

**Editor – Denise Davis
Monrovia Rockhounds
P.O. Box 553
Monrovia, CA 91017**



MOROK Newsletter June 2015

Monrovia Rockhounds Newsletter June 2015

Mark your Calendars!

TODAY-Please pay your dues.

June 14, 2015 Flag Day



June 18, 2015, General Membership Meeting 7 P.M.

June 20, 2015-Field Trip to the Himalaya Tourmaline Mine. Reservation required.

June 21, 2015 Fathers Day

July 3, 2015 Board Meeting 7 p.m.

July 4, 2015– Independence Day



July 12, 2015 SUNDAY, Picnic & General Membership Meeting.



Dues can be paid by mail or in person at the June Meeting. Please mail to the PO Box.

MOROKS JUNE 2015 NEWSLETTER



MONROVIA ROCKHOUDS



Our Website is www.moroks.com

 Find us on
Facebook

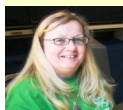
BOARD OF DIRECTORS



PRESIDENT – Cal Matthews
(626) 798 -7481



VICE PRESIDENT – Michele Silcock
(626) 357-8425



SECRETARY – Denise Davis
(626) 294-9043



TREASURER – Jim Lloyd
(626) 793-9239



AUDITOR – Kevin Doran
(626) 775-4185.

Mailing Address: Please use this address ONLY.

Monrovia Rockhounds
PO Box 553
Monrovia CA 91017

Donations/Sales: Please contact President Cal Matthews at 626-798-7481 regarding any and all donations or sales of tools, equipment and rocks. He will arrange for pickup or in the case of a sale he will inform the members of your event.

Advertising: Ads in this newsletter start at \$5 per month for a business card sized ad, 6 month minimum insertion. Contact Denise Davis, Newsletter Editor at 626-294-9043.

Show: Contact Jo Anna Ritchey-(626) 359-1624

Special Events: If you have an event you wish to share, please contact Cal Matthews or Denise Davis .

Mission Statement : Our Purpose is to promote popular interest and education in the earth sciences, including geology, mineralogy, paleontology, the lapidary arts, and related subjects; to sponsor and provide means of coordinating the work and efforts of persons and groups with similar interests; and by and through such means to strive toward greater community and international good will and fellowship. We also support promoting and ensuring the right of amateur hobby collecting, recreational rock hunting and the use of public and private lands for educational and recreational purposes related to the earth sciences. We are a registered 501 C 3 education non profit organization.

Affiliations & Accreditations: The Monrovia Rockhounds is affiliated with the California Federation of Mineralogical Societies, Inc. (CFMS), the American Federation of Mineralogical Societies (AFMS), and the American Lands Access Association (ALAA).

Membership: Dues are \$20.00 per member per year due by April 1st and \$10.00 per each additional member at the same address. Initiation Fee is \$10.00 per name per new member and includes membership packet and MOROK name badge.

Meetings: Meetings are held on the 3rd Thursday of each month. at 7:00 pm, in the basement of the United Methodist Church of Monrovia, located at 140 E. Palm Ave. Monrovia CA 91016. The building is on the corner of Ivy & Palm Ave. We use the door where there is handicapped access in the alley on the west side of the building. Do not try to enter from the front of the building. Guests are always welcome at our General Meetings. Please come and share our love of rocks.

Information: Monrovia Rock Hounds Inc. was founded August 28th, 1957. The club colors are green & white. The club is a non-profit organization dedicated to providing knowledge of the lapidary arts, geology, mineralogy, and other related fields. Members enjoy slide shows, lectures, demonstrations, displays, lapidary classes, as well as field trips for exploration, study and collecting specimens.

Newsletter: We reserve the right to edit all material submitted for publication. If you have any submissions for this newsletter or need to contact the editor Denise Davis please call 626-294-9043.

Happy Birthday to You!

The following Members have June Birthdays and we hope they all have a very special day: Linda Doran, Michael Carter, Michael Machlis, Becky Fregoso, and Aynn Freeman.

Happy Birthday!





Prez Sez

We lost another valued support person- Victor Castellano who took a new position with the State of California and intends to be based in San Carlos. The job opportunity and benefits were too good for Victor to pass up but we will miss him at the Fellowship Chair position within the club.

