

The Rock Slab News

The Searchers Gem & Mineral Society, Anaheim CA



VOLUME 51, ISSUE 5

MAY 2014

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POINTS OF INTEREST

FIELD TRIPS

GENERAL MEETING SPEAKER

The President's Message

Hello Searchers,

It's finally May and that means IT'S SHOW TIME! Our show is May 3 & 4 this year, so there's not a lot of time left to get ready. Have you set aside time to help out? Robert Burson, our 2014 Show Chairman, is the man of the hour. He and his wife Sharon and the entire Show Committee are handily organizing us for another year of fun and entertainment. I'm certain that everyone involved will have a great time.

I am looking for the 2015 Show Chairperson. This is a one year challenge and the charge that you get from seeing everything come together is like nothing else. It helps to be good at organizing and maybe have a yen to yield a little power. If you're interested, talk to me.

Are we 'fossilizing'? Our paid up membership has dropped down to about 75 rockhounds. Our volunteerism is down some too. Is it the economy that's dragging on us or are we just too busy prepping for our own show?

As far as volunteerism is concerned, it was great to see Norbert explain the ropes to Monica and Scott as they prepped, set up and arranged for workers to run our booth at Imaginology (formerly the Youth Expo). It was easy to keep my enthusiasm for my single shift making rings and talking rocks to kids and parents. Tougher, were the folks who put in multiple shifts over multiple days. The kids were really great and many parents were genuinely interested in what the Searchers do. It wouldn't surprise me if we see several of these families join us as members and I'm certain that many will attend our show.

CALIFORNIA FEDERATION OF MINERALOGICAL SOCIETIES ANNUAL SHOW – MAY 30 - JUNE 1

Next up is the CFMS show. This will take place at the L.A. County Fairgrounds from May 29 through June 1. We will have a Searcher's table there to pass out information on our group and possibly sign up new members. We'd also like to create a display to dazzle the show-goers. I have a few volunteers for attending our table already, but as you can imagine the more the merrier and additional volunteers would lighten the load for all. Hey, and on breaks you can shop the 'Big Show'.

<http://www.cfms2014show.com/files/CFMS2014flyer.pdf>

Jay Erb

UPCOMING EVENTS:

DESERT DISTRICT ADVISORY COUNCIL MEETING – MAY 10: There will be a meeting of the Desert District Advisory Council ("DAC") on Saturday, May 10 in Needles. The topic of this meeting will be "Connecting People to the Desert". The BLM is seeking to identify interpretive opportunities across the desert to draw the public off the freeways and get them out to explore our public lands, so if you have ideas about attracting people onto the public lands for rockhounding, this is your moment! Please come and contribute to this effort! The exact location and other specifics are to be determined. More information can be found at this website:

<http://www.blm.gov/ca/st/en/info/rac/dac.html>



Field Trips



DATE	LEADER	LOCATION	STATUS
5-17-182014	Jim Peterson	Ludlow Hematite Porphyry	planned
6-2014		No trip planned	

Near Ludlow Area

May 17-18, 2014

Jim Peterson Trip leader

For field trip
information

contact: Steve

Duncan V.P. Field
Trips, Searchers

Gem and Mineral
Society,

(714) 7247102

(cell) or

wsd@iteris.com

We will be having a field trip to the Ludlow area.

We will be collecting Thulite and Hematite Porphyry.

Directions to the campsite:

15 north to Barstow. 40 east approx 50 miles) to Ludlow

Exit 40 at Ludlow

Turn left, and left again onto old route 66 (directly opposite the Dairy Queen)

Go west on route 66 for 2.5 miles. Turn right and go .5 miles to the gravel quarry.

There will be a Searcher sign at the turn off

This will be a dry camp (but the Dairy Queen is ~3 miles away) so bring what you need

Trips will leave at 9AM on Sat and 8:30 AM on Sunday

We will have our traditional potluck on Sat night



Thulite

Leader Jimmy Peterson Cell # 714 904-8573

Field Trip VP Steve Duncan wsd@iteris.com cell# 714 724-7102

Long Range Field Trip

We are in the early planning stages for a long range trip this summer. It looks like it will be to Davis Creek for obsidian, and McDermitt, Nev. for petrified wood and agates, jaspers, etc. This trip will probably be around the 4th of July, and involve 3 days collecting at each site. If this sounds like something you would want to join please drop me an email so I can get a feel for how many folks are interested. More details will be forthcoming. Steve at wsd@iteris.com.

