

Monrovia Rockhound Newsletter

P.O. Box 553

Monrovia, CA 91017

Editor – Denise Davis



Monrovia Rockhounds Newsletter August 2015

Mark your Calendars!



August 6, 2015
Board Meeting 7 p.m.



August 13, 2015
International Left Handers Day



August 20, 2015
General Meeting 7 p.m. Ice Cream Social

AUGUST 20, 2015

Meeting & Ice Cream Social

**Come to the meeting and cool off
with ice cream floats
and sundaes.**

Enjoy Speaker Mark Nelson



MOROKS

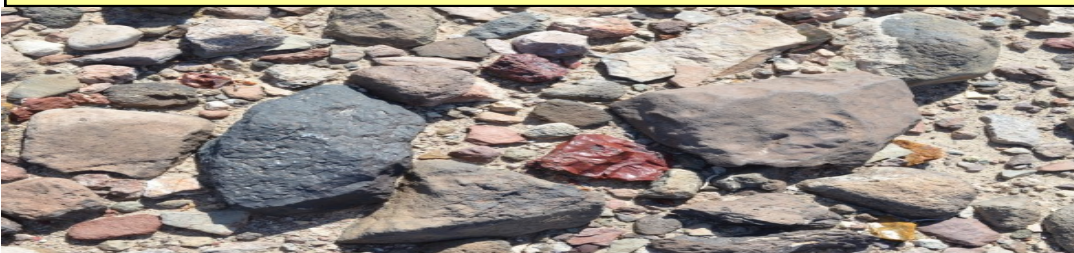
Newsletter of the Monrovia Rockhounds, Monrovia CA

August 2015



Field Trips and Fellowship go hand in hand. Rockhounds Kevin Doran, MOROKs Field Trip Chair and Fellowship Chair Linda Doran above at the June Multi-Club Field Trip to the Pala Mine for Tourmaline.

(photo courtesy of Mark Nelson)



Lavic Jasper

Story Page 6

Photo Courtesy of Rockbound Ramblings

REMINDER

AUGUST MEETING IS THE ICE CREAM SOCIAL.

MOROKS August 2015 NEWSLETTER



MONROVIA ROCKHOUNDS



Website: www.moroks.com



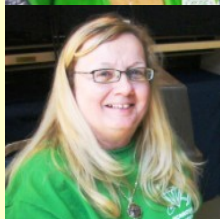
BOARD OF DIRECTORS



PRESIDENT – Cal Matthews
(626) 798 -7481



VICE PRESIDENT – Michele Silcock
(626) 260-1132



SECRETARY – Denise Davis
(626) 294-9043



TREASURER – Jim Lloyd
(626) 793-9239



AUDITOR – Kevin Doran
(626) 775-4185.

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.

Mailing Address: Please use this address ONLY.
Monrovia Rockhounds
PO Box 553
Monrovia CA 91017

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.

PICNIC INVITATION

MSSC has invited us to join them for a picnic in Bruce Carters back yard. For those who have been before, you know what a fun time we had. Rudy Lopez is going to bring BB meat for this event. A gas BBQ grill is available if someone would like to bring your own meat to grill. Otherwise it is a potluck so bring salads, deserts, chips or drinks to share. The theme of the picnic is *Celebrating your Favorite California Mineral*. Bring a rock or mineral and tell the story of where you found it and why it is your favorite.

Please RSVP by August 6, 2015 to Cheryl Lopez 626-351-6283 or membership@mineralsocal.org.

Submitted by Jo Anna Ritchey

From The Desk Of...President Cal Matthews

Well the board meeting was held at the Hastings Ranch Library for the first time on July 2nd and the revision to the By-laws and Procedures were discussed. Work is proceeding with inputs from many on the review committee. It was decided to have our show at the Arboretum. All other location options could not meet our time requirements. With many vendor contracts already started it was considered not feasible to change the time or location for this next years show. We also had a most delightful picnic in the Sierra Madre Memorial park on a warm, clear day. Good food, good company and comfortable shade all combined to make the gathering a success. Thanks to Michele for planning and making it possible for our enjoyment. *Cal Matthews*

