



Bulletin of the Mineralogical Society of Southern California

Volume 87 Number 5 - May, 2014

The 909th meeting of the Mineralogical Society of Southern California

www.mineralsocal.org

With Knowledge Comes Appreciation

May 9th, 2014 at 7:30 pm

**Pasadena City College
Geology Department, E-Building, Room 220
1570 E Colorado Blvd., Pasadena**

Program: *Fossils of the San Gabriel Valley* by: Keith Krzywiec

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

About the Program: *Fossils of the San Gabriel Valley* by: Keith Krzywiec - West Covina Fossils.

West Covina Fossil paleontology is dedicated to the study of prehistoric West Covina as part of the San Jose Hills Puente Formation surrounding areas of the Los Angeles basin beyond the Covina's are also studied, but West Covina continues to have the most productive sites to explore.

Local, self-taught, amateur paleontologist has been studying, collecting and researching the area's unique rock, plant, animal and marine fossils all his life. This combined with years of hands on experience working as a volunteer at the Los Angeles County Natural History Museum, give him a broader knowledge of Southern California Paleontology.

Presentation: Comprised of fossil finds from the San Gabriel Valley and throughout the Los Angeles basin. A diversity of fossils dating from the mid to late Miocene Epoch. The diversity of fossils in my collection comprises of 80 or more specimens including fish, plants, fossil wood, shellfish, whale fossils and more will be on display for viewing. Slide presentation and discussion includes introduction of geological history and geological history and identification of artifacts on display.

From the Editor: Linda Elsnau

It's that time of year again and the 2014 Member Roster is in the mail! For the majority of our members receiving email bulletins, keep an eye out for the envelope in your mailbox. Those of you having the Bulletin mailed to you, it is enclosed. I see some changes, long time members no longer on the list and a few brand new members added. I know we will miss the ones that have not renewed and we want to welcome our newest members.

Fred and I went to the 2014 Sinkaskas Symposium on Peridot and other Green Gems hosted by the SGMS and GIA on April 5th. If you've never been to one of these conferences, they are well worth the time and cost. (Yes, gemstones are minerals too!) This was one of their best yet! (I think we say that every year.) As usual, our own esteemed V.P., George Rossman, gave a presentation on what makes the gem of the year the color it is and he did an excellent job explaining why peridot is green. Bill Larson from Fallbrook, CA provided an incredible display of Peridot and other green gem carvings, faceted stones and mineral specimens. We always meet great people and learn a lot at these events. SGMS has chosen Opal as the topic for 2015.

On another note, I have really appreciated the positive feedback I have received from many of you about the bulletins. I would love to also hear any suggestions you have to make it even better. What would you like to see more (or less) of? Anything in particular you are looking for in your bulletin that you are not finding here? Anything you would like to contribute to it? (You know I would ask for your contributions, didn't you!)

Meanderings From The President by Ann Meister

The Earth seems to be ringing like a bell with earthquakes all around the Pacific Rim – the Ring of Fire. We don't know in advance when our turn will come up for a big shake, but our mild tremors do serve as a reminder to make sure our disaster supplies are up-to-date. Perhaps it's time to replace water and/or food and check batteries. Those of you in fire-prone areas should check your "ready bags" and make sure your important papers and mementos are readily "grab-able."

I heard that a mineral collector in the La Habra area near the epicenter of our recent shaking lost some mineral specimens when they decided to "duck'n'cover" – sliding off a shelf and onto the floor. Remember to secure your display specimens with museum wax or tacky wax, as well as securing the shelves to the wall. I know I've written about this before, but we all forget or procrastinate, so I'll say it again.

Also after a quake or other natural disaster, if you go hiking in the San Gabriel mountains and elsewhere, be careful on the trails. In the week following the quakes, I heard the rotors of the rescue helicopters several times. I don't know that this was a result of the quakes, but the decomposing granite in our mountains is fragile and

many things can cause a rockslide or the failure of a ledge. Even if you know a trail well, watch your step and always consider a safe escape route, just in case.

At least we're not in tornado or hurricane country. I was in Detroit one May when a thunderstorm with golf-ball sized hail ruined a lot of cars and broke windows as well as spawning a tornado that hit a trailer park and killed several people. That afternoon, a 6.4 quake destroyed much of Coalinga, CA with no loss of life. Several people at a banquet the next night told me they were much more afraid of earthquakes than tornadoes. Not me.

