



Bulletin of the Mineralogical Society of Southern California

Volume 88 Number 7 - July, 2015

The 923rd meeting of the Mineralogical Society of Southern California

With Knowledge Comes Appreciation

July 10th, 2015 at 7:30 P.M.

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

Program: The La Brea Tar Pits Presented by John Harris

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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

About the Program: The La Brea Tar Pits Presented by John Harris

The La Brea Tar Pits constitute one of the world's richest Ice Age fossil sites. The Page Museum's collections include more than 5 million fossils representing over 600 species of animals and plants. These provide a detailed record of life in the Los Angeles Basin during the waning phases of the last Ice Age.

Natural asphalt from the La Brea Tar Pits was used for various purposes by Native Americans and early European settlers. Fossils weren't recognized from the asphalt seeps until the late nineteenth century. Excavations in the early twentieth century documented prolific elements of the iconic late Pleistocene megafauna and the tar pits became the type locality of the Rancholabrean North American Land Mammal Stage. More recent studies have focused on the behavior of the extinct mammals, the habitats present in the Los Angeles Basin during the late Pleistocene, and the changes that have taken place as the area experienced global cooling and global warming.

John Harris was born and raised in London, England. He received his B.Sc. (Hons) from the University of Leicester, his M.A. from the University of Texas, and his Ph.D. from the University of Bristol. He became Director of Paleontology at the National Museum of Kenya in 1971 and was subsequently appointed Chief Curator of Earth Sciences at the LA County Museum of Natural History in 1980. He recently retired from the county although he retains the position of Chief Curator Emeritus at the Page Museum of La Brea Discoveries. During much of his career his research focused on the mammals associated with early humans in Africa. More recently he has become fascinated with the animals that inadvertently became trapped in the tar pits—an awful way to die but a wonderful way to preserve fossils!

From the Editor:

Lots of MSSC business this month! First, If you get a parking ticket from the PCC guards while at a meeting, let an officer know right away, preferably before you leave the parking lot. It doesn't happen often, and shouldn't happen at all! MSSC will take it up with campus security! Do check out the information about our upcoming picnic and I hope to see many of you there. Have a safe & happy 4th of July ... See you at the meeting, Linda Elsnau

MEANDERINGS FROM THE PRESIDENT by Ann Meister

It happened again – parking tickets on windshields at the June meeting, including one guest and one member who had the MSSC pass on the “wrong” side of their dashboard. If you got one, please send it to Bruce Carter. He is our liaison with the campus authorities. The tickets along with locking the building door so that people have to pound on it to get someone's attention, is what the campus security is doing to annoy us. Perhaps when we are sufficiently annoyed, they think we will move to a new venue? Actually, that would potentially allow us to meet on a night other than Friday. For those of you who stay at home on the second Friday of the month, what would prompt you to attend a meeting? Leslie is putting a questionnaire on the website. Let us know. You can also email me or any MSSC Officer or Board member.

Historically, the first meeting of forty interested people was held on June 23, 1931 at the Pasadena Public Library, where the Society continued to meet on the second Monday of the month. In the November 1931 *Bulletin*, President John Renshaw remarked that the attendance had grown to the capacity of the room, nearly 200 people which is what I remember from the 1950's. In the 1960's we moved to McCurdy Nature Center at Eaton Canyon Park with meetings still on the second Monday. That move allowed us to have a social hour with refreshments after the meeting and not to be limited by the Library closing time. After the Altadena Fire in October 1993 when McCurdy was consumed, we moved to the LA County Arboretum in Arcadia and the meeting night moved to the second Wednesday. In May 1999 we moved to PCC and the second Friday where the meeting was considered a joint activity with the PCC Dana Club. All other nights, the room is in use and parking is difficult. The rebuilt Eaton Canyon Nature Center does have an auditorium where other groups such as the Audubon Society and Sierra Club meet. Perhaps we should take a look...

