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FIELD TRIPS

GENERAL MEETING

SPEAKERS

The Rock Slab News

The Searchers Gem & Mineral Society, Anaheim CA

VOLUME 52, ISSUE 7



JULY 2015

The President's Message



Hello Searchers and Visitors!

The First Lady and I have just returned from the CFMS Show and meeting. The show was a smashing success with dozens of cases of gorgeous lapidary art and jewelry and 3 rooms of vendors plus a spillover of vendors outside in the heat. That said I have never seen a show that could stand close to our Silent Auction. The sheer quantity, variety and quality of our Searchers Silent Auction is unmatched anywhere.

One of the joys of this CFMS meeting was to find that another of our members has been given the title of Rockhound of the Year. You may remember that Herb Beckman was given this award last year. I will leave you in suspense for this year's awardee and will make the presentation of the award at the July meeting.

Elections are approaching:

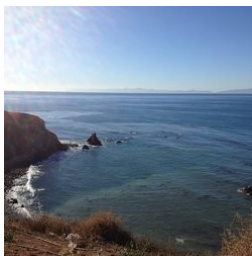
The CFMS and AFMS have an election tradition called 'Following the Chairs'. This is where a member starts with a junior Board position (Treasurer or Secretary) works their way up through 2nd and 1st Vice Presidents and finally becomes President. It's typically a 5 year journey. I bring this up because the Searchers do not do this! Anyone who enjoys their position is allowed to re-run for that position annually. Any member can run for any of the Board positions, even those with incumbents, without having held any other previous position. Another tool that the CFMS uses, which we can bypass, is 'Roberts Rules of Order'. Our meetings are neither so large nor raucous that we need to closely follow this. I mention this in case any potential candidate fears that they may have to follow, or worse, memorize, this set of rules. For example, as President, I act as the Master of Ceremonies during the meeting and can simply follow a script from 'Call to order' through 'Meeting adjourned' without the need of a Parliamentarian.

Lastly, while talking about Future Rockhounds of America, one speaker said: Pay it forward – assist others – ask "What can I do to help?". I find this to be a refreshing sentiment.

[Jay Erb](#)

President, Searchers Gem and Mineral Society

Become a Rockhound Activist. We're not asking you to 'Rock the World', just protect the places you love.



See P. 2 for Palo Verdes Field Trip: 1st trip for the Rock "N" Kids

P. 7 for information on new Youth Program.

See P.5 for information on the Searchers' Annual Picnic in August

Field Trips



DATE	LEADER	LOCATION	STATUS
7/11/2015	Norbert Bernhardt	Palo Verdes	planned

The Searchers and Rock "n" Kids Field Trip - Palos Verdes, CA

Saturday, July 11, 2015

This will be a day trip to the Palos Verdes peninsula. This trip is for all Searchers and this will also be our **first Rock 'n' Kids event**. We will be looking for the mineral Barite. **See photo.**

Meet: 10:30am at Pelican Cove parking lot. Low tide is at 12:10pm. It will be about 11:15am by the time we get to the shoreline. Figure approx. 1 hour and 15 minute drive from Orange County, Anaheim.



Directions: From Orange County, Anaheim, take the San Diego Frwy (405) going toward Los Angeles and exit at the Hawthorne Blvd. offramp. Turn left on Hawthorne Blvd. and **go all the way to Palos Verdes Blvd.** which is right next to the ocean. **Turn left onto Palos Verdes Blvd** and almost immediately you will see Point Vincente lighthouse on your right. Shortly after the light house, **on your right**, is Pelican Cove Park and parking area. (Watch for sign which is on left side of road). **Turn right into parking lot.** This parking lot is where we will meet and we will walk along the path by the bluff to the shore.

****If you go up to the light at Terranea Way you have gone just a little to far. You can u turn there, but it will be difficult to find a legal u turn to go back to other side of road.**

Be careful!

Equipment: Rock pick, chisel or gad, 2-3 lb crack hammer. back pack to carry tools and specimens and paper towels to wrap specimens. Try to bring 2 cardboard, dozen egg holders to put specimens in.

Clothing and lunch: I would wear jeans to protect your legs from scrapes. (Would **not** wear shorts) A good pair of tennis shoes or hiking shoes. **No Flip Flops!!!**

Anyone with flip flops will not be able to participate. It is not easy walking! Sunscreen, hat, water and something to eat would be good. We will probably be there until 3pm.? It is an easy walk to the shoreline but very rocky once you get to the waters edge. For those that get to the shoreline and they think that they cannot walk it, there is an area where you can sit by a small restaurant with food. (I've heard it is expensive).