On a lighter and brighter note, the CFMS show is coming up at the end of the month at the Fairplex in Pomona. Also this month is the West Coast Gem & Mineral Show in Santa Ana. Both are great places to enjoy our hobby, see long-time friends and make new ones. Those collectors using a "silver pick" will find lots to buy. And we'll all find lots of fine minerals to view and enjoy.

Minutes of the April, 11th, 2014 Meeting

The 908th Meeting of the Mineralogical Society of Southern California (MSSC) was held on Friday, April 11, 2014 at the Geology Department of Pasadena, City College. President Ann Meister brought the meeting to order at 7:35 p.m.

Regular Business: Welcome to all in attendance at tonight's meeting.

Minutes: President Ann Meister asked for a motion to approve the Minutes of the last Membership Meeting as listed in the April 2014 Bulletin. The Minutes of March 14, 2014 meeting were approved by motion from Laura, seconded by Rudy Lopez and carried by membership vote.

President's Messages:

- Welcome to Guest: New member Rebecca Schiffman, Irsila Wilson (guest), Harold (guest).
- Dues- if not paid, you did not get a bulletin, please submit to Cheryl Lopez-Membership Chair.
- April 25, 2014 is the deadline to submit items to Editor Linda Elsnau for the May 2014 Bulletin.
- May 21, 2014 is the deadline to submit items to Editor Linda Elsnau for the June 2014 Bulletin.
- Parking Tickets- settled, don't need to pay.
- March 23, 2014 MSSC Board meeting was held at Bruce Carter's house. Main points are: Annual Picnic & Swap is on August 10, 2014 at Bruce Carter's House and June 8, 2014 is the next MSSC Board Meeting.

Announcements

- CFMS show is May 30, 31, and June 1, 2014 at Pomona Fairplex. Entrees for competitive exhibit are due by April 14, 2014. Non-Competitive -no due date, let PLS know.
- Flyer for *Rock for All Ages Show* on June 6,7,8, 2014 at Sonora High School La Habra, CA.
- Gem Faire Flyer for Costa Mesa on May 9, 10, & 11.
- Steve Mulqueen announced he had a mineralogy book set for sale \$75.00.
- Linda Elsnau announced an article is appearing in *Rocks & Mineral Magazine* May/June 2014 about Willard Perkin and his mineral mounting methods.

Show & Tell

- Linda and Fred Elsnau attended the 2014Sinkaskas Symposium on Green Gem Stones, held at GIA in Carlsbad, CA. It was an excellent conference and as usual, our Vice President, Dr. Rossman was one of the featured presenters and did another excellent job!.
- Bruce Carter announced at the August Picnic & Swap there will be Show & Tell of giant crystals from the San Gabriel Mountains and other minerals.

- Jim Kusely announced the MSSC may be receiving 2 donations of mineral collections area collectors. Arrangements to be made for pick-up. Possibly items can be used for our door prizes, swap, sell, silent auction, Micromount Conference, and the Banquet.

Program: Rudy Lopez, Program Chair, introduced Joan Licari. She has a Bachelor and Master degree in paleontology from U.C. Berkeley. She has a Doctorate in Environmental Science and Engineering (D. Env.) from UCLA. Her Master's degree thesis involved dating of insect-bearing amber deposits in Chiapas region of Mexico. Professor of geology and environmental science at Cerritos College for 37 years- now emeritus. Part-time teaching at Cal State Los Angeles. Worked for the U.S.G.S. as an Environmental Specialist in off-shore oil and gas operations and permitting. The topic presented was: "In a dinosaurs garden". Ancient plants that were around to be munched on by dinosaurs are prominent in our gardens today. Dr. Licari discussed which plants were so tough that they could survive from the Age of Reptiles and a major period of extinction to make it all the way to the present day.

Adjournment: The meeting was adjourned at 8:45 p.m. After the meeting, refreshments were served.