A Message from Michele

We had a awesome picnic, in the park with all of the awesome food and our Rock Bingo. Could have not picked a more beautiful day. I would like to say thank you to all that came and helped make this a wonderful day for the club. Looking forward to the August meeting and program. Mark Nelson will speak with us about Field Trip Safety. Mark is the California Federations's Safety Chairman, an emergency medical technician (EMT), a CPR and First Aid Instructor for the American Heart Association and a veteran member of the San Dimas Mountain Rescue Team. The types of emergency situations we might face on field trips are also those we and our families will someday face in other aspects of our lives. Accordingly, Mark will also introduce us to the basics of building a first aid kit for our personal and field trip use. *Michele Silcock*

MEMBERSHIP NEWS

The Board is requesting the members to indicate what information they would like included on the roster for their personal listings. There will be forms available at the meetings to indicate if you want your email, month/ date of birth, (not year), and phone number included. While this info is often gathered piece meal from the members, the Board would like to streamline the entire process. Each member will be asked to complete the form. If you are unable to attend the meeting you can call or email the Membership Chair for a form.

Upcoming CFMS Shows

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.

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 Scovil©

**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](https://www.facebook.com/mzexpos)

ATTEND A SHOW

SUPPORT ROCKHOONDING

JULY 2015 MONROVIA ROCKHOUNDS GENERAL MEETING

July 12, 2015 MOROK Regular Meeting Minutes

12:05PM Call to Order & Pledge

President Cal Matthews welcomed the members and Guests.

He thanked Michele Silcock for arranging the picnic.

The Treasurer report was given.

Fellowship: Linda Doran assumed her duties as Fellowship Chair.

1. Guests: Ruth Hashimoto, Jim Bates and Marlene Matthews.
2. July Birthdays were announced for those in attendance. (Listed in July Newsletter.)
3. No one knew of anyone in the hospital.

Previous Business:

1. VP Michele reported that Mark Nelson would be the Speaker for the August Program.
2. Board met at Hastings Ranch Library location.
3. Next Board Mtg August 6 2015, 7PM, Hasting Ranch Library, Pasadena CA.

New Business: 1. Short discussion regarding content of Roster. It was agreed that members are to notify the Membership Chair in writing if they do not want their name, address, phone, email and day and month of birth on the roster. There will be forms at the next meeting passed out for verification.

The meeting was adjourned at 12:20PM. in order to partake of the wonderful food brought to the picnic by the Club members.

Rock Bingo Winners: Everyone was a winner. There were a large number of prizes and Michele donated her lovely succulent centerpieces as well to the Rock Bingo.

Preview of the 2016 CFMS Show

The El Dorado County Mineral & Gem Society will be hosting the 2016 CFMS Show & Convention on September 16-18, at the El Dorado County Fairgrounds in Placerville, California. The show, "Strike It!" will feature the California Gold Saga in addition to having traditional mineral, gem and jewelry displays and dealers. The show will be held during the activities of the 2016 Worldwide Gold Panning Championship, which will also be held on the Fairgrounds. This will be a unique opportunity to visit 2 exciting events in the heart of the Mother Lode.

Editors's Note: Campsites/RV sites in the local area may be available by reservation.

Bench Tips by Brad Smith DRILL BREAKAGE



Using a small drill is difficult for a beginner, especially if it is hand held in a flexshaft or Dremel. They are easily broken if you push too hard or if you tilt the drill while it's in the hole. Remember that drilling always goes easier with lubrication. A little wax or oil is all you need. Almost anything will work - Three and One, beeswax, mineral oil, injection wax, car oil, olive oil, or one of the commercial cutting waxes. The lubricant helps to move chips out of the hole and reduces friction of the drill against the side of the hole, keeping the drill cooler.

FIND THE BALANCE POINT

With odd-shaped pendants or earrings it's often difficult to find the right place to attach a bail or loop so that the piece is balanced and hangs straight. A quick way to make a tool for this is to modify a set of tweezers. Any set of tweezers will work. Spread the tips, sharpen them with a file, and bend the tips at a right angle to point towards each other. To use the tool suspend the pendant or earring between the two sharp points to see how it will hang.