May Speaker Topic

Popular return speaker, Brandon Brown, is back with another awesome presentation about the Mammoth Mountain volcano range. He's back by popular demand (and I know many of you have waited patiently) for this new opportunity to delight us with his extensive knowledge on the geological and geo-thermal features of the Mammoth Mountain Volcano. Funny, intriguing and full of audience capturing

One of our sister clubs (the Whittier Gem and Mineral Society) has just listed an impressive field trip schedule for 2014. Members of their club often join us on our trips, and we are welcome to join them on their. You can never get too much rockhounding right? Anyhow, their schedule is below, if you plan to join them please do get in touch with Joe Goetz (their field trip leader) at (626) 622-9420. This way they will know you are planning on attending, and be able to update you if there are any changes to the plan.

2014 Field Trip Schedule

May 17 Wrightwood: Actinolite and visits to sites along the San Andreas Fault

June (TBA) Cerro Gordo Mine: Historical Ghost Town and minerals associated with the mining of silver, lead, and zinc. Noted as a location to find Smithsonite.

July 12 Palos Verdes: Glaucofane, barite and agate minerals.

Aug 2 Nipomo Show/Los Olivos: to collect Serpentine, the California State Rock. Possibly collecting Cinnabar and a stop at Ta-jiguas Creek for fossilized whale bone.

For up-to-date information on these field trips call Joe Goetz at (626)- 622-9420 Sept 20-21 Jalama Beach: Agate, jasper, petrified whale bone, traver-tine onyx, Marcasite and fossils.

Oct 11-12 Searles Lake Club Show & field trips: Pink halite crystals & borax minerals.

Nov 1-2 Whittier Claim Area: honey onyx, agate, jasper, palm root, etc.

Nov 28-30 Wiley's Well Area: Annual CFMS field trip for geodes, agates and other good stuff.

Dec 6 Himalaya Mine Tourmalines: Dig your own pink and green California tourmalines near beautiful Lake Henshaw in San Diego County, 20 miles east of Pala. This is a fee collecting site.

For up-to-date information on these field trips call Joe Goetz at (626)- 622-9420.



Trip Report South Cadys

Cady's April 3 & 4 2014



We had a small group this time, but it included some old lapsed members (who plan to rejoin) along with their grandchildren so it was nice to have some young folks along for the trip. We started at Sandy wash where everyone found some nice material, and then we explored some other locations in the South Cadys. The weather all day was beautiful, and the desert was alive with blooming flowers, so it was a very nice time. And the ability to stop at the Dairy Queen after a day in the deseter was very civilized. After our standard potluck and campfire Sat night we went to Lavic Siding to collect some nice Jasper on Sunday before folks started for home. Jimmy will be bringing us to the Ludlow area again in May, but we will collect some new locations. Hopefully you can join us on that trip, that will be it for local trips until the fall when things cool down, although there are tentative plans for a mini long range trip this summer. I'll keep you posted.



Steve

Club Meeting Activity

DATE	PRESENTER	SUBJECT
5-2014	Brandon Brown	Mammoth Volcano
6-2014	Jim Bowden	Rattlesnake Awareness
7-2014	Justin Zzyzx	Agates

Upcoming 2014 CFMS Gem Shows

For a more complete listing of shows go to web-site:

www.cfmsinc.org

www.mot.herlodemineralsociety.com/events.html

MAY 2014

May 2 - 4: BISHOP, CA Lone Pine Gem & Mineral Society Bishop Fairgrounds Sierra Street & Fair Drive Hours: Fri 5 - 10; Sat 9 - 7; Sun 10 - 3 Contact: Steve Mobley, (760) 793-6025 Email: steve@littlebearrocks.com
May 3 - 4: JACKSON, CA Amador County Gem & Mineral Society Kennedy Mine 12594 Kennedy Mine Rd (off Hwys 49/88) Hours: 10 - 4 daily Contact: Margaret Kolaczky Email: blackwolf@volcano.net