Respectfully submitted, Cheryl Lopez

Minutes of MSSC Board Meeting: March 23, 2014

A. Call To Order: The Board meeting was called to order at 1:03 p.m. by Board President Ann Meister. Welcome to the Board of Director's meeting. Board roll call: Ann Meister, George Rossman, Jim Kusely, Angie Guzman, Bruce Carter, Jo Anna Ritchey, Geoffrey Caplette, Leslie Ogg, Pat Stevens, Linda Elsnau, Rudy Lopez and Cheryl Lopez were present. Thank you to Bruce and Kathy Carter for hosting the meeting.

B. Minutes: There was a **motion** from the floor by JoAnna Ritchey and seconded by George Rossman to approve the Board Meeting Minutes of July 7, 2013 as published in the August 2013 Bulletin. The motion was voted on and **passed unanimously**.

There was a **motion** from the floor by Linda Elsnau and seconded by Bruce Carter to approve the Board Meeting Minutes of July 12, 2013 as published in the August 2013 Bulletin. The motion was voted on and **passed unanimously**.

C. Old Business:

1: Treasurer's Report and associated questions: Jim Kusely reports that overall, MSSC is doing well, same as last year. Expenses for Bulletin, for example, are down because of electronic mailing. Jim also reports that the insurance company now requires a list of zip+4 for members. After much discussion regarding donations and meeting rooms usage, the following was decided: Table: PCC donations (former practice \$50 to Van Ameringe Scholarship for deceased members). Table: Proceeds from show (no longer applies), donation for meeting room use. MSSC's donations currently are to San Bernardino County Museum who receives ½ of the net proceeds from the Micromount Conference toward usage of their meeting rooms. Ann will check with Bob Housley and Al Wilkins regarding next year's Micromount Conference. Bruce Carter will write-up a summary regarding San Bernardino Museum, Van Ameringe scholarship and PCC meeting room clarification.

According to MSSC's By-Laws and Operating Rules, the duties of the Membership Chair fall under the Treasurer's office. Cheryl Lopez, Membership Chair, and Jim Kusely, Treasurer, will work together collecting dues and updating membership lists. Cheryl will maintain the title, Membership Chair.

2. Membership: Cheryl reported that she reviewed the membership status, mailed 24 letters, received 4 responses, some checks and offered to update the database. She also mentioned the application for membership. Cheryl said she will update the Word.doc, form that Ann has.

Suggestions/comments regarding attracting new members: George wanted to know what the age range is of our membership. Cheryl said that since we don't ask for age, we have no way to know except if they come to a meeting. Can we make Dana Club students honorary members? Jim said it was tried in the past and at a

reduced rate, but there weren't many who became members; George states there is a diminished interest in minerals, now leaning toward geology; Other items discussed included MSSC pamphlets/cards, contacting other institutions (JPL, close community colleges, etc.), George offered Cheryl a book of mineralogy teachers in the nation, Jim can make a list of past speakers from the financials, Linda can e-mail the MSSC Bulletin if she can get their addresses and Bruce shared his frustration because the PCC teachers don't come to our meetings. Note: Rudy will look at the pamphlet and report back to the Board.

Paper Bulletins to Honorary and Life Members: Should we ask them to pay \$20/yr for the publication that is mailed to them? [Snail mail cost in 2013 was \$17.89/member/yr]. Bob Jones, Tony Kampf, Bob Reynolds and Michael Wise (Smithsonian) are on mail list but we will start e-mailing them the Bulletin. "Cover letter" to ensure the correct/preferred e-mail address is to be used. There was some discussion regarding the Smithsonian and who should receive the Bulletin. Linda will follow up on this item.

Bob's Rock Shop on the web, Bob Reynolds formerly of San Bernardino Museum, Tony Kampf Natural History Museum L A County are all great speaker resources for Rudy, Program Chair.

Two Life Members: receive paper bulletins. (Only one offers to pay for it)

Also discussed: legal issues regarding publishing copyrighted photos or articles. Linda commented that she is very thorough and works to ensure we do not infringe on copyrights with the material in our bulletin..

3. Webpage Status: *By-Laws and Operating Rules* – should they be on the web page? **Motion** by Pat Stevens, seconded by Linda Elsnau: *MSSC (1) will not post its By-Laws or Operating Rules on the web page and (2) when a new person joins or a member requests, MSSC will e-mail them the By Laws and Operating Rules.* After discussion, the vote was tallied: Yes = 9, No = 0, Abstain = 2. **Motion passed.** Leslie will check for meeting times and member classifications on the Membership Page.

