

MOROKS

APRIL 2013

Monrovia Rockhounds Newsletter



P.O. Box 553

Monrovia, CA 91017

Editor – Janie Duncan



MOROKS NEWSLETTER APRIL 2013

SUN	MON	TUE	WED	THU	FRI	SAT
	1 	2	3	4 MOROKS board MTG @Janie's 2pm	5	6
7	8	9	10	11	12	13
14	15	16	17	18 MOROKS Silent auction Mtg. 7 pm	19	20
21	22 Earth Day 	23	24	25	26	27
28	29	30				

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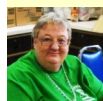


MONROVIA ROCKHOUNDS

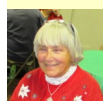


Our Website is www.moroks.com

ELECTED OFFICERS



PRESIDENT – Janie Duncan (626) 358-8157



VICE PRESIDENT – Camille Rutkowski (626) 289-2621



SECRETARY – Michele Silcock (626) 357 8425



TREASURER – Jim Lloyd (626) 793-9239



AUDITOR – Louise Stack (626) 966 0350

CHAIRPERSONS

REPRESENTATIVE – Ray Ritchey (626) 359-1624

REPRESENTATIVE – Cal Matthews (626) 798 7481

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 – Donald Sneberger (626) 941-6214

SHOW – Rudy Lopez (626) 993-7989

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

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.

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****April Birthdays****Camille Rutkowski 4****Gail Koons 14****Michele Silcock 12****THE ROCKHOUND**

By Ernie Hopfinger

My back is tired, my hands are sore.
 I'm digging slower than before.
 At first I'm kneeling, then I sit,
 I begin to think it's time to quit.
 From up the hill there comes a cry.
 A new-found rock is held up high.
 Whose back is tired?
 Whose hands are sore?
 I'm digging faster than before!

VIA EL Gambrisino

2013 Field Trip Schedule These trips were planned for members of the Glendora, Monrovia, North Orange County, and are subject to change

APR 20: Molycorp - tour the only rare earth mine in the U.S. Option for additional collecting on Sunday.

APR 27: Tourmaline collecting near Pala.

MAY 25, 26 & 27: Kramer Junction area over the Memorial Day Holiday weekend. Collecting dendritic agates, jasper, bloodstone, white opal, petrified bog showing many nice reeds, twigs and grasses and opalite. Petroglyph viewing.

JUN 15: Big Bear - collecting copper minerals, druzy and quartz crystals.

JUL 13: Pacific Palisades - collecting barite and other local material.

AUG 17: Museum trip - Jurupa Mountains Cultural Center and Alf Museum

SEP 14: Lompoc Area - including Jalama Beach. Collecting petrified whale bone and other specimens. Option for additional collecting on Sunday.

OCT 12, 13: Searles Lake Gem-O-Rama. Collecting pink halite and hanksite. This can be a one-day, two or three-day trip.

NOV 2, 3 : Whittier Claim - honey onyx, agate, jasper, palm root, others. One or two day trip.

NOV 28 - Dec 1 : Afton Canyon - agates, fluorite, amygdules, petrified wood.

JAN 18: Quartzsite for the QIA Pow Wow

**PREZ SEZ**

Wow! Thanks to each and every MOROK for helping us work as team to have put on the best rock show ever! I could not be any prouder of our great club and it's members who all work so well together. You ROCK!!!!

Janie Duncan

VICE PREZ SEZ I look forward to serving as Vice President and Program Chairman this year. There are many exciting programs in the works. See you at the Silent Auction!

Camille Rutkowski

MARCH 7TH**MONROVIA ROCKHOUNDS BOARD MEETING**

President: *Janie Duncan* called The meeting was called to order at 2:10 PM

Vice President: *Cal Matthews* March is still not set. April is the Silent Auction. May is Dr. David Prothero on magnetic dating of rocks.

Secretary: *Michele Silcock* The minutes were approved as corrected at the board meeting from what was written in the bulletin.

Representative: *Camille Rutkowski* no report.