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

JULY 2015 MONROVIA ROCKHOUNDS BOARD MEETING

Date: Jul 2, 2015, Location: Hastings Ranch Public Library, 3325 East Orange Grove Boulevard, Pasadena.

Meeting Called to Order at 7:04 PM

Present: Board of Directors: Cal Matthews – President, Michele Silcock - Vice President, Denise Davis – Secretary,

Jim Lloyd – Treasurer. Not present: Auditor - Kevin Doran

Chairs: Custodian-Jim Lloyd, Show/Webmaster/Federation-Jo Anna Ritchey, Newsletter/Membership- Denise Davis, Programs- Michele Silcock, Not present: Fellowship- Linda Doran, Education-Janie Duncan, Field Trips-Kevin Doran.

Representatives & Members: Representative-Ray Ritchey, Historian-Nancy Hamrick, Member Roxann Sanchez. Not present: Representative Colleen Chestnut.

✓Approval of Prior Month's Minutes: Motion: Michele Second: Denise Approved: Yes

✓Unfinished Business:

a. President's Budget Submitted to meeting as printed but not passed by membership yet.

b. Show- This will be postponed until August. FY income n/a. FY expenses n/a. Club net n/a.

Discussion of show venue. There was discussion regarding fees charged for vendors and how the percentage the Arboretum charges on the vendors' gross income was calculated and paid from Club funds. One Board member expressed concern regarding the cost of the 2015 as well as the potential increased costs for the newly remodeled Ayers Hall at the Arboretum. Show Chair Jo Anna said she already had done some vendor contracts for the Arboretum and did not want to change the location. She also indicated she would do fewer vendor contracts this year. Representative Ray Ritchey agreed with keeping the location at the Arboretum. It was noted that the actual contract for the Arboretum itself is not available until approximately January 2016. Location of the Arboretum for 2016 was approved by the Board, three Ayes with Denise Davis opposed.

c. Roster: Phones, emails and birthdays for board use. Updated roster based on Treasurer data was sent with the July Newsletter.

d. Raffle Permit for Raffle, monthly rock drawing, are we required to have it? Not really for monthly rock drawing, Yes for Show raffle. Silent Auctions are not considered a chance based activity. Cal to do the State Raffle Permit Application for 2016 show.

✓**Treasurers Report:** (Month end) 30Jun15 was presented. Total checks: 6. Income no report. Paid members: 31.

No quarterly report was presented.

✓Monthly Chair Reports

a. Membership: New members: Roxann Sanchez

b. Club/Card Fellowship: June Meeting: Members present 12. Visitors 2. Cards sent: Janie has cards, Cal to follow-up.

c. Custodian: No issues.

d. Show: Questions answered by the Chair. Further discussion postponed until next month.

e. Federation: No issues.

f. Education: Chair not present

h. Field Trips: plans, schedule? Chair not present.

i. Newsletter: Editor reported approximately \$8 spent on printing, stamps were donated by Nancy Hamrick.

✓New Business:

a. Picnic: Michele reported everything ready for the picnic.

b. Next month's Speaker: Mark Nelson

c. Representatives: The Board received a formal written copy from Colleen Chestnut of the issues presented at the June Board Mtg.

d. Budget, changes, planning: Per the Auditor, a quarterly comparison between budget and actual.

e. Inventory: All club supplies and sale items, equipment, storage locations (church, garage, privately). Still needs to be completed.

f. Bylaws –Denise presented bylaw verbiage for Junior memberships. It was decided to include it in the Bylaw revisions being done by Committee. Michele is in charge of the committee.

Board meeting - Next Board Meeting August 6th, 6:30-7PM setup; meeting 7 to 8:30 PM Location: Hastings Ranch Public Library, 3325 East Orange Grove Blvd., Pasadena, CA 91107 (626) 744-7262; Map <http://tinyurl.com/q3xv8m4>



Happy Birthday to You!

The following members have **AUGUST** birthdays.