Bulletin Posting: When should the Bulletin be posted, before the meeting or after the meeting? This item was tabled after some discussion.

CFMS listings out of date, broken links: Discussion included mention of errors having been reported several times with no changes made by CFMS. Jo Anna will mention this issue at the May CFMS meeting.

MSSC webpage - letting other clubs add links to our webpage and other clubs letting us at links to their webpage. Discussion included the Oregon club that wanted to add a link to our webpage, legal issues, secure/personal information issues. **Motion** by Pat Stevens and seconded by Geoff Caplette: *MSSC may allow links of bona fide clubs to its website and [to be] reciprocal, bona fide clubs may have MSSC have links to their website.* After further discussion, the motion was voted unanimous to approve. **Motion passed.**

Membership Application on webpage: Where should checks be sent? Webpage needs to be changed to reflect Member Chair (Cheryl). Discussion about Pay-Pal and checks.

4. PMC Issues - Table discussion about Micromount Conference and conference treasury issues until Bob Housley and/or Al Wilkins attend a Board Meeting. PMC Chairman is Al Wilkins, but he is not an MSSC member. Should the Chairman be a member? **Motion** by Linda Elsnau and seconded by Bruce Carter: *The Chairman of the Pacific Micromount Conference should be a member of MSSC.* No further discussion. The motion was voted unanimous to approve. **Motion passed.**

- Break and refreshments. Thanks Kathy!

5. Programs: Chair Rudy Lopez reported that speakers are booked through August and he has a speaker for January 2015. Michael Lamb was suggested as a speaker. Pat Stevens may put a presentation together.

6. Trailer – Inventory: Geoff reports that the inventory has not been done and that he needs to move the trailer to a storage space. Discussion included contacting Bob Reynolds to see if he wants any of the cases or the trailer, condition of the items inside the trailer and the trailer itself, expense associated with moving/disposal. Geoff will do an inventory.

D. New Business:

1. *PCC meeting place, end of meeting time, do we need a faculty sponsor?* Discussion included (1) parking (2) end of meeting time, (3) faculty sponsor (Ahni?) all of which Bruce will follow up on with the school.

2. The Roster will be sent with the May Bulletin.

3. *August 2014 Picnic/Swap planning, location, etc.:* Bruce Carter again offered his home for the August picnic. Picnic to be on August 9 or 10 with planning the same as last year. Rudy said he will bring the meat again, we don't need a cake, Jim said he'd bring chili, Angie will bring soda variety. Invite Fallbrook? Yes, Invite Gem and Mineral Council? Yes.

4. *Activity proposals – CFMS show participation, information table, who will staff?* Discussion included participants: Ann, Pat Stevens, Angie and Rudy. Set up on Thurs, Show hours 10-5 Fri/Sat and 10-4 Sun.; PCC geology students involvement, parking passes for workers; Ann will check with Marsha Goetz, CFMS Show Chair.

E. Next Meeting: June 8, 2014, 1 p.m. at Bruce Carter's home.

Adjournment: The meeting was adjourned at 3:46 p.m.

Respectfully submitted, Angie Guzman, Secretary

Reminder:

West Coast

GEM & MINERAL SHOW - SPRING

MAY 16 - 18, 2014

Holiday Inn Orange County Airport
2726 S. Grand Ave.
Santa Ana, CA 92705
(Take 55 Fwy exit 8 for Dyer Rd. to S. Grand Ave.)

80 Top Quality Dealers!

Minerals • Fossils • Gemstones
Jewelry • Beads • Decorator Pieces
Meteorites • Lapidary • Metaphysical

FREE ADMISSION • FREE PARKING
WHOLESALE • RETAIL
OPEN TO THE PUBLIC



Colorado Topaz - Photo by Jeff Scovil©

Show Hours:
Fri. & Sat. 10 - 6 • Sun. 10 - 5

www.mzexpos.com

Calendar of Events:

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

MAY 2014

May 3 - 4: ANAHEIM, CA

Searchers Gem & Mineral Society
Brookhurst Community Center
2271 W. Crescent Avenue
Hours: Sat 10 - 5; Sun 10 - 4:30
Website: www.searchersrocks.org

