

MOROKS

NOVEMBER 2014

Monrovia Rockhounds Newsletter

P.O. Box 553

Monrovia, CA 91017

Editor – Janie Duncan



Monrovia Rockhounds November 2014 Newsletter

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6 Board Mtg 2 :15 @ Janie's	7	8
9	10	11 Veteran's Day	12	13	14	15
16	17	18	19	20 Gen Mtg. David Kasper	21	22
23	24	25	26	27 Happy Thanksgiving!	28	29
30	Jewel Tunnel Open House December 13th 10 to 4 MOROKS Christmas Party Thursday December 18th 6pm @ Embassy Suites in Arcadia.					

MOROKS NOVEMBER 2014 NEWSLETTER



MONROVIA ROCKHOUNDS

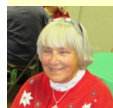


Our Website is www.moroks.com

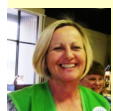
ELECTED OFFICERS



PRESIDENT – NEWSLETTER Janie Duncan (626) 358-8157



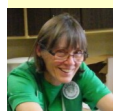
VICE PRESIDENT – Camille Rutkowski



SECRETARY – Michele Silcock (626) 357 8425



TREASURER – CUSTODIAN - Jim Lloyd (626) 793-9239



AUDITOR – FELLOWSHIP Louise Stack (626) 966-0350

CHAIRPERSONS

REPRESENTATIVE – Ray Ritchey (626) 359-1624

REPRESENTATIVE – Colleen Chestnut (626) 443 7662

FEDERATION – Jo Anna Ritchey (626) 359-1624

HISTORIAN – Nancy Hamrick (626) 357-4106

BULLETIN – Janie Duncan (626) 358-8157

CUSTODIAN – Jim Lloyd (626) 793-9239

PICNIC – PHOTO Donald Sneberger (626) 941-6214

SHOW – WEBSITE – Jo Anna Ritchey (626) 359-1624

ROCK DRAWING - Louise Stack (626) 966-0350

FIELD TRIP – Ray Ritchey (626) 359-1624

CARD FELLOWSHIP— Aynn Freeman (626) 303 4343

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 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: Annual donations are \$15.00 per member and \$5.00 per each additional member at the same address. \$10.00 per name badge is payable on the date of initiation.

Meetings: MOROKS 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, our club library as well as field trips for exploration, study and collecting specimens.

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 Janie Duncan please email her at janieduncan@altrionet.com

**Monrovia
Rockhounds
November
Birthdays**

Colleen Chestnut
Edie Stovall
George Brown
Judy Romine
Marcus Look
Jo Anna Ritchey
Yvette Fitzgerald



2014 MULTI-CLUB FIELD TRIP SCHEDULE Distributed to the representatives of the Del Air – Glendora -- Monrovia -- North Orange County -- Pasadena -- Whittier Gem Mineral and Lapidary Clubs

NOVEMBER 1 & 2 : WHITTIER CLAIM AREA - honey onyx, agate, jasper, palm root, etc.

NOVEMBER 28 - 30 : WILEY WELL AREA - Geodes, Agates and other good stuff.

DECEMBER 6 : HIMALAYA MINE TOURMALINES - Dig your own pink and green California tourmalines from the world's most famous tourmaline mine, the near beautiful Lake Henshaw in San Diego County, 20 miles east of Pala. Over 200,000 lbs. produced since 1898 including quartz crystals, lepidolite, topaz, and other pegmatite minerals.

JANUARY 24 & 25 : QUARTZSITE ARIZONA SHOWS

For up-to-date information on these field trips and how to joining the trip please see your club's field trip leader or call Joe Goetz at (626)-622-9420.

Discovery of Possible Earliest Animal Life is a National Science Foundation site about sponge-like animals about 650 million years old. See <http://www.nsf.gov/news/news_summ.jsp?cntn_id=117502>. "Scientists may have discovered in Australia the oldest fossils of animal bodies. These findings push back the clock on the scientific world's thinking regarding when animal life appeared on Earth. The results suggest that primitive sponge-like creatures lived in ocean reefs about 650 million years ago, 90 million years earlier than previously known." Stromatolite column of bacterial mats in Australia; sponge fossils are between stromatolites. Credit: Dr. Adam Maloof Via Rockhounder



Janie Duncan

PREZ SEZ Our booth at the Monrovia Arts Festival was really fun. We always see so many old friends and meet lots of new people. We have been doing this booth so long we get to see kids growing up as they come each year. I am so thankful for everyone who volunteered to help. We could not do this without our fabulous custodian Jim Lloyd. He really gets the hardest job and we all need to let Jim know how much we appreciate his continued help.



