

# MOROKS

JULY 2012

Monrovia Rockhounds Newsletter

P.O. Box 553

Monrovia, CA 91017

Editor – Janie Duncan



## JULY 2012 MOROKS NEWSLETTER

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4th of July	5 Board Mtg. 2 pm @ Janie's	6	7
8	9	10	11	12	13	14
15	16	17	18	19 General Mtg. Oil Seeps in CA	20	21
22	23	24	25	26	27	28
29	30	31				

# MOROKS NEWSLETTER JULY 2012



## MONROVIA ROCKHOUNDS



### Club Information Our Website is [www.moroks.com](http://www.moroks.com)

#### ELECTED OFFICERS

PRESIDENT – Janie Duncan	(626) 358-8157
VICE PRESIDENT – Cal Matthews	(626) 798-7481
SECRETARY – Michele Silcock	(626) 357 8425
TREASURER – Jim Lloyd	(626) 793-9239
AUDITOR – Jo Anna Ritchey	(626) 359-1624
FEDERATION – Jo Anna Ritchey	626) 359-1624



#### CHAIRPERSONS

HISTORIAN – Nancy Hamrick	(626) 357-4106
BULLETIN – Janie Duncan	(626) 358-8157
CUSTODIAN – Jim Lloyd	(626) 793-9239
PICNIC – Donald Sneberger	(626) 941-6214
SHOW – Jo Anna Ritchey	(626) 359-1624
WEBSITE – Jo Anna Ritchey	(626) 359-1624
ROCK RAFFLE - Louise Stack	(626) 966 0350
FIELD TRIP – Ray Ritchey	(626) 359-1624
PHOTO – Donald Sneberger	(626) 941 6214
FELLOWSHIP/cards – Louise Stack	(626) 966-0350
REPRESENTATIVE – Gail Parks	(626) 359-6811
REPRESENTATIVE – Camille Rutkowski	(626) 289-2621

**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 3<sup>rd</sup> 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 28<sup>th</sup>, 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.

#### VISITORS ARE ALWAYS WELCOME

*Permission to reprint is granted if acknowledgement is given.*

*We reserve the right to edit all material submitted for publication.*

Monrovia  
Rockhounds  
July  
Birthdays



Laura Lloyd 19  
Gail Parks 30

Field Trip Schedule for 2012



This is a combined Schedule from the Whittier, Pasadena, North Orange County and Monrovia Clubs. Each club sponsoring a trip will have a form to sign before each trip with the person leading that trip.

This link is the waiver.

<http://www.cfmsinc.org/forms10/waiver/waiver.pdf>  
Websites for these club may have maps and detailed information. Call Ray Ritchey or Cal Matthews for more help.

- July 28 Palos Verdes (day trip):
- Aug 11 L.A. Museum (day trip)
- Aug 31 - Sept 2 Snyder's Ranch
- Oct 6 Trona - Searles Lake
- Nov 3-4 Whittier Club Claim (Barstow)
- Nov 22-25 Stonewall Pass, NV
- Dec 8 Pinto Mountains copper minerals
- Jan 19-20 Quartzsite

REMEMBER THE PICNIC HAS BEEN MOVED TO AUGUST 18TH AT JANIE DUNCAN'S HOUSE!!!!

A FIELD TRIP IS A SOCIAL OCCASION



--Cartoon by Erston Barnhart in *Are We Having Fun Yet? An Irreverent but Affectionate Look at Rockhounds*

via Golden Spike News 11/01

**PREZ SEZ** What a great program we has on Volcanoes in Manchuria China by Dr. Bruce Carter.. The National Geographic TV Chanel will air the show I was in on July 18th Wed. at 9 pm. It is called America's Lost Treasures. My Bone and it's description is currently on the NAT GEO website but you do need to do a search for the show and the LA episode.. **Remember folks the picnic date has been moved to August 18th at my house.** See you there!