May 3 - 4: ANAHEIM, CA Searchers Gem & Mineral Society Brookhurst Community Center 2271 W. Crescent Avenue Hours: Sat 10 - 5; Sun 10 - 4:30 Contact: Robert & Sharon Burson, (562) 860-5938; cell (562) 706-2054 Email: burson-rocks@verizon.net Website: www.searchersrocks.org

May 3 - 4: PASO ROBLES, CA Santa Lucia Rockhounds Pioneer Park & Museum 2010 Riverside Avenue Hours: 9 - 5 daily Kim Noyes, (805) 610-0603 Email: kim-noyes@gmail.com Website: www.slrockhounds.org

May 3 - 4: YUCAIPA, CA Yucaipa Valley Gem & Mineral Society Scherer Senior Center 12202 First Street Hours: Sat 10 - 6, Sun 10 - 4 Contact: Lee Peterson, (909) 794-0731 Email: res09ayd@verizon.net Website: www.yvgms.org/wiki

May 10 - 11: LANCASTER, CA Antelope Gem & Mineral Society Lancaster High School 44701 - 32nd Street West Hours: 9 - 5 daily Contact: CJ Quitoriano, (661) 209-9092, Email: cjq_62@yahoo.com Website: www.avgem.weebly.com

May 10 - 11: RENO, NV Reno Gem & Mineral Society Reno Sparks Livestock Event Center 1350 N. Wells Avenue Hours: Sat 10 - 5; Sun 10 - 4 Contact: Steve Norman, (775) 358-7322, cell (775) 560-4782 Email: snorm11@hotmail.com Website: www.renorockhounds.com

2014 CFMS Show and Conference
May 30 - June 1 Fairplex, 1101 W. McKinley Ave POMONA, CA
to be hosted by the Pasadena Lapidary Society Show Website:
www.cfms2014show.com

May 31 - June 1: ESCONDIDO, CA Palomar Gem & Mineral Club California Center for the Arts 1340 N. Escondido Blvd. Hours: Sat 10 - 5; Sun 10 - 4 Contact: Michael Bagstad, (760) 489-1897 Email: gem-show@palomargem.org Website: www.palomargem.org

JUNE 2014

June 6 - 8: LA HABRA, CA North Orange County Gem & Mineral Society Sonora High School 401 S. Palm Street Hours: Fri 4 - 8:30; Sat 8 - 8; Sun 9 - 6 Contact: Nancy Bird, (562) 697-0636 Email: nancyjbird@verizon.net Website: www.nocgms.com

June 7 - 8: GLENDORA, CA Glendora Gems & Mineral Society Goddard Middle School 859 East Sierra Madre Hours: Sat. 10 - 5; Sun 10 - 4 Contact: Bonnie Bidwell, (626) 963-4638 Email: Ybidwell2@aol.com Website: Facebook Page

June 14 - 15: CAYUCOS, CA San Luis Obispo Gem & Mineral Club Cayucos Vets Hall at the Pier 10 Cayucos Drive Hours: 10 - 5 daily Contact: Kim Noyes, (805) 610-0603 Email: kim-noyes@gmail.com Website: www.slogem.org

June 27 - 29: RIALTO, CA Orange Belt Gem & Mineral Society "Tailgate" across street from Rialto City Hall 105 S. Palm Ave. (corner 1st & Palm Ave.) Hours: Fri & Sat 9 - 6; Sun. 9 - 3 Contacts: Ken or Jessica Gard, (909) 624-1782, (909) 887-5507 kengard@roadrunner.com Website: obmsrocks.yolasite.com

June 28 - 29: CULVER CITY, CA Culver City Rock & Mineral Club Veterans Memorial Auditorium 4117 Overland Ave Hours: Sat 10 - 6; Sun 10 - 5 Contact: Janice Metz Email: janicemtz@yahoo.com Website: www.culvercityrocks.org/fiesta.htm

May Birthstone - Emerald

May Birthstone poem - the Emerald
 "Who first beholds the light of day
 In spring's sweet, flower month of May
 And wears an Emerald all her life
 Shall be a loved and a loving wife."