May 10 - 11: LANCASTER, CA

Antelope Gem & Mineral Society
Lancaster High School
44701 - 32nd Street West
Hours: 9 - 5 daily
Website: www.avgem.weebly.com

May 30 - June 1: POMONA, CA

2014 CFMS Show and Conference

May 30 - June 1

Fairplex, 1101 W. McKinley Ave
POMONA, CA

to be hosted by the Pasadena Lapidary Society
Show Website: www.cfms2014show.com

May 31 - June 1: ESCONDIDO, CA

Palomar Gem & Mineral Club
California Center for the Arts
1340 N. Escondido Blvd.
Hours: Sat 10 - 5; Sun 10 - 4
Website: www.palomargem.org

JUNE 2014

June 6 - 8: LA HABRA, CA

North Orange County Gem & Mineral Society
Sonora High School
401 S. Palm Street
Hours: Fri 4 - 8:30; Sat 8 - 8; Sun 9 - 6
Website: www.nocgms.com

June 7 - 8: GLENDORA, CA

Glendora Gems & Mineral Society
Goddard Middle School
859 East Sierra Madre
Hours: Sat. 10 - 5; Sun 10 - 4
Website: [Facebook Page: "GlendoraGems"](#)

June 28 - 29: CULVER CITY, CA

Culver City Rock & Mineral Club
Veterans Memorial Auditorium
4117 Overland Ave
Hours: Sat 10 - 6; Sun 10 - 5
Website: www.culvercityrocks.org/fiesta.htm

Editor's note: Have you attended any interesting Mineral shows lately? How about writing a short report on what you saw that caught your eye. Anything new that's special or anything old that's "new again"? Was the show well run? Any problems? How about the food that was available? Interested members would like to know if they should plan on attending next year!

How I got into the Mineral, Rock, Gem, Fossil, Fluorescent Mineral, Lapidary, Micro-Mounting, Jewelry Making and Gem/Mineral Photography Hobby* ©: by Fred Elsnau

My story begins in 1933, about two years before I was born. It was in the depths of the "Great Depression" and business wasn't good so my father and five friends decided to take a road trip to California. They started in Wyanet, Ill., and followed Route 66 to Los Angeles, then went north to Yosemite before starting back. The details of their trip would make a great book,-- but that's another story.

These six gents bought a used 1928 Dodge convertible from the local high-school auto shop for a few dollars, and took off for California. After many adventures and some miss-adventures the Dodge "gave up the ghost" on the way home by "throwing a rod" outside of Worland, Wyoming. The adventurers sold the car for scrap, buried almost all of the souvenirs they had collected and "rode-the-rails" home. All my father managed to save were a few souvenir rocks in his pocket.

Skip forward a few years to 1941, the year I turned six. My father gave me those souvenir rocks and that started the whole thing! My father's friend, John Roberts, who owned a local farm, gave him some Indian arrowheads and "beads" he found in his fields. My father later gave them to me. It wasn't until much later that I learned that the "beads" were in fact crinoid stems -- my introduction to fossils. Later, after we moved to California, I was allowed to put a display in my father's tailor shop and my collection continued growing with gifts from family, friends and customers.

About 1950, I visited my local high school and discovered they had a lapidary class. Mr. John Nelson, the teacher and my first mentor in this hobby, allowed me to attend this class unofficially. In that same year, Mr. Nelson took me to Utah on my first major field trip. This trip is also where my interest in photography got its' start. I was loaned an old 116 camera and took two or three rolls of film. Also, about this time, a neighbor, Mr Mitchell, introduced me to silver-smithing.

In 1958, after completing a four-year hitch in the Air Force, I began to seriously collect and study minerals. I remember visiting Geiger's on Walnut in Pasadena and Burminco in Monrovia. Some of the things I saw at George Burnam's Burminco....I wish I knew then what I know now!

Over the years, I collected minerals, became active in several clubs, including MSSC and the Fluorescent Mineral Society, did some lapidary, some silver work and started collecting books on related subjects.

At the local mineral shows, I met Willard Perkin, "Perk," who later became "our" friend and mentor. I say "our" because in 1969 I met Linda, who later became my wife, and we became nearly inseparable, enjoying the hobby together.