Camille Rutledge

VICE PREZ SEZ

Nice to see all of the nice people who came to our MAFA Booth this year. It was a nice day for all us. On another note the October Silent Auction was good this year. We certainly had a variety of items to bid on and the club made some money towards our insurance. See you at the November meeting on Agates.

October 2nd

MONROVIA ROCKHOUNDS BOARD MEETING

President: *Janie Duncan* called the meeting to order at 2:15 PM.

Vice President: *Camille Rutkowski* October is the Silent Auction. November is David Kasper on Agates. December is the Christmas Party.

Secretary: *Michele Silcock* was absent The minutes were approved as corrected in the bulletin.

Representative: *Ray Ritchey* was absent **Representative:** *Colleen Chestnut* was absent

Treasurer: Jim Lloyd. We have 41 paid members.

Auditor: *Louise Stack* will pick up the books next month

Website: *Jo Anna Ritchey* It is up to date.

Photographer: Donald Sneberger no report

Federation: *Jo Anna Ritchey* The 2015 Show will be in Lodi and hosted by the CFMS officers. The 2016 in Placer-ville. They are near gold panning areas. The fall meeting of the CFMS is in Visalia November 8th. **Fellowship:** *Louise Stack* Ray Ritchey is home from the hospital and has a new wheelchair and ramp. He is undergoing therapy. We wish him a quick recovery. Judy is in a nursing home and is doing much better,

Card Fellowship: Aynn Freeman has sent cards to both.

Field trip: Ray Audette Holly Galuzzo and Robb Hull went to northern CA for Garnets and found some real beauties!

Bulletin: *Janie Duncan* No report.

Historian: *Nancy Hamrick* No report

Potluck Bingo BBQ night: *Donald Sneberger* No report

Great Rock Drawing: *Louise Stack* No drawing till November.

Custodian: *Jim Lloyd* He will get the green ticket drum for Michele to use.,

MOROKS Fun Day. Volunteer for our MAFA Booth October 11 & 12th at Library Park

Refreshments: Denise Davis will bring them for September. Tom and Aynn Freeman will do October.

Show: *Jo Anna Ritchey* She has assigned sub chairmen for show. Michele will do the Main Prizes, Janie will do Kids, Kitchen and ticket printing. Louise Stack will do Volunteers. Aynn Freeman will do the Treasure Wheel. William has been asked to do Security and Publicity and Denise Davis main prize tickets sales. We hope Tom will do the truck and Thomas Witt the overnight security. Jo Anna has asked Ray Audette to help with grab bags. All indoor spots are filled. Rudy gave us all the left over stuff from the show he was storing.

Old Business: *Janie Duncan* Monrovia Arts Festival October 11 and 12th. 10-6 Library Park. South side. See Janie

New Business: *Janie Duncan* 1. We decided to order T shirts and vests. Janie will put an order form at the meeting. 2. Janie got a free 6 foot folding table for the meeting room. 3. Michele got the name of a bus company and will check it out for Quartzite.

Janie Duncan Adjourned the meeting at 3:10 pm

Bench Tips by Brad Smith More BenchTips by Brad Smith are at FaceBook [facebook.com/BenchTips](https://www.facebook.com/BenchTips) or at groups.yahoo.com/group/ Get all 101 of Brad's bench tips in "Bench Tips for Jewelry Making" on Amazon .com



SMALL PARTS CONTAINERS I'm always on the lookout for small containers to use for holding those various little parts and tools we deal with in making jewelry, especially since I go back and forth to classes and workshops. My latest find are some plastic vials about 15 mm in diameter and 75 mm long. Best part is they are free. The vials are used in hospitals and doctor's offices to draw blood samples. They must be thrown out after their expiration date. On my last doctors visit, I asked the nurse if they had any expired vials. She tried to give me 400 of them. The ones I have are called "Vacutainers", but there are probably other brand names. They are sterile and made of clear plastic with a rubber stopper and a paper label all ready to write on. I find them really handy for small parts like jump rings, prong settings, small drills, nuts & bolts, faceted stones, and precious metal filings. Some other handy containers - pill bottles, 35mm film cans, and metal breath mint boxes.