We hope they all have a very special day:

Beverly Davila, William Davis, Nancy Hamrick, and Roxann Sanchez

2015 MULTI-CLUB FIELD TRIP SCHEDULE

AUGUST 8-9: The August field trip is tentatively scheduled for August 8th and 9th, starting with the Orcutt Mineral Society annual show on Saturday, August 8 in Nipomo. On Sunday, August 9, there will be serpentine collecting in the Los Olivos area. Pasadena Lapidary is looking for someone to lead the trip at this time, and I will have more details available soon. If you have any questions, please give me a call at (626) 775-4185. *(Submitted by Kevin Doran.)*

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

JASPER vs AGATES

It can be difficult to decide whether a rock is jasper or agate because they have many similar characteristics. Both are considered chalcedony, a cryptocrystalline form of silica, with agate tending toward transparency and jasper toward opacity. Both jasper and agate are hard, Mohs 7, and take a good polish. They exhibit similar patterns, including bands, plumes and eyes, and an array of vivid colors caused by impurities.

Untainted chalcedony is milky white and translucent and lacks eye appeal. Jaspers and agates get their color or distinctive patterns from the inclusion of minerals that are trapped inside the structure. The mineral impurities that usually color agate and jasper are iron oxide or manganese oxides.

Since agates and jaspers are mainly silicon dioxide quartz, the coloring agents end up in the chalcedony by inclusion and infusion. Scientists have shown that chalcedony, despite its hardness, is slightly porous. Because of this porosity, solutions containing several forms of manganese oxides and iron oxides-and in rare cases uranium oxides and other metal salts-can seep into an agate. Jasper has a tighter structure, so the impurities do not accumulate in it to the same extent as in agate. This accounts for the less vibrant colors in jasper.

The original silica gel may also contain impurities. These impurities are the secret to the agate's many colors. Iron oxides cause the reds and yellows, manganese oxides produce violets and blacks; uranium imparts yellow; copper results in red, green and blue; and nickel salts color the chalcedony green.

From agates to jaspers, chalcedony has given creative artists, architects, jewelry artists and rockhounds a colorful and attractively patterned material we are still fortunate to collect and own.

Story by Bob Jones as printed in the December 2013 Rock & Gem Magazine.

Via Feather River Lapidary and Mineral Society

To read the article in its entirety, please read the article in Rock & Gem.

WHAT IS THE CFMS ENDOWMENT FUND?

Founded June 28, 1987 by CFMS Directors in Convention, Turlock, California. The CFMS Endowment Fund was formed to provide a stable source of income to financially assist the programs and services the CFMS provides to its members. All donations remain as principal and only earnings are available for distribution to the CFMS. The Fund is open to receive most types of assets.

(Non-cash items will be converted to cash as is prudent. Donating appreciated assets offers a charitable tax deduction without Capital Gains Tax).

Fund Categories:

Patron Society: A Society or Club having donated \$100 plus \$1 per member is given special recognition on a Patron Honor Plaque that is on display during CFMS shows and other events.

Patron: A person (may be a couple) having donated \$100 or more. Also has name(s) posted on the Patron Honor Plaque and receives a Booster Pin.

Booster: A person having donated \$25 to the Fund. The Booster pin, which was designed by Chuck Davis, is given to any person upon donating \$25 to the Fund.

The Endowment Fund benefits the now generation and generations to come. Join in and support the Earth Sciences by sending in your check or pledge in support of the CFMS Endowment Fund.

The donation form is available on the CFMS website.

(Article obtained from the January 2015 CFMS newsletter)

2015 MOROKS PICNIC



Members Thomas Witt, Cal Matthews and Jim Lloyd at the park.

THE MENU

KFC
 Potato Salad
 Mediterranean Pasta Salad
 Beans
 Italian Pasta Salad
 Pecan Sweet Potatoes
 Chicken Fried Rice
 Tuna Pasta Salad
 Corn on the Cob
 Guacamole
 Jello
 Chips and dip
 Cookies, Donuts, Brownies
 Beverages Galore
 3 Picnic tables covered with food!



Left: More food than we could eat! Members Nancy Hamrick, Kevin & Linda Doran, and guest Ruth at the buffet table. Michele Silcock trying to photo bomb in the back ground. Above: Some intense bingo players, Member Michelle Silcock, and Guests Ruth Hashimoto &