Janie Duncan

**VICE PREZ SEZ** Another month and another interesting speaker. We found out that non-natives do not go anywhere in China to pick up rocks or even buy them easily. Dr Bruce Carter signed up for an advertised tour to visit and photograph the volcanoes in Mongolia. He and his partner found out they were the whole tour! Two people, a driver and separate guide, escorted them where ever they went. No rock shops even if such things existed in the area visited, no visits to mines, no unplanned side trips, no visiting with people who might understand and help them. He showed us many wonderful pictures of shield volcanoes - ones with very liquid flows - and some with cinder cones. There was one with many mortared steps of stone to the top. Pictures of scenic lakes and local agriculture bounded by forested areas with a volcano in the background along with shots of their lumber trucks and forest products. Lots of information very well presented. - I hope you will come to the next one on California oil seeps.



Cal Matthews

June 7th

**MONROVIA ROCKHOUNDS BOARD MEETING**

**President:** *Janie Duncan* called The meeting was called to order at 2:00 PM

**Vice President:** *Cal Matthews* June is Dr. Bruce Carter on new Volcanoes in China. July is Steve Mulqueen on oil seeps in California.

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

**Representative:** Camille Rutkowski was absent

**Representative:** *Gail Parks* was absent

**Auditor:** *Jo Anna Ritchey* Absent The board reminded her we need an auditor's report.

**Website:** *Jo Anna Ritchey* was absent.

**Federation:** *Jo Anna Ritchey* was absent. CFMS 2012 Show in Riverside at the City Auditorium in July 13-15. 2013 will be in Ventura with 3 Clubs hosting the show. Janie thinks we should carpool for a day trip. Jo Anna will be attending a CFMS judging class near Reno this month. The club voted to split the federation budget between 2011 and 2012 so that it averages out. Travel cost much more to go so far away. The board voted to pay Janie's cost for the SCRIBE breakfast at the CFMS meeting.

**Fellowship:** *Louise Stack* Janie will get the 2 new name badges. We will send a get well card to Gail Parks.

**Treasurer:** *Jim Lloyd* He reported 31 paid members. Ray said the auditor's report is done.

**Photographer:** *Donald Sneberger* Donald took good pics at the general meeting.

**Field trip:** *Ray Ritchey* There is a combined trip Jun 16 Wrightwood (day trip): Actinolite and possibly rhodonite. The Glendora show is coming up as well as the Woodland Hills and the Culver City Shows. We should carpool to the CFMS Show in July. Ray is working on a couple of other trips.

**Rock of the Month Talk:** Tom Freeman volunteered for June.

**Bulletin:** *Janie Duncan* Very cheap last month had a good coupon.

**Great Rock Drawing:** *Louise Stack* Jim got more rocks. We will have a calcite for June.

**Custodian:** *Jim Lloyd* We need Jim to spray for terminates soon.

**Historian:** *Nancy Hamrick* says she will get together with Janie soon.

**Picnic:** Donald Sneberger **August 18th at Janie's house 5:pm bring a dish and Bingo prizes**

**Refreshments:** Janie Duncan will bring them in June.

**Show:** *Jo Anna Ritchey* more dealers paid. The board voted to pay Janie's cost for the SCRIBE breakfast at the CFMS meeting. The board voted to buy another EZ Up.

**Old Business:** *Janie Duncan* 2. Janie presented the scholarship to McCall Williams at Monrovia High with a certificate and asked her to report back to us.

Ronnie was absent last meeting so we will give her a name badge in June.

**New Business:** *Janie Duncan* *Janie Duncan* Adjourned the meeting at 3:20 pm

The board voted to accept Rudy and Cheryl Lopez as new members. Janie will order their name badges.

The meeting was adjourned by Janie Duncan at 3:10 pm.