October 16th**MONROVIA ROCKHOUNDS GENERAL MEETING**

President: *Janie Duncan* called the meeting to order at 7:10 PM.

Vice President: *Camille Rutkowski* Tonight is the Silent Auction. November is David Kasper on Agates. December is the Christmas Party. Aynn Freeman will check into the Embassy Suites. The club voted to give \$10 to each paid up member that attends the party.

Secretary: *Michele Silcock* The minutes were approved as written in the bulletin.

Representative: *Ray Ritchey* was absent.

Representative: *Colleen Chestnut* no report

Treasurer: *Jim Lloyd*. We have 42 paid members by the end of the night.

Auditor *Louise Stack*: will take the books tonight.

Website: *Jo Anna Ritchey* up to date.

Federation: *Jo Anna Ritchey* The 2015 Show will be in Lodi and hosted by CFMS officers. The 2016 in Placerville. They are near gold panning areas. Jo Anna will not be attending the fall CFMS meeting in Visalia due to Ray's health.

Fellowship: *Louise Stack* We had 7 guests present. Irene Flores, Anne Valasco, Pal Slocum Quinn and Madison Olsdecker, Ray's friend, and Julia Fouser. We welcome all the new guests and home you can come back and become members. Ray Ritchey is recovering at home and is in physical therapy. Jody MCulloch and is now in a nursing home and doing much better We wish both Ray and Judy a fast recovery.

Photographer: Donald Sneberger was absent. Thank you Judy Romine for taking pictures for us.

Show: *Jo Anna Ritchey* has assigned sub chairmen for show. We have a couple of new dealers for the show next year. Michele will do the Main Prizes, Janie will do Kids, Kitchen and ticket printing. Louise Stack will do Volunteers. Aynn Freeman will do the Treasure Wheel. William has been asked to do Security and Publicity and Denise Davis main prize tickets sales. We hope Tom will do the truck and Thomas Witt the overnight security. All indoor dealers are final. Ray Audette is doing Grab Bags.

MOROKS Fun Day: MAFA Booth

Field trip: Ray Audette Holly Galluzzo and Robb Hull went out for Garnets. Please ask them to see what they found.

Bulletin: *Janie Duncan* no report

Historian: *Nancy Hamrick* was absent

Potluck Bingo BBQ night: *Donald Sneberger* was absent.

Great Rock Drawing: *Louise Stack* Next month will be purple amethyst chunk and a shark's tooth.

Custodian: *Jim Lloyd* has the raffle drum for Michele

Refreshments: Tom and Aynn brought them tonight. Colleen Chestnut has volunteered for November. Our guest brought some special Halloween treats. Thank you!

Old Business: *Janie Duncan* 1. The Monrovia Arts Festival was great. We made some money and had lots of fun. 2. Janie has a Boy Scout Geology class for 8 boys and a Cub Scout class coming up.

3. Frankie Greenham was voted in as a new member. Welcome to the club.

New Business: *Janie Duncan* Michele Silcock has volunteered to be Chairman of the 2015 Election of officers. If you wish to run for an office please see Michele.

Janie will check on the date for the Jewel Tunnel Open House.

Janie Duncan Adjourned the meeting at 7:45pm

Rock Song Title of the Month: DR. HOOK AND THE MEDICINE SHOW "Cover Of The Rolling Stone"

November Program Agates by David Kasper



<http://www.amlands.org> for more information on what you can do to protect our rock sites.

Submitted by Jo Anna Ritchey MOROKS CFMS Federation Chairman Printed from the CFMS PLAC Committee (John Martin).

Good-by Rockhounding in the what was the Angeles National Forest and the San Gabriel Mountains. Good-by Actinolite, Good-by Rhodonite, Good-by Lapis, Good-by Mica Schist, Good-by Garnet, Good-by Gold. etc....

Hello SR 2 Entry Fees, Just like Yosemite, the Grand Canyon and Death Valley!