Representative: *Gail Parks* was absent

Auditor: *Jo Anna Ritchey* Absent We still need the last 2 quarters reports in writing.

Website: *Jo Anna Ritchey* was absent. No report.

Federation: *Jo Anna Ritchey* was absent. The CFMS Show will be in Ventura in 2013. May 31—June 3

Fellowship: *Louise Stack*

Treasurer: *Jim Lloyd* was absent. He reported 43 paid members.

Photographer: *Donald Sneberger* No report

Field trip: *Ray Ritchey* Go to the Pasadena show this weekend.

Rock of the Month Talk: Janie will talk on salt lamps.

Bulletin: *Janie Duncan* No report.

Great Rock Drawing: *Louise Stack* Quartz crystals

Custodian: *Jim Lloyd* absent no report.

Historian: *Nancy Hamrick* was absent No report

Picnic: *Donald Sneberger* was absent no report.

Refreshments: Janie will do March.

Show: *Jo Anna Ritchey* The money was better than last year. The kids Quiz did \$68 which was way up. Geodes did very well. Only a few main prize tickets left. Janie paid for the truck from Simon's. Janie is making certificates for all who helped. All security was handled by our club member who did a great job. The dealers say they need flyers much sooner. Rudy Lopez has some really great ideas to help next year. Will work on a mission statement, donation forms update and most info on what our club does in the community. Rudy also wants to do a silent auction.

Old Business: *Janie Duncan* 1. Janie did 3 talks at Wild Rose School. 2. Janie did a science fair at Emperor School in Temple City and is to go back to do Rock Talks. 3. MAFA confirmed out October booth is paid. 4. The Installation Luncheon will be on March 23rd Sat. at T Phillips 601 S. Myrtle Ave. Mon. Buy your own lunch.

New Business 1. We voted to do the same \$250.00 scholarship again this year. 2. Janie read the appointed positions as printed in this Bulletin.

Janie Duncan Adjourned the meeting at 3:20 pm



Bench Tips by Brad Smith More BenchTips by Brad Smith are at FaceBook facebook.com/BenchTips or at groups.yahoo.com/group/BenchTips

BENCH SHEARS



When cutting sheet metal, it's quicker and easier to use a set of shop shears as compared with using a hand saw. The cut is not as precise, but many times you don't need that. Shears will easily cut up to 24 gauge sheet, and some will cut 22 or even 20 gauge. Current prices for shears run from \$13 - \$22 in jewelry catalogs, and the Joyce Chen scissors recommended on some jewelry blogs run more than \$20. But we found a cheaper alternative at the 99 Cent Store - some gardening utility scissors that were only \$1.07. I buy a half dozen of them at a time for use in my jewelry classes. They're great for cutting bezels, trimming around a bezel cup, and cutting a piece off a larger sheet.

MARCH 21ST**MONROVIA ROCKHOUNDS GENERAL MEETING**

President: *Janie Duncan* called the meeting to order at 7:08 PM.

Vice President: *Cal Matthews* Tonight is Janie who will do a program on rock lights then we will play a identifications game called 20 white rocks. April is the silent Auction.

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

Representative: *Camille Rutkowski* was absent

Representative: *Gail Parks* was absent

Treasurer: *Jim Lloyd*. Was absent We have 43 paid members.

Website: *Jo Anna Ritchey* was absent.

Federation: *Jo Anna Ritchey* was absent. The 2013 CFMS Show and meeting will be at the Ventura County Fairgrounds 2013 May 31-June 2nd. You can take the train there. It is hosted by 3 clubs. Conjo, Ventura and Northridge.

Fellowship: *Louise Stack* 13 members.

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

Field trip: *Ray Ritchey* was absent.

Rock of the Month Talk: Janie will talk on salt lamps in March.

Bulletin: *Janie Duncan* no report.

Picnic: *Donald Sneberger* No report.

Great Rock Drawing: *Louise Stack* quartz crystals were won by Harold.

Custodian: *Jim Lloyd* was absent.

Refreshments: Janie brought them tonight. No volunteered for April.