May Birthstone - Properties of the Emerald



For those who were born in the month of May the Emerald is the traditional birthstone. The May birthstone poem reflects some of the properties with which the Emerald is associated - loyalty, faithfulness and friendship. The Traditional Metaphysical Properties for the May Birthstone Emerald are memory, clairvoyance and faith. The healing properties of the May birthstone are reputed to be effective for health problems relating to the eyes, fertility, the spine and headaches. The Emerald is also used to enhance mental capabilities



Searchers Annual Show

May 4th and 5th



We need help in other ways also:

- We will need small boxes and grocery bags etc. for people to carry their silent auction purchases or wheel of fortune winnings etc. Please save some or us.
- We need nice small specimens for the wheel of fortune
- We will need some nice items from some of the artists among the Searchers for grab bag prizes and door prizes
- We need some high quality material for the silent auction. We are doing pretty well on quantity, but need some more quality. So if you have 2 or 3 pieces of NICE material you can spare please donate it to the silent auction. You can bring it to me at the next club meeting, or even bring it to the show.

Searchers

We will be having a **Searchers Members' sale table**. If you'd like to display up to six items at a time for sale, please contact Margaret at hogarth.m@gmail.com or 909-815-3045. You will also be required to help staff the table. We recommend having more than six items as we refresh the table throughout the show.

Thank you, Margaret



In the Field

Porphyry is a variety of igneous rock consisting of large-grained crystals, such as feldspar or quartz, dispersed in a fine-grained feldspathic matrix or groundmass. The larger crystals are called phenocrysts. In its non-geologic, traditional use, the term "porphyry" refers to the purple-red form of this stone, valued for its appearance.

The term "porphyry" is from Greek and means "purple". Purple was the color of royalty, and the "Imperial Porphyry" was a deep purple igneous rock with large crystals of plagioclase. The rock was the hardest known in antiquity[1] and was prized for monuments and building projects in Imperial Rome and later.

Subsequently the name was given to igneous rocks with large crystals. Porphyritic now refers to a texture of igneous rocks. Its chief characteristic is a large difference between the size of the tiny matrix crystals and other much larger phenocrysts. Porphyries may be aphanites or phanerites, that is, the groundmass may have invisibly small crystals, like basalt, or the individual crystals of the groundmass may be easily distinguished with the eye, as in granite. Most types of igneous rocks may display some degree of porphyritic texture. (From Wikipedia)



Thulite (sometimes called rosaline) is an translucent, crystalline or massive pink manganese-bearing variety of the mineral zoisite. Manganese substitutes for calcium in the structure with up to two percent Mn^{2+} . [1] Thulite is often mottled with white calcite and occurs as veins and fracture fillings transecting many types of rock. In mineralogical literature, thulite may sometimes refer to any pink zoisite. Clinothulite is the manganese bearing variety of monoclinic clinozoisite.

Thulite was first discovered at a place called Sauland in Telemark, Norway in 1820.

[citation needed] It is named after the mythical island of Thule in the belief that the island is Norway.[citation needed] Thulite is used as a gemstone and carving material in the manufacture of jewellery and ornamental objects. (From Wikipedia)



Zoisite (Calcium-aluminum silicate) is a gray-green mineral that occurs in cracks of igneous rock. Zoisite has three known forms: anyolite (a green matrix containing rubies), tanzanite (transparent, blue-violet containing strontium), and thulite (opaque pink crystals containing manganese). Zoisite was named for the Slovenian mineral collector Baron Sigismund Zois von Edelstein, who financed the expedition that discovered Zoisite. (Enchanted learning.com)



Kid's Corner

We will be starting a section for kids. The information will be coming from a newsletter for kids called *Mini Miners Monthly* by Diamond Dan Publications . He is kind enough to allow us to use parts of his newsletter. This is from Vol. 8 No. 4.

Mineral Trivia: Did You Know?