16 U.S. Code § 3 - Rules and regulations of national parks, reservations, and monuments; timber; leases <http://www.law.cornell.edu/uscode/text/16/3>

§ 2.1 Preservation of natural, cultural and archeological resources.

(a) Except as otherwise provided in this chapter, the following is prohibited:

(1) Possessing, destroying, injuring, defacing, removing, digging, or disturbing from its natural state:

(i) Living or dead wildlife or fish, or the parts or products thereof, such as antlers or nests.

(ii) Plants or the parts or products thereof.

(iii) Nonfossilized and fossilized paleontological specimens, cultural or archeological resources, or the parts thereof.

(iv) A mineral resource or cave formation or the parts thereof.

(2) Introducing wildlife, fish or plants, including their reproductive bodies, into a park area ecosystem.

(3) Tossing, throwing or rolling rocks or other items inside caves or caverns, into valleys, canyons, or caverns, down hillsides or mountainsides, or into thermal features.

(4) Using or possessing wood gathered from within the park area: Provided, however, That the superintendent may designate areas where dead wood on the ground may be collected for use as fuel for campfires within the park area.

(5) Walking on, climbing, entering, ascending, descending, or traversing an archeological or cultural resource, monument, or statue, except in designated areas and under conditions established by the superintendent.

(6) Possessing, destroying, injuring, defacing, removing, digging, or disturbing a structure or its furnishing or fixtures, or other cultural or archeological resources.

(7) Possessing or using a mineral or metal detector, magnetometer, side scan sonar, other metal detecting device, or subbottom profiler.

This paragraph does not apply to:

(i) A device broken down and stored or packed to prevent its use while in park areas.

(ii) Electronic equipment used primarily for the navigation and safe operation of boats and aircraft.

(iii) Mineral or metal detectors, magnetometers, or subbottom profilers used for authorized scientific, mining, or administrative activities.

(b) The superintendent may restrict hiking or pedestrian use to a designated trail or walkway system pursuant to §§ 1.5 and 1.7. Leaving a trail or walkway to shortcut between portions of the same trail or walkway, or to shortcut to an adjacent trail or walkway in violation of designated restrictions is prohibited.

(c)(1) The superintendent may designate certain fruits, berries, nuts, or unoccupied seashells which may be gathered by hand for personal use or consumption upon a written determination that the gathering or consumption will not adversely affect park wildlife, the reproductive potential of a plant species, or otherwise adversely affect park resources.

(2) The superintendent may:

(i) Limit the size and quantity of the natural products that may be gathered or possessed for this purpose; or (ii) Limit the location where natural products may be gathered; or (iii) Restrict the possession and consumption of natural products to the park area. (3) The following are prohibited: (i) Gathering or possessing undesignated natural products.

(ii) Gathering or possessing natural products in violation of the size or quantity limits designated by the superintendent.

(iii) Unauthorized removal of natural products from the park area.

(iv) Gathering natural products outside of designated areas.

(v) Sale or commercial use of natural products.

(d) This section shall not be construed as authorizing the taking, use or possession of fish, wildlife or plants for ceremonial or religious purposes, except where specifically authorized by Federal statutory law, treaty rights, or in accordance with § 2.2 or § 2.3.

Note: Regulations concerning archeological resources are found in 43 CFR part 3.

§ 2.5 Research specimens.

(a) Taking plants, fish, wildlife, rocks or minerals except in accordance with other regulations of this chapter or pursuant to the terms and conditions of a specimen collection permit, is prohibited.

(ii) Gathering or possessing natural products in violation of the size or quantity limits designated by the superintendent.

(iii) Unauthorized removal of natural products from the park area.

(iv) Gathering natural products outside of designated areas.

(v) Sale or commercial use of natural products.

(d) This section shall not be construed as authorizing the taking, use or possession of fish, wildlife or plants for ceremonial or religious purposes, except where specifically authorized by Federal statutory law, treaty rights, or in accordance with § 2.2 or

§ 2.3.

Note: Regulations concerning archeological resources are found in 43 CFR part 3.

§ 2.5 Research specimens.