Show: *Jo Anna Ritchey* Was absent. The money was better than last year. The kids Quiz did \$68 which was way up. Geodes did very well. Only a few main prize tickets left. Janie paid for the truck from Simon's. Janie is making certificates for all who helped. All security was handled by our club member who did a great job. The dealers say they need flyers much sooner. Rudy Lopez has some really great ideas to help next year. Will work on a mission statement, donation forms update and most info on what our club does in the community. Rudy also wants to do a silent auction.

Historian: *Nancy Hamrick* was absent.

Old Business: *Janie Duncan* 1. Janie did doing a science fair at Emperor school in Temple City and will do 2 rock talks after the show for the same school. 2. She also has 3 more scheduled for Mayflower School. 3. We voted in Stephen Hollingsworth but will wait for him to come to a meeting.

New Business: *Janie Duncan* 1. The Installation Lunch will be on Sat. March 23 at noon at T Phillips back room again. 2. Janie has committed to do Scout Expo again. 3. We will do the same \$250.00 scholarship again this year for MHS.

Janie Duncan Adjourned the meeting at 7:15 pm



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

Forensic Geology - The study of physical evidence related to soils, minerals, rocks, petroleum and many other natural substances found on or within the Earth that may be applied to criminology. Forensic geology involves the application of the geological sciences for solving crimes, for preparing legal evidence and for determining scientific fact. Forensic geology evidence gathered at crime scenes can be very important in creating a complete story of the sequence of events that proceeded or followed a criminal act. The evidence can lead directly to a suspect, can aid in an arrest and can be applied to the legal process of a conviction in a court of law.

Traces of soil, clay, gravel or aggregate can be found at a crime scene and traced back to its source, as a way to link two or more separate localities to one criminal act. Samples are gathered as forensic geology evidence for analysis of its geochemical, mineralogical or physical attributes. The distinct features may include color, mineral composition, rock composition, texture, grain size, clast lithology (particle composition), shape, angularity and particle size distribution. Some examples of evidence that are gathered may include soil from the sole of a shoe, mud found in a tire tread and soil or gravel found on a vehicles floor mat or on floor covering inside a building.

The first modern textbook on the subject of forensic geology was written by Ray Murray and fellow Rutgers University professor John Tedrow and published in 1975. In 1973, Murray was asked to determine the composition and probable source of a soil sample presented to him by an agent of the Bureau of Alcohol, Tobacco and Firearms. After this chance encounter in applying geologic research to the gathering of criminal evidence, Murray began a lifelong interest on the subject.

According to Murray's textbook *Forensic Geology*, the use of geologic evidence in solving crimes dates back to the late 1800s. In numerous written works by the famous Sherlock Holmes author, Sir Arthur Conan Doyle, there are detailed descriptions of how some of his fictional crimes were solved with the application of *Forensic Geology*.

In 1891, Hans Gross (1847 - 1915) published the book *Criminal Investigation in Austria*. This book was the first comprehensive description of the uses of physical evidence in solving crimes. In 1893, Gross also published *Handbook for Examining Magistrates as a System of Criminology*. His first case, involving forensic evidence, was solved through the analysis of soils from a suspects shoes that linked that individual to a crime scene. Forensic geology remains to be an important subject in most criminology curricula at universities around the world. Without the application of geologic evidence, many crimes would not be solved. In many respects, all geologists are detectives, applying their lifelong scientific knowledge to solving the mysteries of the Earth. References:

- Murray, Raymond C., and Tedrow, John C. F., 1975, *Forensic Geology - Earth Science and Criminal Investigation*: Rutgers University Press, Salem, New Jersey, 217 pages.
- Rapp, John S., "Forensic Geology and a Colusa County Murder", *California Geology Magazine*, July 1987, Pages 147 - 153, California Department of Conservation, Division of Mines and Geology. Written by Steve Mulqueen for the VGMS, January 2013. The "Definition of the Month" features words related to geology, paleontology, mining and desert history. Refer to other definitions featured in past VGMS bulletins under the heading of Educational Corner dating back to June 2001 available on the VGMS website. Via Strata Gem