In the Department of Strange Coincidences: Just days after Justin’s talk on the attempt to oust serpentine as the California State Rock that included a discussion of how it has been inaccurately linked to asbestos and mesothelioma, I get a (spam) email at work from “Mesothelioma Watch” asking, “Could one of your past jobs have exposed you to Asbestos?” Then it listed twelve “Jobs and things that could have put you in danger of mesothelioma,” followed by a list of about 30 trades such as auto mechanics, merchant marines, plumbers, and so on. You were supposed to click on a link to “Review Your Mesothelioma Packet for more information by searching ad listings.” I did not click on the embedded links since this is not safe, but I did research the email address domain. Curiously, the domain which I will disguise as, meso\$irsk, is observably a miss-spelling of meso\$risk which I found intriguing. The domain meso\$risks is for sale for (only) \$1,895. On a website that checks for phishing, meso\$irsk was listed as non-malicious and a screenshot of the site’s home page showed links to many mesothelioma resources such as lawyers, treatment, news, etc. Whether this is phishing or not, it is fishing for potential clients for lawyers to dig into the pot of \$\$\$ that Justin told us about.

Oh boy! Another California disaster movie: *San Andreas*. Just in time for your summer viewing pleasure, but don’t blink, you may miss it – in fact, by the time this is published, it may already be gone. According to the blurbs, it’s “So big it will be felt from California to the East Coast. So big it will rock the Richter Scale at numbers never seen. So big it will turn Hoover Dam into a soggy rock pile and threaten to immerse the Golden Gate Bridge under a wave of biblical proportions.” Many errors (or per the Producer, “embellishments”) in this one. The experts said that their look at the *San Andreas* trailers suggests that the film and science will diverge in several places. I believe that is a tactful understatement. Oh well, maybe it will prompt people to prepare for “the Big One” – one of those teachable moments we hear about. If we’re lucky, maybe it will scare some folks into vacating California and prevent other folks from moving here in the first place. Wishful thinking?...

HEAD’S UP REMINDER: Put the Picnic/Potluck/Swap on your calendar – August 9 at noon. Details are elsewhere in the *Bulletin*. I’ll see you there and **LET’S EAT!**

List of Upcoming MSSC Events : Mark your Calender!

Event	Date	Comments / Scheduled Program (if known)
Meeting Dates:	September 11, 2015	Fred & Linda Elsna: “Bones of the Thunder Lizard”
	October 9, 2015	Tony & Sandie Fender: 50 Unusual things in the Mojave Desert/ Mount St. Helens
	November 13, 2015	Chuck Houser? Calcite/ Elizabeth R/ Oceanview Mines, Pala/ Minerals/ Mining San Diego County
	December 11, 2015	Forestry Service Monument Program
Annual MSSC Picnic	August 9, 2015	At Bruce & Kathy Carter’s home: Don’t Miss It!
Board Meeting	September 13, 2015	Board Meeting at Bruce Carter’s house
Annual Banquet	January 9, 2016	At The Oak Tree Room, CoCo’s Restaurant, Arcadia

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

MINUTES of the June 12th, 2014 Meeting

The 922nd Membership Meeting of the Mineralogical Society of Southern California (MSSC) was held Friday, June 12, 2015 at Pasadena City College’s Geology Department. The meeting was called to order at 7:35 p.m. by President Ann Meister.

Regular Business

- President Ann Meister welcomed all members and guests.
- A **Motion** to approve the Membership Minutes of May 15, 2015 as published in the *Bulletin* for June 2015 was made by Linda Elsna and seconded by George Rossman. Motion was approved by unanimous vote of the membership.
- Deadline to submit items for the *Bulletin* is Monday, June 22, 2015.
- CFMS Director, Jo Anna Ritchey, is attending their convention in Lodi, CA.