- (a) Taking plants, fish, wildlife, rocks or minerals except in accordance with other regulations of this chapter or pursuant to the terms and conditions of a specimen collection permit, is prohibited.
- (b) A specimen collection permit may be issued only to an official representative of a reputable scientific or educational institution or a State or Federal agency for the purpose of research, baseline inventories, monitoring, impact analysis, group study, or museum display when the superintendent determines that the collection is necessary to the stated scientific or resource management goals of the institution or agency and that all applicable Federal and State permits have been acquired, and that the intended use of the specimens and their final disposal is in accordance with applicable law and Federal administrative policies. A permit shall not be issued if removal of the specimen would result in damage to other natural or cultural resources, affect adversely environmental or scenic values, or if the specimen is readily available outside of the park area.
- (c) A permit to take an endangered or threatened species listed pursuant to the Endangered Species Act, or similarly identified by the States, shall not be issued unless the species cannot be obtained outside of the park area and the primary purpose of the collection is to enhance the protection or management of the species.
- (d) In park areas where the enabling legislation authorizes the killing of wildlife, a permit which authorizes the killing of plants, fish or wildlife may be issued only when the superintendent approves a written research proposal and determines that the collection will benefit science or has the potential for improving the management and protection of park resources.
- (e) In park areas where enabling legislation does not expressly prohibit the killing of wildlife, a permit authorizing the killing of plants, fish or wildlife may be issued only when the superintendent approves a written research proposal and determines that the collection will not result in the derogation of the values or purposes for which the park area was established and has the potential for conserving and perpetuating the species subject to collection.
- (f) In park areas where the enabling legislation prohibits the killing of wildlife, issuance of a collecting permit for wildlife or fish or plants, is prohibited.
- (g) Specimen collection permits shall contain the following conditions:
- (1) Specimens placed in displays or collections will bear official National Park Service museum labels and their catalog numbers will be registered in the National Park Service National Catalog.
 - (2) Specimens and data derived from consumed specimens will be made available to the public and reports and publications resulting from a research specimen collection permit shall be filed with the superintendent.
- (h) Violation of the terms and conditions of a permit issued in accordance with this section is prohibited and may result in the suspension or revocation of the permit.
- Note: The Secretary's regulations on the preservation, use, and management of fish and wildlife are found in 43 CFR part 24. Regulations concerning archeological resources are found in 43 CFR part 3.

Henry the IIIV Crown Colin Lansdell via Stone chat

Until recently, the only way you could tell what Henry VIII's crown looked like was to go to see his 1631 portrait at the National Portrait Gallery. The painting shows a bare-headed Henry with the crown, in all its detail, beside him on a velvet-draped table. The crown was used on very rare occasions during his reign but was used for the coronations of his children Edward, Mary and Elizabeth, and then of James 1 and Charles 1. After Charles was beheaded the crown was broken up and the gold sent to the mint for coinage. The gems and pearls were bagged up and sold off in mixed lots like sweets. Only one item of royal regalia escaped the melting pot, a 12th century spoon. Now, under the direction of Harry Collins the former crown jeweler who retired last year, a host of expert craftsmen have recreated the crown. It involved hundreds of hours for the workers, using Tudor techniques, to replicate the masterpiece. The budget, paid for by sponsors HRP, came to a five-figure sum which has not been disclosed. The original is listed in an inventory at Henry's death as having 344 gems, including "pearls not all of one sort and three Sapphires". What the budget did not run to the three kilos of gold, of the original, and gold-plated silver was substituted, as was rock crystal for the huge diamond. The new gems were sourced from Sri Lanka, in the main. The crown is now exhibited at Hampton Court Palace in the royal pew of the Chapel Royal.