Any questions? Feel free to call Norbert at 714-904-2181



Barite found at Palo Verdes site. Left is about 2 1/2 " and the right one is about 1"

See page 6 for more information on material to be found.



For field trip
information

contact: Robert

Burson V.P. Field

Trips, Searchers

Gem and Mineral

Society,

bursonrocks@veriz

on.net

Trip Report: Himalaya Tourmaline Mine



The one day field trip to the Tourmaline mine was well attended. Around 35 people with around 7 from the Searchers club. It was a hot day and a piece of shade was a very good thing to bring along. Mark Nelson from Pasadena Club did a great job as trip leader. Many pieces were found by many dedicated sifters. A large dirt pile was reduced to just mole hill in the quest for treasure.

Report by Jim Peterson.



Other Local Upcoming Field trips

2015 MULTI-CLUB FIELD TRIP SCHEDULE Expanded and current information for these collecting opportunities will be published in the Bulletin for the particular month. As always, you should to contact the field trip leader ahead of time because: 1. Sometimes field trips are canceled or changed for various reasons including inclement weather or areas being closed. 2. If we don't know you are coming we won't wait for you and you may not find out the planned camp site was moved until too late. Distributed to the representatives of the Delvers – Long Beach – North Orange County – Pasadena – Whittier – Searchers Gem - Monrovia Rock-hounds Mineral and Lapidary Clubs For up-to-date information on these field trips and how to join the trip please see Kevin Doran, our club's field trip leader or call Joe Goetz at (626)-622-9420.

AUG 2: LOS OLIVOS to collect Soap Stone and Serpentine, the California State Rock.

SEPT 19-20: GREENHORN MOUNTAINS - Kernville Rose Quartz, Epidote, Garnet

OCT 10-11: SEARLES LAKE SHOW & field trips: Pink halite crystals & borax minerals.

NOV 7-8: WHITTIER CLAIM AREA - Barstow for honey onyx, agate, jasper, palm root.

NOV 27-29: THANKSGIVING TRIP - Owens Valley or Afton Canyon.

DEC 12: SALTON SEA - YUHA Fossil Beds, Tour Geothermal Power Plant, Mud Volcano Field.

JAN 24-25: QUARTZSITE ARIZONA

July Speaker: Description: She was an equipment dealer at the Opal Show last year and has offered to give a presentation demo on her amazing lapidary equipment known as the JoolTool system. A fascinating new design in polishing and grinding of gems, jewelry and more.

Club Meeting Activity

DATE	PRESENTER	SUBJECT
7-2015	Anie Booth	JoolTool Demo
8-2015	Lothar Vallot	Lore of Gem Stones
9-2015	Steve Hardinger	Basic Chemistry for the Mineral Collector

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

www.cfmsinc.org

Upcoming 2015 CFMS Gem Shows

AUGUST 2015

August 29 - 30: CONCORD, CA Contra Costa Mineral & Gem Society Centre Concord 5298 Clayton Road (near Ygnacio Valley Rd.) Hours: 10 - 5 daily Contact: Harry Nichandros, (925) 289-0454 Email: show-c@ccmgs.org Website: www.ccmgs.org

SEPTEMBER 2015

September 19 - 20: CHICO, CA Feather River Lapidary & Mineral Society, Oroville Silver Dollar Fairgrounds 2357 Fair Street Hours: Sat 9:30 - 5 daily John Scott, (530) 343-3491 Email: jweazel@sbcglobal.net Website: www.featherriverrocks.org

September 19 - 20: REDWOOD CITY, CA Sequoia Gem & Mineral Society Community Activities Building 1400 Roosevelt Avenue Hours: 10 - 5 daily Contact: Carol Corden Email: cordencarol@yahoo.com Website: www.sequoiagemandmineralsociety.org

September 26 - 27: DOWNEY, CA Delvers Gem & Mineral Society Elks Lodge 11233 Woodruff Avenue Hours: Sat 9 - 5; Sun 9 - 4 Contact: Dale Hardwood (310) 217-0551 Email: nancyjbird@verizon.net