Announcements

- MSSC's annual picnic will be August 9, 2015 at the Carter residence and will be from Noon – 4:30p.m. The theme for the picnic is Favorite California Mineral. More information is forthcoming in the next *Bulletin*: swap tables, RSVP information, what to bring, etc.
- Next Board Meeting will be Sunday, September 13, 2015 at 1pm at the Carter residence. All are welcome to attend.
- The first annual L.A. Urban Nature Fest at Natural History Museum of Los Angeles will be held on June 27 and 28, 2015. Rudy Lopez, Program Chair, is organizing MSSC's participation for the event. Rudy reports we will have an 8' table for MSSC outreach. He also says that he is still looking for volunteers to help. Presently, Cheryl Lopez, JoAnna Ritchey, Dale Harwood, Martha House, Angie Guzman and Rudy, of course, have committed to help. Rudy will advise everyone who is volunteering about parking and entry to the event. If you can help promote MSSC and in the process enjoy what looks like a great event, contact Rudy Lopez now.
- Program Chair Rudy Lopez reports the field trip to UCLA Meteor Museum on Sunday, October 18, 2015. Since parking is at a premium (we have to pay per car), it's best to try and team up with member(s) and carpool to Westwood. More information coming at the July 10, 2015 meeting.
- Program Chair Rudy Lopez announced next month's program will be on the La Brea Tar Pits.

Show & Tell

- Bruce Carter had a newsletter about Michigan coppers and other things.
- Marek Chorazecwicz had extra specimens of Gold Hill minerals from the NCMA Micromount Symposium give-a-way table. He had also received a package of minerals from Freiberg, Germany for us to look at.

Program

Program Chair Rudy Lopez introduced the night's speaker, Justin Zzyzx. Mr. Zzyzx's presentation was The Fight to Save Our State Rock, California Serpentine, and How We Won.

California was the first state to have a State Rock. With lobbying by the California Federation of Mineralogical Societies, the California legislature declared serpentine the State Rock in 1965. Serpentine is greenish to brownish to black with a waxy or greasy feel. Peridotite metamorphoses to serpentine, which is actually a family of magnesium silicate minerals. It is found the Coast Ranges, Klamath Mountains and Sierra Nevada foothills. Sparsely vegetated areas are often "serpentine barrens." Ten percent of CA wildflowers only grow in serpentine deposits. It is used as a replacement for jade in the lapidary arts.

State Senator Gloria Romero, on the urging of the Asbestos Disease Awareness Association, introduced a bill SB 624 to drop serpentine because it supposedly contains the carcinogen asbestos. There are two forms of asbestos: Crysotile which occurs as fibrous veinlets in serpentine and amphiboles such as anthophyllite and amosite. Justin showed pictures of both forms side-by-side. There is a marked difference between the two.

The amphibole forms of asbestos are brittle, with the cleavage fragments forming sharp daggers that do not dissolve in acid. This is the most common form of asbestos that was used for insulation and other industrial applications. When inhaled, usually as a fine dust from mining and processing, it lodges in the lungs and cannot be removed. This causes the disease mesothelioma.

Crysotile bends and warps like a human hair; it dissolves readily and has a 14 day life in the body. It is not widely used for asbestos products.

Scientists, including George Rossman, spoke out against removing serpentine as the state rock. Ultimately, the bill failed. Had the bill passed, the lawyers could potentially have sued museums, builders who use serpentine as a decorative stone, and property owners. Under the Twitter hashtag #CASerpentine, Justin wrote, "Dear Gloria Romero, you have picked the wrong nerds to mess with!"

After his presentation, Mr. Zzyzx answered questions from the audience.

Door Prize drawing was won by B.J. Ledyard

Adjournment was called at 8:50 p.m.

Respectfully submitted: Angie Guzman, MSSC Secretary.

Apologies in advance for any misspellings in this Minutes/aag

[Secretary's Note: *Big THANK YOU to Ann Meister and Rudy Lopez for taking notes of the meeting as I was unable to attend.*]

MSSC Board Meeting Minutes, June 7, 2014

1. Call to Order and Roll Call: The Mineralogical Society of Southern California (MSSC) Board meeting was called to order at 1:02 p.m. by Board President Ann Meister. After Ann's welcome, the Roll Call of Board members was taken. Those present were Ann Meister, George Rossman, Jim Kusely, Angie Guzman, Bruce Carter, Jo Anna Ritchey, Leslie Ogg, Pat Stevens, Linda Elsnau, and Rudy Lopez. Excused were Bob Housley, Cheryl Lopez, Geoff Caplette, Pat Caplette and Al Wilkins. Visitor: Fred Elsnau. Thank you to Bruce and Kathy Carter for again hosting the meeting.

