gem and Mineral Society

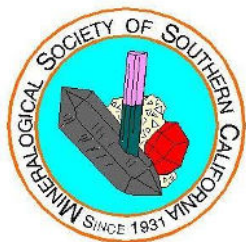
Brookhurst Community Center, 2271 W. Crescent Ave.,  
Anaheim, CA 92801

Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4:30 PM

Free entry, free parking. Rain or shine, show is on. Please,  
no pets. Service animals only.

Website: <http://www.searchersrocks.org>

MSSC Advertisement Policy:			
Mineral-related ads are allowable in the MSSC bulletin. Below is the price per month			
	Business Card	\$5.00	
	One-third page	\$10.00	
	One-half page	\$20.00	
	Full Page	\$35.00	
In addition, any advertiser who purchases 12 months of space in advance will receive a discount of 12 months for the price of 10 months. The copy for the ads should be mailed to the editor at <a href="mailto:bulletin@mineralsocal.org">bulletin@mineralsocal.org</a> and the payment should be sent to the <b>MSSC Treasurer 2231 Golden Circle, Newport Beach, CA 92660</b>			



## 2026 MSSC Membership Form

**PLEASE PRINT CLEARLY!**

All information **will** appear in the Roster unless you check **NO**

Name: \_\_\_\_\_

☐ NO Address: \_\_\_\_\_  
Street Apt

City State **Zip+4**

☐ NO Phone: \_\_\_\_\_  
Home Cell

☐ NO Email: \_\_\_\_\_

### NOTE: THE BULLETIN IS DISTRIBUTED VIA EMAIL

If you wish to receive the Bulletin in a printed, black-and-white format via the US post office, there is an additional annual charge of \$35 to cover the printing and postage.

☐ Yes, I will pay the extra \$35

Additional name(s) and relationship if this is a family membership:

Our annual printed Roster will include only the information you approve above. The Roster is **ONLY** for personal use of our members.

### Membership Dues for One Year:

\_\_\_\_\_ \$30 Individual

\_\_\_\_\_ \$40 Family

\_\_\_\_\_ \$35 USPS- delivered paper Bulletin

### Donations

\_\_\_\_\_ \$100 Platinum

\_\_\_\_\_ other donation

All membership half price after July 1

Total enclosed: \$ \_\_\_\_\_

**Make checks payable to MSSC and mail this form to:**

MSSC  
2231 Golden Circle  
Newport Beach, CA 92660  
Or ----Use PayPal

### Questions?

Contact Linda Elsnau (MSSC Membership) at: [membership@mineralsocal.org](mailto:membership@mineralsocal.org)

*revised 1/2026*

## 2026 MSSC Officers:

OFFICERS		
President	Leslie Ogg	<a href="mailto:president@mineralsocal.org">president@mineralsocal.org</a>
Vice President	Renee Kraus	<a href="mailto:vicepresident@mineralsocal.org">vicepresident@mineralsocal.org</a>
Co-Secretaries	Ahni Dodge / Marsha Goetz	<a href="mailto:secretary@mineralsocal.org">secretary@mineralsocal.org</a>
Treasurer	Pat Stevens	<a href="mailto:treasurer@mineralsocal.org">treasurer@mineralsocal.org</a>
CFMS Director	Angie Guzman	
Past President	Angie Guzman	
DIRECTORS		
2025--2026	Rudy Lopez	
2025--2026	David Lesperance	
2025--2026	Pat Stevens	
2024-2025	Pat Caplette	
2024-2025	Bert Vogler	
COMMITTEE CHAIRS		
Bulletin Editor	Linda Elsnau	<a href="mailto:bulletin@mineralsocal.org">bulletin@mineralsocal.org</a>
Field Trip	Marek Chorazewicz	
Historian	Ann Meister	
Hospitality	Laura Davis	
Membership	Linda Elsnau	<a href="mailto:membership@mineralsocal.org">membership@mineralsocal.org</a>
Micro Mount Conf. Chair	Al Wilkins	
Program and Education	vacant	
Speaker Bureau	Carolyn Seitz	<a href="mailto:treasurer@mineralsocal.org">treasurer@mineralsocal.org</a>
Webmaster	Leslie Ogg	<a href="mailto:webmaster@mineralsocal.org">webmaster@mineralsocal.org</a>

### About the Mineralogical Society of Southern California

Organized in 1931, the Mineralogical Society of Southern California, Inc. is the oldest mineralogical society in the western United States. The MSSC is a member of the California Federation of Mineralogical Societies and is dedicated to the dissemination of general knowledge of the mineralogical and related earth sciences through the study of mineral specimens. We are a scientific non-profit organization that actively supports those endeavors through public outreach, field study and related programs. The Bulletin of the Mineralogical Society of Southern California is the official publication of the Mineralogical Society of Southern California, Inc.

The MSSC meetings are held on the second Friday of each month, at 7:30 p.m., MSSC meetings are conducted via ZOOM conferencing until further notice. The annual Installation Banquet occurs in January, and the annual Picnic and Swap Meeting are in August. Check the Society website for details.

The Society also sponsors the annual Pacific Micro mount Symposium held at the Fallbrook Mineral Museum during the last weekend of January.

Annual Membership dues for the MSSC are \$30.00 for an individual membership, \$40.00 for a family membership. Bulletins are sent by email; there is an additional annual fee if you prefer paper bulletins mailed to your address. The Society's contact information:

**Mineralogical Society of Southern California**

**13781 Alderwood Lane, 22-J, Seal Beach, CA 90740**

**E-mail:** [treasurer@mineralsocal.org](mailto:treasurer@mineralsocal.org)

**Website:** [www.mineralsocal.org](http://www.mineralsocal.org) **The Mineralogical Society of California, Inc.**

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**DISCLAIMER: The Mineralogical Society of Southern California, Inc. is not responsible, cannot be held responsible or liable for any person's injuries, damages, or loss of property at or traveling to or from any general meeting, board meeting, open house, field trip, annual show or any other MSSC event.**

## Special Notice:

The MSSC will be participating in an Earth Day activity at the Los Angeles County Natural History Museum on Sunday, April 19 from 9:30-5:00.

It would be great to have some of the membership volunteer to help staff the table.

We will be handing out minerals/rocks to the kids that visit and to have a hands on exhibit that people can touch or at least see close up and also properties of minerals. For example:

MOHS hardness scale

Magnetic attraction

A box with UV light

Full geode versus cut Geode

Density: Pumice versus iron samples

Color variety and why it occurs. Like quartz

Different way to exhibit minerals

As part of your participation, you will receive a free entry to the museum and free parking. It would be great to see you there.

If you are interested in helping our, contact David Lesperance, [dlesperance@signalgeoscience.com](mailto:dlesperance@signalgeoscience.com)

Or Leslie Ogg at [president@mineralsocal.org](mailto:president@mineralsocal.org)



**With Knowledge Comes Appreciation**

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