I made a mistake in bringing the dues increase directly to the club meeting when the Bylaws require that we modify them within the Bylaws for a change. This is a very cumbersome method to make such changes. After many non-harmonious discussions the consensus was reached to start a revision of our Bylaws. This would possibly include removing our membership fee from the Bylaws and put that function elsewhere. Several other changes need to be made to the Bylaws and Procedures. What we do with the present fees, when they should be effective and so on will be brought up at the June meeting.

Cal Matthews



Vice Prez Sez: I am looking forward to the club moving on. Jo Anna Ritchey and myself will be going the CFMS show on June 11th through 14th in Lodi, CA. I plan to attend some awesome new classes and get new information for the coming year.

If any of you have any programs that you would like us to have at the Club Meeting please contact me with your suggestions. Please provide the name and telephone number of the person you are suggesting.

I have secured a booth for the Club at Monrovia Association of Fine Arts Celebrate the Arts Show September 26 & 27th, 2015 so be sure to put it on your Calendar now. We need help at the Booth 10 a.m. until 6 p.m. both days. Also help to set up and break down the booth. *Michele Silcock*

June 20, 2015 — 10am to 3pm Field Trip to the Himalaya Tourmaline Mine Dig Your Own Stones

What: Tourmaline Dig Field Trip. **Where:** We are planning a field trip to the world's most famous tourmaline mine, the Himalaya Mine near beautiful Lake Henshaw in San Diego County, 20 miles east of Pala. **Access:** You can drive to within about 200 feet of the area, mostly on paved or maintained dirt road.

Minerals: Pink, green & watermelon tourmalines are what the mine is known for. Some other minerals found here are quartz crystals, apatite, morganite, clevelandite, calcite, lepidolite, feldspar, stibiotantalite, topaz, & spessartine garnet.

Cost: This is a fee-to-dig location. The fee for our group is \$50 for adults, \$25 for children ages 13-17 and children 12 years old and younger are free. All paid attendees will receive a raffle ticket for a special gem prize from the mine owners.

Reserve A Space: Space on this field trip is limited to the first 30 people who confirm. A list of names will be on the list provided to the mine operators. Mark Nelson, of the Pasadena Lapidary Society, will coordinate the trip. Contact him to reserve your place. (909) 996-1784 or pasadenalapidary@aol.com.

2015 MULTI-CLUB FIELD TRIP SCHEDULE

Expanded and current information for these collecting opportunities will be published in the Bulletin for the particular month. As always, you should to contact the field trip leader ahead of time because: 1. Sometimes field trips are canceled or changed for various reasons including inclement weather or areas being closed. 2. If we don't know you are coming we won't wait for you and you may not find out the planned camp site was moved until too late. Distributed to the representatives of the Delvers – Long Beach – North Orange County – Pasadena – Whittier – Searchers Gem - Monrovia Rockhounds Mineral and Lapidary Clubs For up-to-date information on these field trips and how to join the trip please see Kevin Doran, our club's field trip leader or call Joe Goetz at (626)-622-9420.

JUNE 20: TOURMALINE DIG - Pala area. Mine location to be determined.

JULY 18: PALOS VERDES -: Glaucofane, barite and agate minerals.

AUG 2: LOS OLIVOS to collect Soap Stone and Serpentine, the California State Rock.

SEPT 19-20: GREENHORN MOUNTAINS - Kernville Rose Quartz, Epidote, Garnet

OCT 10-11: SEARLES LAKE SHOW & field trips: Pink halite crystals & borax minerals.

NOV 7-8: WHITTIER CLAIM AREA - Barstow for honey onyx, agate, jasper, palm root.

NOV 27-29: THANKSGIVING TRIP - Owens Valley or Afton Canyon.

DEC 12: SALTON SEA - YUHA Fossil Beds, Tour Geothermal Power Plant, Mud Volcano Field.