1. Did you know that the average person will eat about 15 pounds of salt in a year?
2. Did you know that cinnabar (mercury sulfide) is one of the most poisonous minerals on earth?
3. Did you know that mercury is the only mineral that occurs as a liquid. It is also the only liquid metal. Mercury freezes at -38.83°C or -37.89°F .
4. Did you know that approximately 60 new minerals are discovered every year?
5. Did you know that a two centimeter garnet crystal took over ten million years to grow to that size?
6. Did you know that April's birthstone, Diamond, forms at depths between 75 and 120 miles beneath the earth's surface?
7. Did you know that over 40 different materials from minerals are needed to make a cell phone?
8. Did you know that the Hope Diamond, the famous, large, deep blue diamond that can be seen at the Smithsonian Museum's gem gallery in Washington, D.C. was mailed to the museum? Here is a picture of the package it was mailed in. (Photo: National Postal Museum).



Top Signs You are a Mineral Collector

Your Yahoo password is wulfenite, your gmail password is malachite and your Facebook password is corundum. You know the chemical formula for cavansite.

Words like "dodecahedral" and "jolly balance" actually make sense.

"Matrix" is not a movie title to you.

Your room is so full of specimens that you have to move your clothes in the garage.

Your garage is so full of specimens you have to move your clothes to the shed.

Your shed is so full of specimens . . . well, you get the idea.

You can find places like Tucson, Tsumeb and D'Alnegorsk on a world map.

You will pay \$100 for a wulfenite specimen but you won't pay \$25 for lunch.

Your vacation is a waste of time if you don't come home with at least one specimen.

Your girlfriend is named Crystal or Your boyfriend is named Rocky.

You hope to get amethyst, apatite, and pyrite when you go out trick-or-treating.

You know more than 10 mineral dealers by name . . . and they know your name, too.

You are disappointed to discover "The Phantom of the Opera" is not about crystals.



Minerals are grouped according to their chemical formulas.
Minerals that have a molecule in common are grouped together.

Group: Carbonates. Represented here by a picture of calcite.

Other carbonates are azurite, malachite, siderite, dolomite, rhodochrosite, aragonite, witherite, strontianite, cerussite, to name a few.



Group: Silicates. Represented here by a picture of quartz var. amethyst.

Other silicates are tourmaline, garnet, quartz, staurolite, kyanite, feldspars, topaz, epidote, zoisite, diopase, beryl, hornblende, amphiboles, pyroxenes....it is a very long list of minerals.



Group: Sulfides. Represented here by a picture of pyrite.

Other sulfides are galena, sphalerite, chalcocite, bornite, chalcopyrite, millerite, greenockite, pyrrhotite, Covellite, cinnabar, realgar, orpiment.



Group: Native Elements. Represented here by a picture of silver.

Native elements are minerals that are composed of a single element. The list includes silver, gold, copper, graphite, sulfur, iron, lead, antimony, bismuth, diamond, platinum, mercury.



Group: Halides. Represented here by fluorite.

Other halides are halite, sylvite, sal ammoniac, calomel, atacamite and cryolite.



Group: Oxides. Represented here by hematite.

Other oxides are cuprite, zincite, corundum, magnetite, ilmenite, rutile, pyrolusite, cassiterite, anatase, brookite, uraninite.



Mini Miners Monthly is produced by Diamond Dan Publications, Rochester, New York.
Darryl Powell, editor Emma Fajcz, contributing editor

Searchers Gem & Mineral Society

General Information



Check our website for unexpected changes in schedule!

www.searchersrocks.org

General Meetings: 7 PM, 2nd Tuesday of each month, Jan - Nov

Board Meetings: 6PM, 1st Tuesday of each month, Jan - Nov

Workshop: Thursday, 6 – 10 PM, free wire-wrap class.

Saturday, 3 – 7 PM Free silver-smithing class 1st, 2nd, 3rd Saturdays (schedule varies).

Location: Anaheim Downtown Community Center
250 East Center St.
Anaheim, CA 92805

Mailing Address: Searchers Gem & Mineral Society, Inc.
P.O Box 3492
Anaheim, CA 92803

Website: www.searchersrocks.org

Membership Dues:	Individual	\$25
	Couple	\$35
	Junior (17 & under)	\$10

Valid Jan.1-Dec.31, not prorated

Bulletin: Submissions due 3rd Friday of the month via e-mail to: editor@searchersrocks.org.

Bulletin distributed 1st week of each month. Mail exchange bulletins to the editor:

Searchers —Linda Horn Editor

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Anaheim, Ca. 92803

Charter Date: April 20, 1958

Affiliations: California Federation of Mineralogical Societies



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