2. Minutes: There was a **Motion from the floor by Jo Anna Ritchey and seconded by Leslie Ogg to approve Amended Board Meeting Minutes of March 1, 2015 as published in the April 2015 Bulletin** with the following spelling corrections: Ann Meister pointed out 2 spelling errors: (1) Section 3.7, Webmaster Report, *Bussy should be Besse* and, Section 3.8 PMC Chair Report, in the Motion, *Rosa should be Rose*. The vote to approve the Amended Board Meeting Minutes passed unanimously.

3. Old Business and Committee Reports

3.1 President's Report:

(1) **MSSC as a Donor:** Ann Meister, directing her comments to Bruce Carter, who was not in attendance at the last Membership Meeting, expressed her surprise when she noticed MSSC was not listed as a donor in the program for the fundraiser hosted by and for the Pasadena City College Foundation. [You may recall that during our last Membership Meeting, Mr. Mosesson's presentation on Wello Opals was interrupted by loud sound checks outside our meeting room window]. Bruce Carter responded by saying he will make sure it is not overlooked in the future;

(2) **Policy and Procedures:** Rudy and Cheryl Lopez have already prepared their Policy and Procedure "how to" segments. Everyone else on the Board is asked to e-mail their draft to other members of the Board for review and when completed, the procedure manual can be compiled. **Discussion on this item is tabled until next Board meeting;**

(3) **Slate of Officers:** **Also for the next Board meeting**, our Slate of Officers is due to be published in the October 2015 *Bulletin* and then voted on at the November 2015 Membership Meeting. Aside from the board seats, there are 3 Director positions available for the 2-year term 2016-2017. For the present Board, if you do not wish to run for the 2016 term, please let us know and/or find a replacement for your position;

(4) **Membership:** Discussion regarding how we can increase our membership, why people don't come to meetings, outreach to PCC Geology staff and students (Bruce will speak to the professors again);

(5) **Meeting locations:** Discussions about meeting locations, open houses, workshops, workgroups and,

(6) **Reaching Members:** Discussion about possibly using PCC's Skype system to reach those who can't make it to meetings, put questionnaire in *Bulletin* and/or website, mention in Meanderings column, lectures on disc. Face to face socialization is important.

3.2 Treasurer's Report:

(1) **Fund investments:** Jim Kusely reports there are funds just sitting not earning much interest that he would like to speak with Financial Advisor (Ida) at Merrill Lynch about investing in something more aggressive. Patrick Stevens was able to shed some light on taxable income investments. He offered to help the Treasurer but is not authorized to be spokesman for MSSC. Jim will proceed and get a few quotes;

(2) **½ price for Membership:** Discussion regarding policy of offering ½ price membership starting in July. The Los Angeles County Museum of Natural History's Urban Fest at the end of June was mentioned as a great place to offer the membership discount. **A MOTION was made by Linda Elsnau and seconded by Ann Meister**

to allow the ½ price membership beginning after the June 2015 Membership meeting until the end of the year. This includes ½ price for the paper *Bulletin* through the end of the year, as well. The motion was voted on and passed unanimously by the Board;

(3) Forms: More membership forms need to be printed out;

(4) Backup copies of the books: Jim made the suggestion that someone has a backup of MSSC books on CD-ROM or other media (i.e., flash drive). Secretary Angie Guzman offered to safe keep the CD backup (exact copy of Treasurer's records). The CD Jim handed over to Angie is labeled 6/7/15.

3.3 Federation Director Report:

(1) Convention in Lodi: Jo Anna Ritchey will have a report after the convention this week in Lodi, CA.,

(2) Questions/Comments: Jim wants a selfie for the Bulletin; CFMS website is not up to date; no new director yet.

3.4 Membership Chair Report:

(1) New members: Cheryl Lopez was excused so her report was given by Rudy: 1 new family became members;

(2) Roster: Discussion snail mail vs. e-mail and legal issues. Ann suggested putting footer on each page of the Roster rather than just on the cover page. Rudy said he could do that. Cheryl should look at her budget to see if she can print 20 or so more. Jim said he did not get the mailing but has one now.