JAN 24-25: QUARTZSITE ARIZONA

MAY 2015 MONROVIA ROCKHOUNDS GENERAL MEETING

Meeting was called to order at 7:00 PM. After the flag salute, welcome was given to members and guests. Louise Stack was thanked for the snacks we would have at the break. Then a decision was made to have **Dick and Mary Pat Weber** give their presentation of the Pilbara Region of Australia before the club meeting. When we found out the quantity of rocks they brought it was decided to get the early agenda items of the club meeting completed while they set up their display. **RoxAnn Sanchez** was welcomed as a new member, the members that had birthdays during the past two months were mentioned and congratulated without having birthday singing. Fellowship was asked if there were any, previously recognized, members that were disabled or sick. **Michele** announced that **William Preston Bowling** representing the Friends of LA River will speak on interests and education in the earth sciences including geology, mineralogy, paleontology and the Arts of Lapidary. would be next month's speaker. The club picnic, scheduled for Sunday July 12th, 2015, 11:00 AM to 3:00 PM Memorial Park Pavilion, 222 W. Sierra Madre Blvd. Sierra Madre, CA, was announced with food sign-ups explained and made available. Having announced the board's choice for Auditor in the bulletin, **Kevin P. Doran** was elected by unanimous vote. Reminders were made for membership dues as non-payers are now delinquent. Janie announced the schools and presentations she would be making during the coming month. The Webers then announced they were able to start their lecture. We learned many new things about the Pilbara Region and also about Australia in general. The concept of multi-trailer trucks as effective "trains" was completely new. One tractor and up to 17 trailers behind. The area they were collecting in is about the same size as California. We learned about Stromatalites <http://tinyurl.com/cgw2fuc> that converted our water world 3.5 Billion years ago into one with a breathable atmosphere 2 Billion years later. In the process those varieties of plant life deposited iron as some of the oldest rocks known. in forms, colors and shapes that we all crave as rockhounds. Miners and rock collectors use large baskets to store multiple tons of rocks each that are moved about on these truck-trains. They always have the right-away. Other casual words of advice they gave: always carry your back-hoe with you if you are going rock collecting and only try to collect in the dry season. Most roads were not paved and rivers often do not have bridges.

They brought a large assortment of rocks they had collected. We got two samples of rock from them that will be put up at our rock drawing and they will be coming back to give another lecture, tentatively in November, about the rocks from the Rain Forest portions of Australia.

Per Cal Matthews, President

June Program:

William Preston Bowling, Special Projects Manager at FoLAR (Friends of the Los Angeles River), born in Los Angeles, educated in Arizona, brings with him a background in water and soil quality as a former sub-contractor with the Environmental Protection Agency working on Los Angeles River Headwaters remediation & restoration. Over the past ten years, Mr. Bowling has been working at FoLAR on various projects including his brainchild, now in it's second year, a catch & release fishing derby, "Off tha' Hook" With a vast knowledge of Los Angeles River History, Bowling hosts several tours of the Los Angeles River including quarterly photography tours. Currently Mr. Bowling is in the 4th phase of a Los Angeles River fish study as Project Manager, looking at the toxicity of fish residing in the lower watershed at Long Beach.



Bench Tips by Brad Smith More BenchTips by Brad Smith are at **FaceBook** facebook.com/BenchTips or at **groups.yahoo.com/group/** Get all of Brad's bench tips in "Bench Tips for Jewelry Making" on Amazon.com

INVENTORY RECORD

In an ideal world each of us has a complete pictorial record of all pieces of jewelry in our inventory. We use it for insurance. We use it as a record of what was sent out on consignment. We use it to remember which items we are taking to a show. And eventually, we use it as a record of what we have sold.

Unfortunately, we don't always have time to take good pictures for the inventory. In situations like this I've been able to make a quick record with the help of a color copier. Simply place a number of pieces face down on the glass and make a copy. The quality is more than sufficient for an accurate record.

MONROVIA ROCKHOUNDS MAY 28, 2015 BOARD MEETING

May 28th 2015

Monrovia Rockhounds Board Meeting Location: Monrovia United Methodist Church

Note: This location was chosen after substantial searches for an inexpensive meeting place in several cities. Days and times were made flexible without getting a suitable free or low cost place. The church was chosen as the least expensive and private spot after an earlier location had been chosen then found to be inadequate.

Meeting was called to order at 7:35 PM. Welcome was offered to representatives, non-officer chairs and other club members. Officers present were Cal Matthews, Michele Silcock, Jim Lloyd and Kevin Doran.

Denise Davis, Secretary, was absent. Chairs present were Jo Anna Ritchey and Janie Duncan.

Representatives included Colleen Chestnut and Ray Ritchey. Please forgive and provide corrections to these meeting minutes as Cal Matthews tried to take notes while conducting the meeting.

Approval of prior month's board minutes was deferred until the Secretary can present them.