**Bench Tips by Brad Smith** More BenchTips by Brad Smith are at Face Book [facebook.com/BenchTips](http://facebook.com/BenchTips) or at [groups.yahoo.com/group/BenchTips](http://groups.yahoo.com/group/BenchTips)

**USE YOUR THUMB .**

When using multiple bits in your Foredom, you often have to deal with several different shaft sizes - the usual 3/32 inch burs, the larger 1/8 inch shafts sizes and of course many different drill sizes. For some reason I really dislike having to turn the key multiple times to open or close the jaws of the handpiece chuck . There's nothing you can do to avoid multiple key turns when opening up the jaws, but there's a neat trick to close the jaws around a smaller shaft. Hold the new bit in the center of the open chuck jaws, put your thumb lightly onto the outer toothed collar of the chuck, and gently start up the Foredom. As the chuck turns, it will naturally tighten the jaws around the shaft of the bit. Then all you have to do is a final tightening with the key.

June 21st

**MONROVIA ROCKHOUNDS GENERAL MEETING**

**President:** *Janie Duncan* called the meeting to order at 7:00 PM. and we said the Pledge of Allegiance.

**Vice President:** *Cal Matthews* Tonight will be Dr. Bruce Carter on new Volcanoes in China. July is Steve Mulqueen on oil seeps in California.

**Secretary:** *Michele Silcock* The minutes were approved as corrected in the bulletin. Ray was not absent.

**Representative:** *Camille Rutkowski* No report

**Representative:** *Gail Parks* No report.

**Website:** *Jo Anna Ritchey* was absent Janie will get her the new program information.

**Federation:** *Jo Anna Ritchey* CFMS 2012 Show in Riverside at the City Auditorium July 13-15. We decided to support the CFMS Endowment fund by collecting nickels. Jo Anna attended the Judging Seminar in Reno.

**Fellowship:** *Louise Stack* 33 members and 8 guests present. Jo Anna is not feeling well. Judy McCulloch's sister was visiting. Judy had broken her ankle and had to stay in WA till it healed.

**Treasurer:** *Jim Lloyd* We need the Auditor's report. **DUES ARE DUE NOW! PLEASE PAY NOW!**

**Auditor:** Jo Anna Ritchey. Was absent. Report is done and all balances.

**Photographer:** Donald Sneberger took lots of pictures for the club.

**Field trip:** *Ray Ritchey* Jun 16 Wrightwood (day trip): Actinolite and possibly rhodonite. The Glendora show is coming up as well as the Woodland Hills and the Culver City Shows. We should carpool to the CFMS Show in July. Janie is going to be there Sunday by 8 am for the SCRIBE Meeting. Cal is going with her. Does anybody else want to ride then? Ray is working on a couple of other trips and is trying to get us into Crestmore Quarry in Riverside.

**Rock of the Month Talk:** Tom Freeman did a great talk on Cumberlandite which is only found on 4 acres in RI. Cal Matthews volunteered for July.

**Bulletin:** *Janie Duncan* Janie has no new news.

**Picnic:** *Donald Sneberger* **The picnic will be AT Janie Duncan's house August 18th due to Cody's graduation from Citrus College. We can move inside if it is too hot for Bingo. Do not park at the Church lot.**

**Great Rock Drawing:** *Louise Stack* The large calcite with small crystals was won by Judy McCulloch. July is a geode.

**Custodian:** *Jim Lloyd* We still need to buy a EZ UP. And spray for termites.

**Refreshments:** Janie Duncan did them tonight. Nancy Hamrick volunteered for July.

**Show:** *Jo Anna Ritchey* was absent. More dealers paid. Ayers hall at the Arboretum 1st weekend in March 2013.

**Historian:** *Nancy Hamrick* no report.

**Old Business:** *Janie Duncan* 1. Janie presented the \$500 scholarship to McCall Williams at Monrovia High with a nice certificate. She is majoring in Earth Science. 2. Ronnie Lewis and Rudy Lopez were installed as a new member and given name badges. 3. Janie Duncan Janie is doing 2 20 minute talks for 250 preschool kids in August in Glendora at a Christian Preschool. It will focus on dinosaurs and she will need help please.