(3) Brochure: Discussion includes printing more for Jo Anna to take to Lodi, some items need to be edited, make sure reader is directed to website for meeting updates and include next year's schedule of dates.

3.5 Programs Chair Report:

(1) Speakers: Rudy Lopez reports that we have speakers booked through the year. There is one change, the Forestry Service will be in December and Mr. Harris from the Page Museum (La Brea Tar Pits) will be in July – we may get a field trip to the archeological dig and possibly the back room tour;

(2) Invite other clubs to our Picnic and meetings: Rudy may give formal invitation to other clubs, i.e., MOROKS, Culver City Rock and Mineral Club, etc.

(3) MSSC Speakers: Bruce Carter will be our speaker for the January 2016 Installation Banquet providing a new presentation and, George Rossman will be later in the year. Overall, we have speakers almost to June 2016.

[George mentioned the Forest Service, L A County Film, BBC and others are forbidden from filming in the San Gabriel National Forest because of concerns about illegal mining and endangered species in the canyons.]

(4) Urban Fest: Urban Fest volunteers are Jo Anna, Rudy and Dale Harwood, so far. E-mail Rudy to be put on the list. Rudy will bring microscope, samples to show on laptop, flyers, *Bulletins*, brochures and applications for Membership. The Urban Fest is June 27-28 9:30am to 5pm;

(5) Printing costs: Flyers, brochures, applications and *Bulletins* need to be printed for this and other events. Jim mentioned there is a \$20 credit Rudy can use. **A MOTION was made by Jo Anna Ritchey and seconded by George Rossman for Program Chair's printing expense, including paper, not to exceed \$125.** The vote was taken and the motion passed unanimously by the Board;

(6) Field Trip: Field trip to UCLA Meteor Gallery will be Saturday, October 18, 2015. The tour is free but there is a parking fee. Discussion followed to consider carpooling to save money. More information will be forthcoming.

Break at 2:25pm. The meeting was called back to order by President Ann Meister at 2:40pm.

Ann brought up Speaker Fees: Should we pay them what they ask or should we pay them what we normally pay? After discussion, the consensus was we should pay what we normally pay (\$150). Mention was made of the Banquet speaker, the banquet is normally comped for the speaker and his/her spouse plus the speaker fee.

3.6 *Bulletin Editor Report:*

(1) Printing issues: Linda Elsnau reports her color printer no longer works, could not have the May *Bulletin* printed at Office Depot so it was printed on her home laser printer. Linda calculated that the cost is 9¢/pg. The June *Bulletin* printing cost for 14 copies was \$15.12.

Ann suggested that Linda periodically check with Office Depot, say, to see if their rates increase;

(2) Ad: Dale Harwood, an MSSC member and a member of Delvers club wants to put an ad in the *Bulletin*. Do we give him a reduction because the ad is for a club? We need to charge him but how much? After discussion, it was decided to give a ½ price discount for the full page ad to run one month, September 2015. The Board was in agreement on this item and a **MOTION was made by George Rossman and seconded by Ann Meister to approve a ½ price discount to Delvers club for a full page ad in the September *Bulletin*.** The Board approved the motion by unanimous vote;

(3) Deadline for all *Bulletin* items will be June 22, 2015. Need articles!

3.7 *Webmaster Report:*

(1) Website stats: Leslie Ogg provided a handout showing stats through the current date. She will update the data periodically.

3.8 *PMC Chair Report:*

(1) No official report but Ann Meister will check with Al Wilkins and Bob Housley to set up a meeting (possibly in September) to discuss the next Pacific Micromount Conference;

(2) Surge protectors: Rudy says he has about 10 extra surge protectors we can use for the next PMC;

(3) Chairs and Tables: Discussion about chairs (stacking) at Costco (under \$500 for 14 pk) or U-line. May need a chair dolly for ease of storing/moving. The chairs need to be comfortable! As for tables, they need to be 6' but of what material? Ann will contact Jennifer at the San Bernardino County Museum for table specs and a room set-up template;

(4) MSSC labels for chairs and tables: Discussion about label type and wording to be used: "Donated by MSSC and PMC" (spelled out) or? Plastic gummed labels are durable and foil is another option. Also, placement of labels on chairs and tables was discussed. Ann will check for more information and cost/pricing.