September 26 - 27: MONTEREY, CA Carmel Valley Gem & Mineral Society Monterey Fairgrounds 2004 Fairgrounds Road Hours: Sat 10 - 6; Sun 10 - 5 Contact: Janis Rovetti, (831) 372-1311 Email: janis12@sbcglobal.net Website: www.cvgms.org

September 26 - 27: SANTA ROSA, CA Santa Rosa Mineral & Gem Society Wells Fargo

Center for the Arts 50 Mark West Springs Road Hours: Sat 10 - 6; Sun 10 - 5 Contact: Jolene, (707) 528-7610 Email: Jolene@srmgs.org Website: www.srmgs.org

OCTOBER 2015

October 5 - 6: BORON, CA Mojave Mineralogical Society Boron Park 12000 Boron Avenue Hours: 9 - 4 daily Contact: Steve Breckenridge, (760) 559-0872 Email: rock5b@starband.net

October 3 - 4: VISTA, CA Vista Gem & Mineral Society Antique Gas & Steam Engine Museum 2040 North Santa Fe Avenue Hours: Sat 10 - 5; Sun 10 - 4 Contact: Ray Pearce, (760) 535-5524 Email: vistarocksgms@gmail.com Website: www.vistarocks.org

October 11: FALLBROOK, CA Fallbrook Gem & Mineral Society 123 West Alvarado Street Hours: 9 - 4 Contact: (760) 728-1130 Email: fgms@sbcglobal.net Website: www.fgms.org

October 11 - 12: TRONA, CA Searles Lake Gem & Mineral Society SL G&MS Show Building 13337 Main Street Hours: Sat 7 - 5; Sun 7 - 4 Jim & Bonnie Fairchild, (760) 372-5356 Email: slgms@iwwisp.com Website: www1.iwwisp.com/tronagemclub

October 17 - 18: PLACERVILLE, CA El Dorado County Mineral & Gem Society El Dorado County Fairgrounds 100 Placerville Drive Hours: 10 - 5 daily Contact: Karen Newlin, (530) 676-2472 Email: info@rockandgemshow.org Website: www.eldoradorocks.org

October 24 - 25: LOS ALTOS, CA Peninsula Gem & Geology Society Los Altos Youth Center One No. San Antonio Road Hours: 10 - 5 daily Contact: Steve Jobe, (408) 834-5384 Email: steve_job@sbcglobal.net Website: www.pggs.org

NOVEMBER 2015

November 7 - 8: ANAHEIM, CA American Opal Society The Phoenix Club 1340 South Sanderson Avenue Hours: Sat 10 - 6; Sun 10 - 5 Contact: Veronica Purpura, (714) 501-9959 Email: info@opalsociety.org Website: www.opalsociety.org/

November 7 - 8: RIDGECREST, CA Indian Wells Gem & Mineral Society Desert Empire Fairgrounds 520 South Richmond Road Hours: 8 - 5 daily Contact: John DeRosa, (760) 375-7905 Email: jfrocks@dslextrême.com

November 21 - 22: APPLE VALLEY, CA Valley Gem & Mineral Club Victor Valley Museum 11873 Apple Valley Road (x Bear Valley Rd.) Hours: Sat 9 - 5; Sun 9 - 3 Contact: Cyndy Mandell, 760.508.1080, 760.508.1080 Email: cynmandell@me.com Website: www.vvgmc.org

July Birthstone - Ruby

A ruby is a pink to blood-red colored gemstone, a variety of the mineral corundum (aluminum oxide). The red color is caused mainly by the presence of the element chromium. Its name comes from ruber, Latin for red. Other varieties of gem-quality corundum are called sapphires. Ruby is considered one of the four precious stones, together with sapphire, emerald and diamond.



Prices of rubies are primarily determined by color. The brightest and most valuable "red" called blood-red or "pigeon blood", commands a large premium over other rubies of similar quality. After color follows clarity: similar to diamonds, a clear stone will command a premium, but a ruby without any needle-like rutile inclusions may indicate that the stone has been treated. Cut and carat (weight) are also an important factor in determining the price. Ruby is the traditional birthstone for July and is always lighter red or pink than garnet. The world's most expensive ruby is the Sunrise Ruby.