**New Business:** *Janie Duncan* The Monrovia Arts Festival is October 13 & 14th.

**Janie Duncan** Adjourned the meeting at 8:10 pm



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



# MINERALS NAMED AFTER WOMEN

## VIA HOUND'S HOWL

Almost 100 minerals have been named after women. Some were mineral collectors. Others were scientists. Others were wives of scientists. Listed below are a number of minerals that were named after women. Use this website (<http://www.webmineral.com/help/NameOrigin.shtml>) and discover more about the women behind these mineral names. Match these names on the left with the accurate fact about the woman after whom the mineral was named on the right.

Rosemaryite Russian Mineralogist

Lindbergite The discoverer of the element radium

Sklodowskite A distinguished mineral collector. Her husband was Eugene.

Caresite Wife of Professor Peter Wyllie

Sophiite A French chemist

Carnotite A Russian volcanologist and mineralogist

Marialite A United States Geological Survey Scientist

Mcnearite A mineral collector and dealer from Sudbury, Mass.

Rondorfite Her full name was Maria Rosa von Rath

Olgite A mineralogist and crystallographer from Switzerland

Two minerals were named after Marie Curie-Sklodowska (1867-

1934), sklodowskite and curite (named after Marie and her husband, Pierre).

The mineral cuprosklodowskite was originally thought to be a copper-bearing version of sklodowskite and so its name bears Marie's name. Pierre and Marie Curie discovered the element radium.

The deep green mineral called szenicsite was discovered in Chile by Terry and Marissa Szenics. This mineral named was officially approved in 1994. The Szenics are American mineral collectors and mineral dealers. Szenicsite contains the elements copper and molybdenum. Marissa Szenics was born in 1950.

*Reprinted with permission from Diamond Dan Publications MD-169969 miniature Mini Miners Monthly, Vol. 3 No. 6, June 2009 Arkenstone Fine*

## Summer Rockhound

By Cindy Lind

*via Victor Valley*

The 'Skeeter and the Rock hound both, went out to hunt one day.  
 The Rock hound wanted specimens, the 'Skeeter wanted prey!  
 The Rock hound found a likely spot, and settled with his gear.  
 He'd dug a short time when he heard, a buzzing in his ear.  
 The Rockhound swatted at the noise, and stood to look around.  
 He missed the Skeeter, but he saw, a great stone on the ground!  
 The Rock hound bent to lift the stone, his backside in the air.  
 The 'Skeeter took advantage then, and bit the Rock hound there.  
 The Rock hound jumped and squashed the bug, his bottom to defend.  
 The Rock hound and the Skeeter had, both got it in THE END!

## Rockhound Terms

- **Geologist:** Person who learned about rocks in school.
  - **Rockhound:** Person who learned about rocks the hard way.
  - **Geologist's pick:** Handy gadget that you always have with you when you don't need it and always leave at home when you do.
  - **Field polish:** Spit.
  - **Field kit:** Paper bag.
  - **Station wagon:** Vehicle designed to satisfy the colossal greed of rockhounds.
- Via Strata Gem

**"When I die, I want to die like my grandfather who died peacefully in his sleep. Not like all the screaming passengers in his car."**

*Will Rogers*



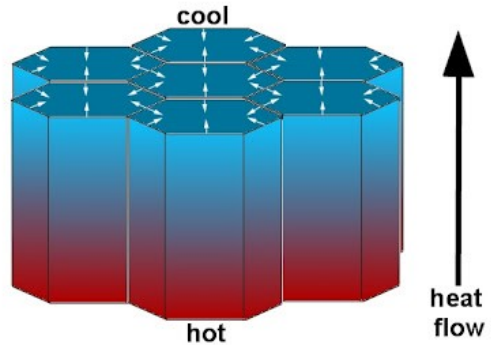
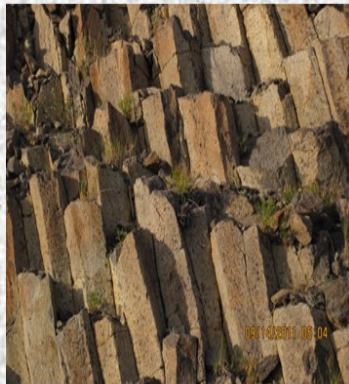
**Columnar Jointing Article & Photos by Brenda Gadberry**

In Northern Ireland there are about 40,000 huge obelisks, referred to as the "Giant's Causeway" or the geological term "columnar jointing". Each column has roughly six sides, but five to seven sided columns are common. The tallest column stands between 35 to 40 feet above the shoreline at the Irish Sea.