UNFINISHED BUSINESS

Fiscal year income and expenses were approved unanimously by the board after explanation of several items including the income by non-cashed check. Proposed presidential budget was also approved with modification of show publication expense increase and will be presented to membership at the next general meeting. Show income and expenses were approved after stating that the numbers were cash numbers without carry-forwards of deposits from previous year's and for the next year's shows. These are all based on Treasurer's check register and receipt book.

CHAIR REPORTS

Treasurer: Report of our bank balance was given and the number of paid members announced. One new member, RoxAnn Sanchez, completed her application and paid her dues.

Membership: Chair not present, Transportation crisis of car breakdown.

Fellowship: Chair not present, moving away to Northern California, replacement needed.

Custodian: No issues.

Show: All task description have been completed. Budget has been submitted.

Federation: Reservations have been made and funds authorized.

Education: This is a new position. Janie currently plans to enable this function. Her schedule will include three presentations to school classes and two classes for groups of BSA.

Field Trip: We have a new person as Chair. Kevin Doran presented information on the "combined lapidary clubs" field trip to the Pala Tourmaline mine in San Diego county on the 20th of June. This is a fee dig location and our price will be \$50 for a 10AM to 3PM tailings search. You get to keep what you find.

Bulletin: After Janie Duncan's resignation Denise Davis volunteered to publish our material for both hard copy, email and web publication (through Jo Anna Ritchey).

NEW BUSINESS

Details of the club picnic were repeated (Sierra Madre Memorial Park Pavilion, Sunday, July 12, 11:00AM start).

Next month's speaker details were given (William Preston Bowling representing the Friends of LA River will speak on interests and education in the earth sciences)

Requests from club representatives concerning the May 21st general meeting were addressed next.

From **Representative Colleen Chestnut:**

1) "Will there be a photographer anymore?" After discussion with board and members it was decided to ask at least three people to take casual pictures of the meeting, our speakers and our members so we can get better coverage and variety for our Bulletin. (The pictures will be sent to our editor for selection.)

2) "What is the decision on dues?" is primarily a complaint about using a direct vote to change the dues rather than going through the approval of a bylaw change to raise them. It was agreed that many changes need to be made to make the bylaws more flexible and up to date with our operational needs.

It was agreed that the present Bylaws require a change to alter our payment amount and it was incorrect to proceed to make the change by motion at a general meeting. The amount of our dues still need to be increased because of increased costs to the club. A further problem is: do we revoke the increase now, change the Bylaws then reinstate the increase? It was requested that the Bylaws have the amount of dues be removed from them. The board will bring to the June general meeting the revocation (or not) of dues increase, how best to control the dues amounts, appointment of a committee to change the Bylaws for this and other needed changes.

3) "Will there be an agenda at the meetings?" There was and there will be in the future. Further clarification of the request indicated that members wanted to look at the agenda. It was suggested that a copy be at the check in table. One suggested alternate was to use the club projector to display items on a nearby wall. Measures are being taken to do both of these ideas.

4) "Want to see the Treasury Report" The board agrees completely. There has not been one for more than five years was mentioned. It is to be presented at the June meeting. It will be based on Treasurer's check register and receipt book.

5) "Want an apology for calling the police at the meeting" It seems that the people that were causing the disturbance and not permitting our Vice President to close the meeting feel that we should apologize for not letting the verbal mayhem that was escalating continue. The president asked the Secretary to call the police since the meeting had become so heated and could no longer be controlled.

6) "Want to hear the reports by all the chairs and representatives" The reason the reports have been shortened was due to complaints of not having enough time for our speakers. The reports are important and will continue to be presented when there is new information to be presented.

Continued on Page 6



Continued from Page 5

The president will ask at the end of his summarization if there are any informational request of the chairs from the members and if there is any new data to present.

From **Representative Ray Ritchey**

- 1) Why is there no budget? This is a budget in progress based on individual chair's inputs. One was shown to the members and the board with explanations of the category groupings. The Fiscal expenses and income for last year uses the same groupings and is beside the forecast. A copy will be on display at the June meeting.
- 2) "Why no financial statement at year end?" As stated above there has not been one requested by the president for many years in the past. The only summary made has been for the show performance made by Jo Anna Ritchey.
- 3) "Why increase of dues without changes in Bylaws?" Same question as answered above.
- 4) "Why no notice of board meeting?" There always has been notice given of a meeting of the board even though there have been repetitive claims that we have been having secret meetings - even before we were formally elected or took office. A great effort is made to call, when time is short, or if there is an important timely issue to consider.
- 5) "Because entrance fee to enter is considered excessive and club cost for the Arboretum consider other locations." (paraphrased) We are doing that and have been looking at alternate sites. Although other locations may be possible no decision has been reached.