3.9 *Old Business:*

(1) Picnic: Do we want a theme for the picnic and if so, what are some suggestions? California minerals? What is your favorite California collecting area? Bring an example of it and tell a story about it.

(2) Budget non-food: Ann states her budget is \$35 for plates, cups and other picnic/PMC items. **A MOTION was made by Jo Anna Ritchey and seconded by George Rossman to provide Ann with a budget not to exceed \$35 for picnic/PMC items.** The Board approved the motion by unanimous vote;

(3) Budget food: Rudy reported that 35% of those who RSVP'd were no shows last year and there was too much left over. Because our picnic is a potluck, we don't need as much meat; people will be bringing other things. Rudy's budget last year was \$465. Discussion followed about chili (Jim), soda (Angie), sno-cone machine (Leslie), bean salad (Ann) and others. This year, Rudy will purchase and prepare a variety of meats including Tri-tip, racks of ribs, pork shoulder and brisket. He projects his cost to be \$300. **MOTION was made by Angie Guzman and seconded by Jo Anna Ritchey to approve Rudy's picnic expenditure not to exceed \$300.** The Board approved the motion by unanimous vote.

(4) Picnic hours: The picnic hours will be Noon to 4:30pm on August 9, 2015 (socializing followed by food, our informal program and completion).

3.10 *Follow-up on activity proposals from previous meeting:* N/A

4.0 *New Business:*

4.1 *Activity Proposals:* None

Next Board meeting will be September 13, 2015 1 p.m. at Bruce Carter's home.

Bruce Carter mentioned that Dee Trent sent him a newsletter on Michigan minerals. He will bring it to the next meeting to anyone to see.

Seeing no more business before the Board, the meeting adjourned at 3:28 p.m.

Respectfully submitted, Angie Guzman, Secretary

CFMS Board of Directors Meeting, Lodi, CA

The CFMS Board Meeting was held on Saturday, June 12, 2015 at the CFMS Show in Lodi. We had Directors representing 55 Clubs, 5 Officers, and 25-30 Committee Chairman. The next CFMS Show will be in Placerville from September 16, 17, 18, 2015. This Show will coincide with the World Gold Panning Competition which will begin on Sunday September 11, 2015. The City Council, Chamber of Commerce, and all clubs are preparing for this event. If you are planning to go, I recommend that you get your hotel reservation in early. Ventura has put a bid in for the 2017 AFMS/CFMS Show, if accepted will be in June 2017.

Nancy Bird reminded us that each club can have 1 Rockhound of the Year each year.

New Speakers had been added to the Podium People.

Under New Business we admonished to be aware that anything put on Face Book or other Social Media stays on line forever. So don't post anything you might regret later.

Jo Anna Ritchey, MSSC CFMS Director

PCC Field Scholarship Winner

In May at the Natural Sciences awards ceremony one of the field science scholarship awardees was Natalie Morgan. Natalie previously received an AA degree in music from a college in West Virginia. A few years later she decided to drive across the country and settle here in southern California. Although currently well employed she has decided that she will pursue a longer-term career in geology. She plans to attend California State University after PCC and knows that she wants to do something that involves opportunities to do field work, perhaps volcanology. Geology professors at PCC speak very highly of her skills and the enthusiasm she brings to all her classes.

Natalie is currently the US champion amateur Muay Thai fighter (a type of kick boxing) and will compete in her first international match next month. She expects to gain professional status later this year. But she is looking ahead to a career in geology and this scholarship will help her achieve her goals. She is well aware of the MSSC's support for this scholarship.

Calendar of Events:

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

JULY 2015

no shows listed

Editor's Note, I know this next show isn't local, but it is of interest to local collectors, and it's the only show listed for August in the CFMS website!