In the 1980s, John Garsow, a friend from a lapidary/craft class in the 1960s, introduced me to Dana Osmon the owner of "Crystal Earth." Photography had been a long time hobby by this time for both Linda & I and we were offered the opportunity of photographing gemstones for Dana's advertising and to illustrate articles he was writing for various gem & mineral magazines. This exposure to the Gem trade helped develop our interest in and appreciation of gemstones

Along the way, I met Juanita Curtis, who tried for years to get me interested in micro-minerals and micro-mounting. Finally, when Linda bought me a stereo microscope in 1996, Juanita Curtis and Willard Perkin mentored my entry into the world of micro mounting.

I retired in mid-1996 on a Friday and on the following Monday, to full-fill a lifetime dream, I started a 6-month full time course in jewelry making and became a "certified goldsmith." In addition to making jewelry, many of the tools and skills I acquired turned out to be of great use in the preparation and mounting of micro mineral specimens!

In writing this story, I realized how much I value the many wonderful people who have, in one way or another, shared this hobby with me.

* As you can see by the title, I have never been able to settle on just one aspect of this hobby!

Editor's note: This article is printed with the permission of the author, Fred Elsnau. Any reuse requires specific permission from him.

Ride Share Listing

Can You Provide A Ride?

Would You Like Company On The Drive To Meetings?

We have heard from several of our members that they would like to ride-share with someone to the meetings. We will list the names, general location and either a phone number or an email address of anyone who would like to connect for a ride-share. If you would like to catch a ride or would like company for the trip, let me know at msscbulletin@earthlink.net and I'll put the information in this section of the bulletin. After that, any final arrangements made are up to you. Also, If you make a connection that works for you, let me know so that I can remove your information from the bulletin. The Editor

Looking for	Who	Where	Contact at
A ride	Richard Stamberg	North Orange County, near Cal State Fullerton	
A ride	Catherine Govaller	San Bernardino, CA	

Featured Mineral: Topaz

Formula: $\text{Al}_2(\text{SiO}_4)(\text{F},\text{OH})_2$

Crystal System: Orthorhombic

Name: Named after Topasos Island in the Red Sea. In antique times, the name was probably used for the gemstone that is now known as Peridot.



irocks.com photo

Topaz : $\text{Al}_2(\text{SiO}_4)(\text{F},\text{OH})_2$, **Elbaite** : $\text{Na}(\text{Li}_{1.5}\text{Al}_{1.5})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{O},\text{H})$, **Albite** (Var: **Cleavelandite**) : $\text{NaAlSi}_3\text{O}_8$

Locality: Stak Nala, Haramosh Mts., Skardu District, Baltistan, Gilgit-Baltistan (Northern Areas), Pakistan

6 cm x 5 cm x 4.8 cm



irocks.com photo

Topaz : $\text{Al}_2(\text{SiO}_4)(\text{F},\text{OH})_2$

Locality: Klein Spitzkopje granite stock (Kleine Spitzkoppe), Spitzkopje Area, Karibib District, Erongo Region, Namibia

2.8 cm x 1.3 cm x 1 cm



irocks.com photo

Topaz : $\text{Al}_2(\text{SiO}_4)(\text{F},\text{OH})_2$, **Opal** (Var: **Opal-AN**) : $\text{SiO}_2 \cdot n\text{H}_2\text{O}$

Locality: Tepetate, Mun. de Villa de Arriaga, San Luis Potosí, Mexico

4.5 cm x 4.1 cm x 3.2 cm



irocks.com photo

Topaz : $\text{Al}_2(\text{SiO}_4)(\text{F},\text{OH})_2$

Locality: Thomas Range, Juab Co., Utah, USA

3 cm x 2.2 cm x 1.5 cm

With Knowledge Comes Appreciation !

MSSC Advertisement Policy:			
Mineral-related ads are allowable in the MSSC bulletin. Below is the price per month			
	Business Card	\$5.00	
	1/3 page	\$10.00	
	1/2 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 bulletin@mineralsocal.org and the payment should be sent to the MSSC Treasurer 1855 Idlewood Road, Glendale, CA 91202			

Did you know?