Other requests from club members.

Bylaws need to be mailed to everyone when revised. Presentation at meetings and availability on web is insufficient when all members do not have access to the internet. Voted and passed to do that.

A new form of advertising for the show was suggested - yard signs at member homes.

Next meeting was decided as first Thursday of July, 2015, 7:30

Meeting adjourned 10:10 PM *Submitted by Cal Matthews.*

MOROKS Annual Potluck Picnic & Rock Bingo in the Park

Sunday July 12th, 2015 11:00 AM to 3:00 PM

Memorial Park Pavilion

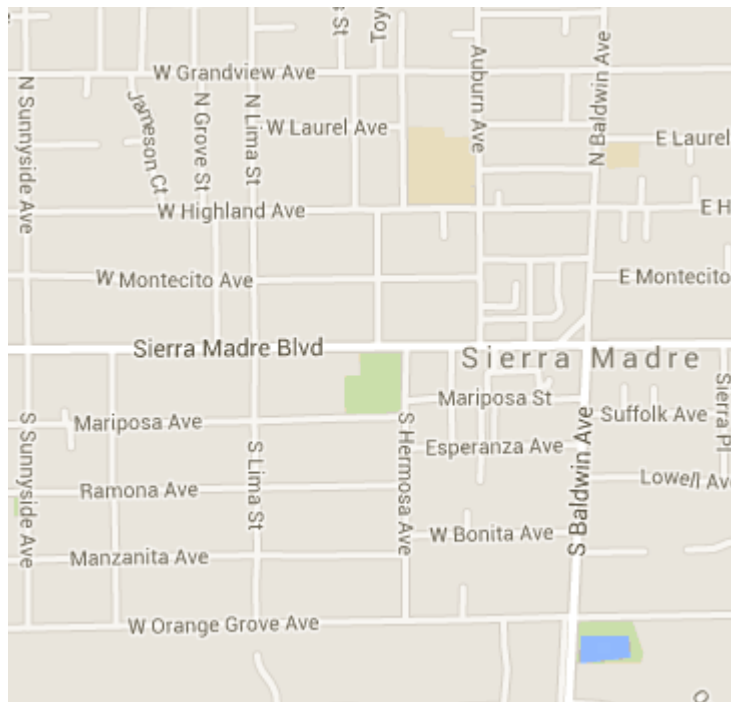
222 W. Sierra Madre Blvd. Sierra Madre, CA

**We will have a short meeting before lunch. This is instead of the July General Meeting
Potluck, Please bring enough for 8-12 servings and your own beverage.
Sign up sheet at the May & June meetings or call Michele at 626 357 8425.**

The club will provide chicken, paper goods, bottled water and ice.

**Please bring a wrapped rock for a bingo prize, one that is no larger than your hand,
in order to participate in the bingo, including guests.**

**Guests will be \$5.00. Must RSVP at least 48 hours before the event to Michele
Street parking, clean restrooms, handicapped friendly.**



Memorial Park (GREEN color on the Map.)

222 W. Sierra Madre Blvd. Sierra Madre CA 91024
Memorial Park and Hart Park House/Senior Center, playground, weeping wall, outdoor restrooms, picnic areas, covered pavilion, Bandshell, tennis courts, community gardens, and Veteran's Memorial Wall. Parking on Sierra Madre Blvd, Hermosa St and Mariposa St.

Directions: W-210 to Baldwin, north on Baldwin to Sierra Madre Blvd, left to Hermoasa. Or from Foothill headed west, right on Baldwin, left on Sierra Madre Blvd. The Park is on your left several blocks down west of Baldwin. Please leave the handicapped spots for those who cannot walk.



Left: Dick & Mary Pat Weber and the specimens they donated to the Club.

Below: The Webers' specimens from Australia on display at our Club meeting May 21, 2015.



Photos courtesy of Denise Davis

CFMS Rock Shows June—August 2015

June 12-14 LODI CA California Federation of Mineralogical Societies 2015 SHOW & CONVENTION "Rocks and Vines" Hours: Friday & Saturday 10-5; Sunday 10-4. Contact Margaret Kolaczyk, markkolaczyk@gmail.com.