AUGUST 2015

August 7 - 9: NIPOMO, CA
Orcutt Mineral Society, Santa Maria
Nipomo High School
525 North Thompson Avenue
Hours: Fri & Sat 10 - 5; Sun 10 - 4
Website: www.omsinc.org

With Knowledge Comes Appreciation

2015 MSSC POT-LUCK / PICNIC / SWAP

CELEBRATING Your Favorite California Mineral

- When:** Sunday, August 9, 2015
Time: Noon to 4:30 pm (we'll eat at 1:00pm.)
Where: Home of Bruce and Kathy Carter,
146 Highland Place, Monrovia, CA
Food: Potluck (see below)
Drinks: Water provided. Bring other beverages as you prefer.
RSVP: Cheryl Lopez – Phone: (626) 351-6283 or:
email: membership@mineralsocal.org
Please RSVP by August 6th

THE LOCATION:

Bruce and Kathy's home is just north of Foothill Blvd and west of Mayflower Ave in Monrovia. Street parking is available. They have a beautiful back yard with shade structures and an outdoor kitchen. If it is too hot, then we can easily move into the air conditioned house.

Driving Directions from the 210 Freeway:

Exit the 210 at Huntington Drive and go east to Mayflower Ave. Turn North to Foothill Blvd. Then go West one block to Highland Place. North to #146. If you get lost, Bruce's phone number is 626-357-4532.

THE POTLUCK:

MEAT: Rudy is bringing his outstanding, 5-star BBQ! There is also a gas BBQ grill available if you would like to bring your own meat to grill.

SALADS, DESSERTS, OTHER: Leslie is bringing her Hawaiian Shave Ice machine and syrups. Ann's bringing her bean & goodies salad that won raves at the micromount conference.

Please bring your own special potluck offering to share: a salad (homemade or from the deli), chili, chips and dip, salsa or guacamole, a veggie tray, grapes, fruit salad, a jar of pickles or a can of olives; cookies, pie or other dessert item, or anything edible. Let's see what delicacies turn up this year!

MSSC will supply plates, cups, napkins, knives, forks and spoons and will also supply water and ice. It is suggested you bring any serving utensils your contribution requires. Be sure to mark them and your serving dish with your name or initials so you're sure to get them back.

THE SWAP TABLES:

Those of you who are so inclined may bring items to sell or trade that are related to our hobby – minerals, fossils, lapidary, gems/jewelry, geo-science books, and mining memorabilia.

THE PROGRAM: “Your Favorite California Mineral”

What's your favorite California mineral? If you can, bring the specimen so we can all admire it. Why is it your favorite? Where did you find it? Let's hear some outrageous collecting (or silver-picking) yarns (sometimes they're kinda like fish stories). We'll share our memories during Show'n'Tell. In addition, bring pictures and/or other items to support your wild tale. Bring pictures whatever else you think others will enjoy.

Please RSVP to Cheryl Lopez at the email address or phone number listed above so we know how many are coming and how many tables and chairs we need. If you call, there is an answering machine so please CLEARLY IDENTIFY YOURSELF and HOW MANY ARE IN YOUR PARTY.

See ya'll there!

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	

WEST COAST GEM & MINERAL SHOW

NOV. 13 - 15, 2015

SANTA ANA, CA

Holiday Inn - Orange County Airport
2726 S. Grand Ave.
(55 Freeway exit 8 for Dyer Rd. to S. Grand Ave.)

80 Great Dealers

Minerals ★ Fossils ★ Gemstones

Jewelry ★ Beads ★ Decorator Pieces

Meteorites ★ Lapidary ★ Metaphysical



Calcite on Amethyst - Antiguas, Uruguay
Photo by Jeff Scovill©

**FREE ADMISSION ★ FREE PARKING ★ RETAIL
WHOLESALE FOR QUALIFIED BUYERS**

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

LLD Productions, Inc., P.O. Box 665, Bernalillo, NM 87004, Fax: (303) 223-3478, mzexpos@gmail.com
www.mzexpos.com Like us on Facebook ~ facebook.com/mzexpos

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	
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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, except January, February and August, 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:

Mineralogical Society of Southern California

1855 Idlewood Rd.,

Glendale, CA 91202-1053

E-mail: treasurer@mineralsocal.org

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