When a mineral specimen looks like scales or lamellae, it may be described as:

Descriptions are as defined in Manual of Mineralogy, 15th edition, by: Dana & Hurlbut; published in 1941



irocks.com photo

Plumose

Consisting of fine scales with divergent or featherlike structure.

Sphalerite : ZnS ,

Pyrite : FeS_2 ,

Baryte : BaSO_4

Locality: [Wiesloch, Baden-Württemberg, Germany](#)
5.3 x 5.0 x 0.9 cm.



The Pasadena Lapidary Society



Presents The

2014 Annual Statewide Show & Convention
of the

CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES

"California's Gem & Mineral Bounty"

FAIRPLEX, Building 5, Pomona, CA

May 30, 31 & June 1, 2014

Friday & Saturday, 10 AM to 5 PM

Sunday, 10 AM to 4 PM

Admission:

Adults \$5, 3-day pass \$12

Seniors 60+ & Military \$4,

3-day pass \$10

Juniors (13-17) \$3, 3-day pass \$7

Kids 12 & Under—Free w/paid Adult

Gems, Minerals, Beads, Rocks,
Fossils, Jewelry, Dealers,
Exhibits, Speakers, Demos,
Raffles, Silent Auctions,
Kids Activities!



Fairplex, Building 5, 1101 McKinley Ave., Pomona, CA.

Parking in Lot 3 for \$10

For more information contact—626 260-7239

Visit Show Web Site - www.cfms2014show.com

Did you know?

Other terms that are often used to describe mineral specimen are:

Descriptions are as defined in Manual of Mineralogy, 15th edition, by: Dana & Hurlbut; published in 1941



Granular

The mineral consists of an aggregate of large or small grains.

Cuprite : Cu_2O , on

(Granular) **Quartz** : SiO_2

Locality: [Wheal Gorland, St Day United Mines \(Poldice Mines\), Gwennap, Camborne - Redruth - St Day District, Cornwall, England, UK](#)

4.2 x 3.8 x 3.2 cm

irocks.com photo



irocks.com photo

Stalactitic

The specimen is a pendent cylinder or cone formed by deposition from mineral-bearing waters dripping from the roof of some cavity.

Aragonite (Var: **Flos Ferri**) :

CaCO_3

Locality: [Styrian Erzberg, Eisenerz, Styria, Austria](#)

9.6 x 8.0 x 6.6 cm.

2014 MSSC Officers:

OFFICERS		
President	Ann Meister	president@mineralsocal.org
Vice President	George Rossman	vicepresident@mineralsocal.org
Secretary	Angie Guzman	secretary@mineralsocal.org
Treasurer*	Jim Kusely *	treasurer@mineralsocal.org
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2013--2014	Bob Housley	
2013--2014	Leslie Ogg	
2014-2015	Pat Caplette	
2014-2015	Pat Stevens	
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Bulletin Editor	Linda Elsnaue	bulletin@mineralsocal.org
Hospitality	Laura Davis	
Membership	Cheryl Lopez	membership@mineralsocal.org
Micro Mount Conf. Chairman	Al Wilkins	
Program and Education	Rudy Lopez	programs@mineralsocal.org
Publicity	Linda Elsnaue	bulletin@mineralsocal.org
Webmaster	Leslie Ogg	webmaster@mineralsocal.org
* Treasurer	Jim Kusely –proviso due to surgery, mid-year, Ahni Dodge and Laura Davis to assist while Jim convalesces	

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. The MSSC is a scientific non-profit organization that actively supports the geology department at Pasadena City College, Pasadena, California. Support is also given to the Los Angeles and San Bernardino County Museums of Natural History. 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 usually held the second Friday of each month, January, February and August excepted, at 7:30 p.m. in Building E, Room 220, Pasadena City College, 1570 E Colorado Boulevard, Pasadena, California. The annual Installation Banquet is held in January, and the annual Picnic and Swap Meeting is held in August. Due to PCC holidays, meetings may vary. Check the Society website for details.

The Society also sponsors the annual Pacific Micro mount Symposium held at the San Bernardino County Natural History Museum during the last weekend of January.

Annual Membership dues for the MSSC are \$20.00 for an individual membership, \$30.00 for a family membership. Bulletins are delivered by email, there is an additional annual \$20.00 fee if you prefer paper bulletins mailed to your address. The Society's contact information:

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To:

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