June 27-28, CULVER CITY, CA Culver City Rock & Mineral Club. 4117 Overland Blvd @ Culver Blvd, (near the 405 & 10 Freeways. Hours: Saturday 10-6 and Sunday 10-5. Contact Janice Metz, email: Janicemtz@yahoo.com. Website: Culvercityrocks.org.

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 Contact: Wes Lingerfelt, (805) 929-3788 Website: www.omsinc.org

August 22 - 23: SAN FRANCISCO, CA San Francisco Gem & Mineral Society, San Francisco County Fair Building, 9th Avenue & Lincoln Way Hours: Sat. 10 - 6; Sun. 10 - 5. Contact: Ellen Nott. Email: ellen_nott@yahoo.com Website: www.sfgms.org

August 29 -30: CONCORD, CA Contra Costa Mineral & Gem Society, Centre Concord 5298 Clayton Road (near Ygnacio Valley Rd.) Hours: 10 - 5 daily. Contact: Harry Nichandros, (925) 289-0454. Email: show-c@ccmgs.org

Mineral Information The Tourmaline Group of Minerals

The tourmaline group of minerals, like the mica group of minerals, are silicate minerals that have complicated chemical formulas. The chemical formula for the colorful variety of tourmaline (elbaite) is $\text{NaAl,Fe,Li,Mg}3\text{B3Al3(Al3Si6O27) (O,OH,F)4}$. Compare the chemical formulas in the chart below. You can see that they all share Al3Si6O27 and $(\text{OH})4$ in their formulas. They are hard and have glassy luster. They all crystallize in the hexagonal crystal system. They commonly form long, prismatic crystals, but they can also form short, fat crystals. Multi-colored crystals are commonly found. The varieties of tourmaline in the tourmaline group are schorl (black), dravite (garnet-red to brown), uvite (white), colorless (achroite), and elbaite (red, green, blue, yellow and combinations of these colors). The colorful gem varieties of elbaite have their own special names. Red tourmaline is called rubellite, green is called verdelite and blue is called indicolite. When you study the long, thin tourmaline crystals you will see straight lines that run up and down on the crystal. This part of the crystal is called the prism by mineralogists. The long, straight lines are called striations.

Schorl	$\text{NaFe}^{++}3\text{Al6}(\text{BO3})3\text{Si6O18}(\text{OH})4$
Dravite	$\text{NaMg3Al6}(\text{BO3})3\text{Si6O18}(\text{OH})4$
Elbaite	$\text{Na(Li,Al)3Al6}(\text{BO3})3\text{Si6O18}(\text{OH})4$

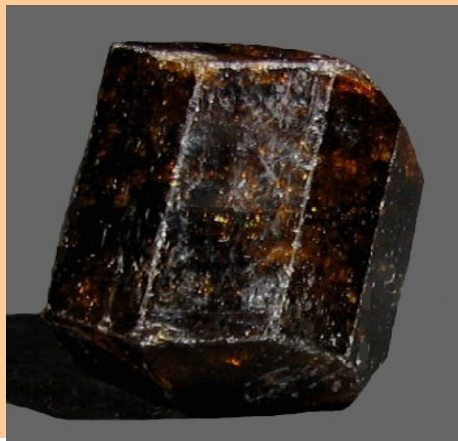


Elbaite



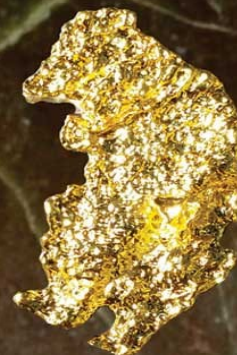
Schorl

Dravite



Article courtesy of The Rock Slab News,
The Searchers Gem & Mineral Society.,
excerpt from Diamond Dan Publications
From Vol. 9 No. 1.

CALIFORNIA'S GOLDEN BEAR



CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES

2015

JEWELRY, MINERAL & GEM FESTIVAL

June 12, 13 & 14, 2015

10am - 5pm Friday & Saturday

10am - 4pm Sunday

Lodi Grape Festival & Harvest Fair

413 East Lockeford Street, Lodi, Ca

www.cfmsinc.org

\$6 Adults, Children under 12 Free