From Wikipedia: <https://en.wikipedia.org/?title=Ruby>



Searcher's Potluck- Picnic 2015

Date and Time: Saturday, August 8th from 11am to 3pm

Location: Yorba Regional Park, 7600 E. La Palma Ave, Anaheim Hills, CA 92807

Area: Site #6 by Parking Lot #2

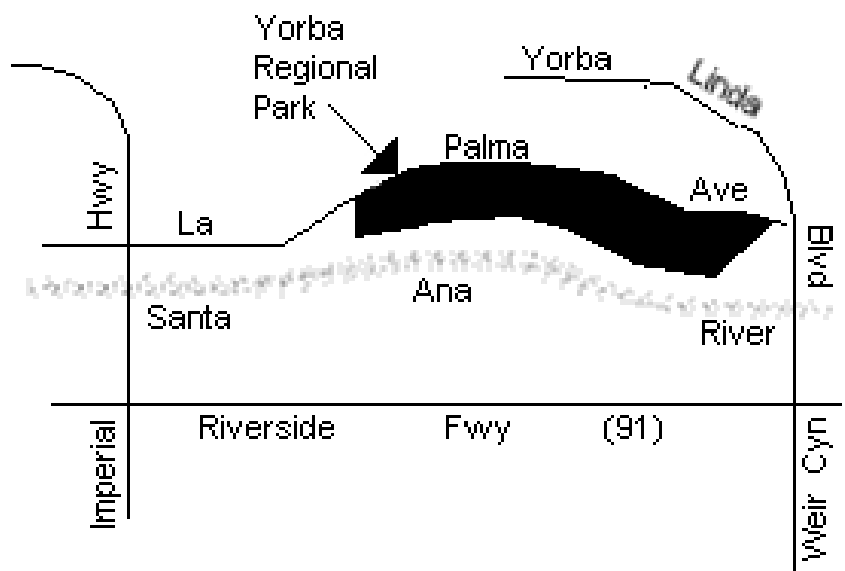
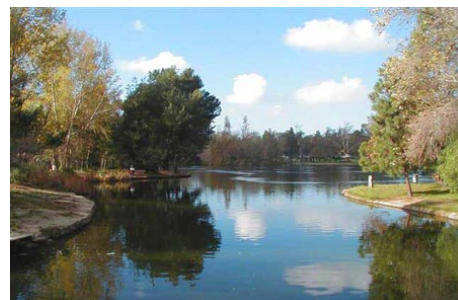
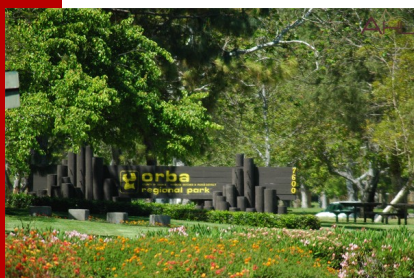
Contacts: Veronica Purura (714) 501-9959

The Searcher's will provide sodas and water

Please respond to Veronica

angeldragonflight@yahoo.com

if you are planning on attending and let her know what
you would like to bring.



In The Field: What to find at Palo Verdes site

A few things that have been found at the Palo Verdes site.

Glaucophane: Hydrated Sodium Magnesium Aluminum Silicate It is a semi translucent stone in multicolored green hues. Black and wine red can be found. Recognizable by the semi translucent, variegated pattern. Great for tumbling, cabbing, spheres, etc.



Selenite: Hydrated Calcium Sulfate From the Greek σελήνη, for "moon," in allusion to the moon-like white reflections of the mineral or to the quality of the light transmitted by semi-pellucid gypsum slabs of cleavages used as windows.



Dog-Tooth Dolomite: Calcium Magnesium Carbonate Usually found as druzes or clusters of small rhombohedral crystals with a somewhat "saddle"-like shape, white to tan to pink in color. An important sedimentary and metamorphic mineral, found as the principal mineral in dolostones and metadolostones, and as an important mineral in limestones and marbles where calcite is the principal mineral present. Also found as a hydrothermal vein mineral, forming crystals in cavities; and found in serpentinites and similar rocks.



Barite: Barium Sulfide This is a deep golden honey colored, translucent, cockscomb mineral. Some sources are the beach cliffs as crack filled seams, or eroded down to the shoreline as fist-size chunks. These are great Display pieces. Perfect addition to any mineral collection.