**An invitation for the members and friends of the
Monrovia Rockhounds to attend an openhouse at
Jewel Tunnel Imports**

Saturday December 13, 2014 - 10 AM to 4PM

13100 Spring St., Baldwin Park, CA 91706, 626-814-2257

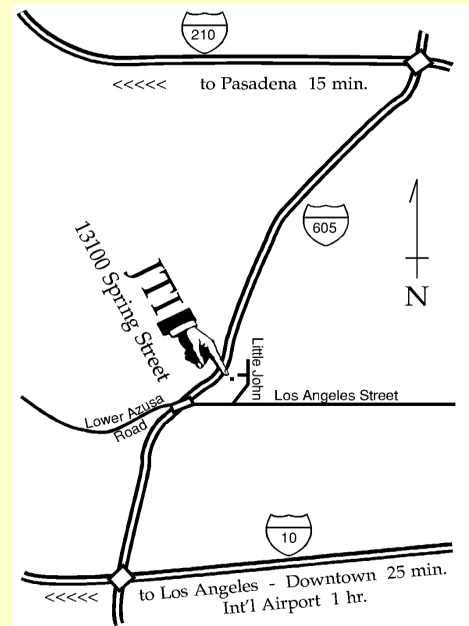
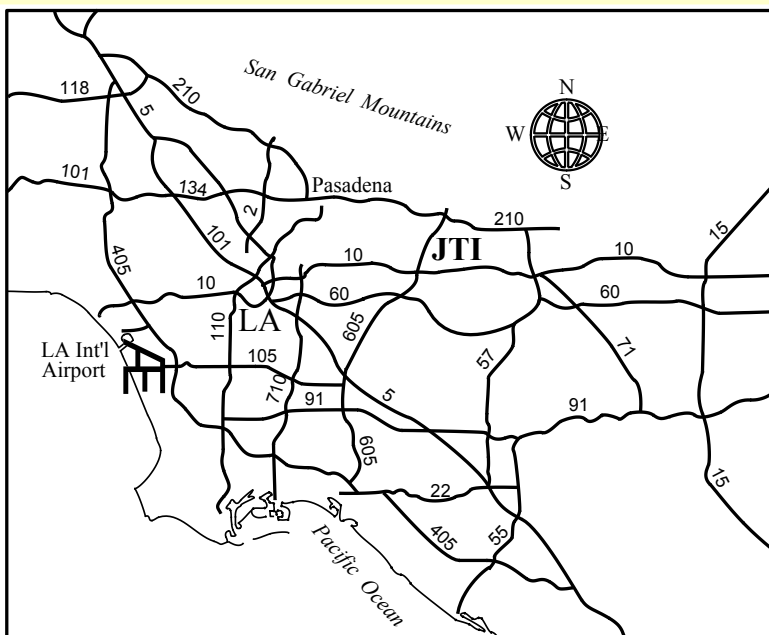
Starving students and other will be fed. Unattended children will be sold as slaves.

Map also available at jeweltunnel.com

Jewel Tunnel Imports is a leading wholesale distributor of mineral specimens, crystals, fossils, tumbled stones and many different kinds of lapidary items like balls, eggs, jewelry etc. made from different minerals. We have a warehouse in excess of 10,000 sq. feet full of mineral related natural history items, perhaps the largest of its kind in the United States. Check out our website jeweltunnel.com.

Historically Jewel Tunnel Imports has had limited open house parties for mineralogically and geologically oriented groups such as the students and faculty of various university geology departments and members of certain gem and mineral societies. These open houses, by invitation only, on a few weekends just proceeding Christmas, offer a chance for individuals belonging to these groups to buy minerals and crystals at wholesale prices and to learn something about the wholesale gem and mineral business.

Jewel Tunnel Imports is a wholesale only warehouse and this invitation is only for the date of the open house. If you wish to return during the year to purchase items you will need to obtain your own resale permit from the California State Board of Equalization. The 9% sales tax will be charged. All sales are final



HOW CAN I TELL THE DIFFERENCE BETWEEN QUARTZ & WHITE FELDSPAR IN IDENTIFYING ROCKS?

submitted by Terry Fetzer via The Golden Nugget MONTGOMERY GEM AND MINERAL SOCIETY

Feldspar grows into rectangular crystals, and then usually breaks the same way. This breakage pattern is called cleavage, and feldspar has two directions of cleavage that meet at close to a 90 degree angle (just like a stairway). If you see little sparkles when you look at the rock, the flashes may be the light reflecting off the mirror-like cleavage surfaces. Quartz has no cleavage (it breaks with a conchoidal fracture just like obsidian, or the curved fractures that you can often see in the windshield of your car after a rock hits it), so no mirror-like flashes of light. The bad news is that sometimes the curved conchoidal surfaces can flash as well, but this usually happens with the clear varieties of quartz (which you already know isn't feldspar anyway). So, if the mineral has cleavage and sparkles, it may be feldspar. If no sparkles, no matter how you rotate it in the light, it may be quartz. <http://mazinggeology.blogspot.com/2014/09/how-can-i-tell-difference-between.html#lfE6qCH3Jje8oV8w.99>