Columnar jointing is found across the world, but none as magnificent as the ones located in Northern Ireland which formed 50 to 60 million years ago from volcanic activity. While visiting Colorado, we found a hillside covered with columnar jointing. Although these columns were not as colossal as the ones in Ireland, they were still an interesting piece of geology to behold.

Basically, columnar jointing occurs during the cooling and contraction process of hot lava. The right conditions under the lava and the environment around the cooling surface must exist. When lava cools rapidly from the outside toward the center, it contracts, which produces cracks that continue to grow usually in a hexagonal pattern. The cracks spread normal to isotherms, not gravitational direction, creating various forms of columnar joints.

For more information: [http://www.aps.org/publications/apsnews/200705/caus\\_eway.cfm](http://www.aps.org/publications/apsnews/200705/caus_eway.cfm) Via El Gambrisino



**A baby rattle belonging to King Farouk had a jade handle topped by a diamond encrusted crown. Rubies were in-side, to make it rattle.**

Via CHIPS 'N SPLINTERS

**Quartz Crystal Bathtub**

This is the coolest tub I have ever seen in my life. It would look so sweet in my bathroom!

via El Gambrisino



McCall Williams is the recipient of our first \$500 scholarship to a student at Monrovia High School going into college to major in Earth science Studies. She will be attending UC Santa Cruz College. Janie Duncan gave her the check and certificate at the Monrovia High School Awards Night. Over \$85,000 were handed out that night from local organizations. She is a really nice young lady and thanked us very much for the help. We wish here well and she said she will keep in touch with us and let us know how her studies are going.

## July Program Topic Oil Seeps in California by Steve Mulqueen

**Speaker:** Stephen P. Mulqueen, Department of Conservation, Division of Oil and Gas & Geothermal resources.

Stephen Mulqueen is presently employed as an Oil and Gas Engineer with the State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources in Ventura. He earned a Bachelor of Science degree in Geology from Cal Poly, Pomona in 1978. Steve first studied and photographed petroleum seeps as an undergraduate student. His lecture is the result of over 20 years of observing petroleum seeps in and around the oil fields of California.

**Title:** Petroleum Seeps, A natural phenomenon with historic significance

**Abstract:** Petroleum seeps have known to exist in both onshore and offshore environments for million of years. They may consist of a variety of substances including crude oil, asphaltum, semisolid bitumen, and natural gas, often occurring with water that may range in quality from fresh water to supersaturated brine. Petroleum follows a complex path of migration from the source rock, being pushed through porous formations toward the surface by a variety of forces.

Petroleum seeps have been analyzed in great detail by geologists since the mid-1800s. Many oil fields throughout the world have been discovered as direct result of the natural occurrence of oil at the surface. Paleontologists have recognized oil seeps as important source of fossils. The Page Museum of La Brea Discoveries in Los Angeles contains millions of fossils excavated from asphaltum deposits in the shallow alluvium of the Los Angeles Basin. Archaeologists have found artifacts which were made in part from asphaltum. This and other factors suggests that the petroleum industry had an early beginning several thousand years ago. Biologists are now looking at petroleum seeps as a unique habitat for plants and animals.

### GLOW-IN-THE-DARK TECHNOLOGY! A CANADA MINT FIRST!

New Series! The *Pachyrhinosaurus lakustai* Canadian dinosaur coin is the first in a 4-coin Prehistoric Creature (photo-luminescent) series! Released in early 2012, the design was approved by the Royal Tyrrell Museum of Paleontology. After placing the coin in sunlight, fluorescent, or incandescent light bring the coin into the dark to reveal the phosphorescent skeleton of the dinosaur!