MOROKS PICTURE PAGE By Donald Sneberger 2013 54th Annual Gem & Mineral Show



Yvette Fitzgerald



Camille Rutkowski



William Davis



Marcus Look



Nancy Hamrich & Rudy Lopez

Ralph Fregoso



Janie Duncan





MOROKS PICTURE PAGE By Donald Sneberger

March General Meeting



Cal Matthews Happy Birthday & Janie Dun-



Harold Vannatta with quartz he



Louise Stack our Fellowship Chair-



Selenite light / Phantom Quartz / Himalayan Salt



Harold, Rudy, Marcus, Thomas, Colleen, Denise, Aynn Tom



2013 Gem & Mineral Show pics by Bob Gollighugh



Becky Fregso Denise Williams



Janie Duncan



Aynn Freeman



Rudy Lopez Yvette Fitzgerald Ray Ritchey



Michele Silcock Colleen Chestnut



Ray Ritchey



Laura and Jim Lloyd

Go see a CFMS Show this April

April 12 - 14: VISTA, CA San Diego County Council of Gem & Mineral Societies Antique Gas & Steam Engine Museum 2040 N. Santa Fe Avenue Hours: 9 - 5 daily Contact: Ray Pearce, (760) 726-7570

April 13 - 14: MARIPOSA, CA Mariposa Gem & Mineral Club Mariposa County Fairgrounds Hwy 49 South (1.8 miles south of Mariposa) Hours: 10 - 5 daily Contact: Chel, (209) 742-7625 Email:

April 13 - 14: PARADISE, CA Paradise Gem & Mineral Society Elks Lodge 6309 Clark Road Hours: Sat 10 - 5; Sun 10 - 4 Contact: Manuel Garcia, (530) 877-7324 Email: mmpg@att.net Website:

www.paradisegem.org

April 20 - 21: THOUSAND OAKS, CA Conejo Gem & Mineral Club Borchard Park Community Center 190 Reino Road (at Borchard Rd.) Hours: 10 - 5 daily Contact: Robert Sankovich, (805) 494-7734

Email: rmsorca@adelphia.net Website: www.cgamc.org

April 20 - 21: SAN JOSE, CA Santa Clara Valley Gem & Mineral Society Santa Clara County Fairgrounds 334 Tully Road Hours: Sat 10 - 6; Sun 10 - 5 Contact: Frank Mullany, (408) 265-1422

April 27 - 28: LANCASTER, CA Antelope Gem & Mineral Society Lancaster High School 44701 - 32nd Street West Hours: 10 - 5 daily Contact: CJ Quitoriano, (661) 209-9092 Email: cjq_62@yahoo.com

Website: www.avgem.weebly.com

April 27 - 28: SANTA CRUZ, CA Santa Cruz Mineral & Gem Society Santa Cruz Civic Auditorium Center Street & Church Street Hours: 10 - 5 daily Contact: Julia Cornblatt, (831) 687-0509 Email:

scruzmgs@gmail.com Website: www.scmgs.org

West Coast GEM & MINERAL SHOW

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.)

MAY 17-19, 2013

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Tourmaline
Jeff Scovil Photo©

Copper Wire

After having dug to a depth of 10 feet last year, New York scientists found traces of copper wire dating back 100 years and came to the conclusion, that their ancestors already had a telephone network more than 100 years ago.

Not to be outdone by the New Yorkers, in the weeks that followed, a California archaeologist dug to a depth of 200 feet, and shortly after, a story in the LA Times read: "California archaeologists, finding traces of 200 year old copper wire, have concluded that their ancestors already had an advanced high-tech communications network a hundred years earlier than the New Yorkers."

One week later, The Escanaba Press a local newspaper in Upper Michigan, reported the following: "After digging as deep as 300 feet in his pasture near Flat Rock, Ole Olson, a self-taught archaeologist, reported that he found absolutely nothing. Ole has therefore concluded that 300 years ago, Upper Michigan had already gone wireless."

Via Strata Gem