Photos by Judy Romine

MOROKS PICTURE PAGE

October Program Silent Auction



Janie Duncan with new member Frankie Greenham Louise Stack Aynnn Freeman Ray Audette



Monrovia Arts Festival Booth William Davis, Nancy Hamrick Janie Duncan Pamela Osburn

CFMS November Rock Shows

1-2—CONCORD, Annual show; Contra Costa Mineral & Gem Society; Centre Concord; 5298 Clayton Rd., Daily 10-5
ccmgs.org/gem_show/ adults \$6

1-2—OXNARD, 45th Annual Show; Oxnard Gem & Mineral Society; Oxnard Performing Arts Center; 800 Hobson Way; Sat. 9-5, Sun. 10-4; free admission; Web site: www.oxnardgem.com/html/gem_show.html

1-2—SAN DIEGO, Annual show; The San Diego Mineral & Gem Society; Web site: gemdiego.sdmg.org

8-9—ANAHEIM, Annual show; American Opal Society; The Phoenix Club - Feshhalle; 1340 S. Sanderson Ave., south-east of Ball Road and 57 Fwy. at Phoenix Club Dr.; Sat. 10-6, Sun. 10-5; adults \$3, children (under 15) free; Web site: www.opalsociety.org

15-16—APPLE VALLEY, Show and sale; Victor Valley Gem & Mineral Club; Victor Valley Museum; 11873 Apple Valley Rd.; Sat. 9-5, Sun. 9-5; free admission; contact Cyndy Mandell, 14625 Cashew St., Hesperia, CA 92345, ww.vvgmc.org

29-1—MONTEREY, Wholesale and retail show; Gem Faire Inc.; Monterey County Fairgrounds; 2004 Fairground Rd.; Sat. 10-5, Sun. 10-5, Mon. 10-4; free admission; e-mail: info@gemfaire.com; Web site: www.gemfaire.com

Monrovia Rockhounds Christmas Party will be held on our regular night but at 6:00 pm. We will



be having dinner at the Embassy Suites Hotel in Arcadia in a private room. We will have our choice of 3 different entrees beverage not included. The Club has votes to give each member in attendance that has paid in full dues up to date \$10 towards the cost of their dinner. The rest is up to you. More information will be coming next month.

WEST COAST GEM & MINERAL SHOW

NOV. 7 - 9, 2014

SANTA ANA, CA

Holiday Inn - Orange County Airport
2726 S. Grand Ave.

(take 55 Fwy exit for Dyer Rd. to S. Grand Ave.)

75 Top Quality Dealers

Minerals ★ Fossils ★ Gemstones ★ Jewelry

Beads ★ Decorator Pieces ★ Meteorites

Lapidary ★ Metaphysical

FREE ADMISSION ★ FREE PARKING ★ WHOLESALE ★ RETAIL

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

LLD Productions, Inc. in cooperation with Martin Zimm Expositions, L.L.C., P.O. Box 665, Bernalillo, NM 87004

Fax: (303) 223-3478, mzexp@zimm.com, www.mzexp.com

Like us on facebook



Fluorite - Auglaize Quarry, OH
Photo by Joe Budd©

The Monrovia Rockhounds have been invited to this event by Rudy Lopez

Mineralogical Society of Southern California Lecture Series

Mars Science Laboratory: The Curiosity Rover Years 1&2 By Dr. Sarah Milkovich (JPL) Friday November 14, 2014 7:30pm in the Volsloh Forum at Pasadena City College: The Curiosity rover landed at Gale Crater, Mars, in August 2012, kicking off two years of exploration of the crater floor and a mountain of layered rocks and sediment inside the crater.

PCC northeast corner From the corner of Colorado Blvd. and Bonnie Avenue (the northeast corner of the PCC campus), go south on Bonnie Avenue about 100 yards and turn right into campus at the driveway with information booth and shuttle stop. Immediately turn right (north) into the parking lot and park. From the shuttle stop, follow the walkway to the Volsloh Forum Handicapped access