Limited to 25,000 coins worldwide (already sold out. Face value \$0.25, priced for sale at \$29.95 CDN), the after-market price is already North of \$90.00! via The Rpoekhounder Gem, Lapidary, and Mineral Society of Montgomery County MD., Inc.

## MONROVIA ROCKHOUNDS PICNIC

**SATURDAY August 18th<sup>th</sup> 5:00 pm**

**Janie Duncan's Home 328 E. Foothill Blvd. Monrovia 91016**

**Foothill Blvd 3 blocks East of Myrtle Ave. South side of the street with a wheelchair ramp. We will be in the back yard and there are a set of steps up into the house where the bathroom is. Street parking only. I would not cross foothill to park as it is dangerous. The club will furnish hot dogs, hamburgers, paper goods, beverages and silverware. Please bring a side dish, salad, or dessert to share. We play bingo and we need everyone to bring along wrapped bingo prizes. Please label man, woman or leave blank if they are for either. We have not had any kids for a while so we will not need kids prizes. The picnic is free for members. Guests are \$3.00 each.**



MONROVIA ROCKHOUNDS PICTURE PAGE

JUNE General Meeting

By Donald Sneberger



Chasing Volcanoes in Manchuria

Dr Bruce Carter

Long time no see. Glad you are back. Gail Parks



Tom Freeman Rock talks on Cumberlandite as seen in the picture above.

Installation Rudy Lopez and Ronnie Lewis with Janie Duncan



President Welcome new members



Judy McCulloch wins the raffle!

## CFMS JULY SHOW DATES

**July 13 – 15: RIVERSIDE, CA CFMS GOLD AND GEM SHOW & CONVENTION**  
 Hosted by Valley Prospectors Riverside Municipal Auditorium 3485 Mission Inn Avenue  
 Hours: Fri & Sat 10 – 5; Sun 10 – 4 Contact: Steve Schubert, Show Chair, (951) 943-0535

### 150 Carat Diamond Ring

Sangeeta Ghosh Dastidar / Mar 21 2012

Via The rockhounds

If diamonds are forever, then Shawish's 150-carat diamond masterpiece is vowed to last an eternity. Geneva-based Swiss jeweler, Shawish unveiled its \$70 million 'dream' diamond ring at Baselworld, setting the ultimate benchmark in diamond jewelry concept. The ring has been chiseled out from one single faceted diamond.

Mohamed Shawesh President and CEO, Shawish Jewelry said that creating a ring made entirely from a faceted stone is the ultimate artistic challenge. The artistry in creating this masterpiece was based on using lasers to cut through one single diamond stone which formed the crown of the ring structure. Further, the same stone was chiseled uniformly to form the outer circle that actually goes around the finger creating the ring in its entirety!

For more information, photos and video, check: [www.bornrich.com](http://www.bornrich.com) and [www.shawishjewellery.com](http://www.shawishjewellery.com)



© shawish-jewellery.com

## WEST COAST GEM & MINERAL SHOW ~ Fall

NOV. 9 - 11, 2012

Holiday Inn - Orange County Airport

2726 S. Grand Ave., Santa Ana, CA 92705

(Take 55 Fwy exit 8 for Dyer Rd. to S. Grand Ave.)

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

Martin Zinn Expositions, L.L.C., P.O. Box 665, Bernalillo, NM 87004

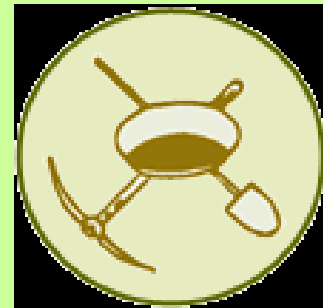
Fax: (303) 223-3478, [mzcxpos@gmail.com](mailto:mzcxpos@gmail.com), [www.mzcxpos.com](http://www.mzcxpos.com)

## CFMS Gold & Gem Show

Hosted by the Valley Prospectors

July 13 - 15, 2012

Hours: Fri & Sat 10 - 5; Sun 10 - 4



Riverside Municipal

Auditorium

3485 Mission Inn Avenue, Riverside