Barite is well-known for its great range of colors and varied crystal forms and habits. It is an immensely popular mineral among collectors. Barite is easily identifiable by its heavy weight, since most similar minerals are much lighter. Barite often replaces other minerals, and may even replace organic materials such as wood, shells, and fossils. It sometimes forms tufacious mounds from deposition of hot, barium-rich springs. Controversy exists in regards to the spelling of Barite. For the last 100 years or so, this mineral has always been spelled "Barite" in the United States. In the United Kingdom, the spelling has traditionally been "Baryte". The IMA has recently changed the official spelling from "Barite" to "Baryte", and this has been a very controversial move, with many questioning the IMA's logic behind this change. Most U.S. mineral collectors and mineralogists still prefer the spelling Barite, and we reflect that spelling here in this guide as well. Barite specimens from certain locations are brown from sand inclusions, and may occur in beautiful rosette aggregates that strikingly resemble a flower. These are known as Barite "Desert Roses". The mineral Gypsum also contains similar Desert Roses, but the Gypsum roses are much light in weight, and are more brittle and thin. Barite is isomorphous and very similar in form with the mineral Celestine, and may partially replace it.



See more at: <http://www.minerals.net/mineral/barite.aspx#sthash.MJ5aVWbR.dpuf>

Kid's Corner

This is the section for new and upcoming Searchers. 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. 9 No. 5.

Mineral Photography

By Emma Fajcz

Have you ever wanted to print off photographs of your collection to store in an album, put on greeting cards, or show to your friends in your local mineral club? This month, I'll give you some tips on taking pictures of your mineral collection to help you get started.

First, you'll need a camera. This can be a simple point-and-shoot camera or even one of your parents' cell phones. If your family has a really good camera, you might want to use that once you have some more practice with photography and your parents' permission.

Now, it's time to go through your collection and decide which specimens you'd like to photograph. You could do it any way you like. Maybe you want to do all the green ones first or just your favorites. If you don't want to take pictures of your minerals, ask around at your mineral club to see if anyone is willing to let you photograph their minerals.

The weather is another important factor to consider, especially if you're taking outdoor pictures. It's usually not ideal to take pictures outside on really sunny days unless you can make the light softer, since the bright sunlight creates harsh shadows. However, you can use shadows to create interesting effects if you like. Gray, cloudy days have softer light, which is generally better for photography. Even if you are photographing indoors, go near a window on a cloudy day for good lighting. Surprisingly, dirty windows make the light from outside softer, so try taking pictures near the window. Be sure you can't see distracting grime in your photo, though!

Another aspect to consider is the time of day. At noon, the sun is at its highest point, often creating sharp shadows. Towards the end of the day, usually between four and five o'clock, or for the last hour the sun is up, the sun's rays get a "golden" tone and are more yellow. This also happens early in the morning, not long after sunrise. Since your camera records light information to create a photograph, it's vitally important that your lighting creates the effect you desire.

You'll also have to think about what kind of surface you want to display the mineral sample on, and what background would complement the specimen the best. A fun surface to photograph on is a wooden deck, especially if the wood is cracked or discolored. The color and texture variations offer a multitude of different possibilities for backgrounds and

surfaces. For example, a sample of malachite might look really striking on top of a deck that's been stained red. Try not to get distracting items like fallen leaves in your photo. Remember that the focus of the picture is on the mineral, so make it clear that the specimen is the focal point.



Rainbow Treasure by Emma Fajcz, 2015.
Rainbow Hematite



Purple Cluster by Emma Fajcz, 2015.
Amethyst



Boomerang by Emma Fajcz, 2015.
Agate

Con. on page 8

Mineral Photography (con.)

Here's a neat way to get a professional-looking background for a mineral photo. Take a sheet of white, eight-and-a-half by eleven inch paper that's free from marks or tears and clip it onto something a few inches off the ground. Let the paper touch the floor or ground and bend towards you to create a seamless background. You can also lay the paper down on a flat surface and pose your mineral on top of that.

Other places to position your specimens include a cement driveway or sidewalk, tree roots, an old flowerpot, or a glass-topped table. Experiment with shining a lamp or flashlight

through a translucent slab of agate for another fascinating effect. Like with *Boomerang* above, experiment with sheets of white paper underneath the specimen while it's placed on a lamp.

Throughout this article, I've included three examples of mineral photography that might inspire you do some of your own this month. Maybe you can share your mineral photos with members of your mineral club by bringing printed copies of your pictures to the next club meeting or emailing them to fellow members.

New Youth Activities for Young Searchers

Hi!

My name is Norbert Bernhardt and I have just volunteered to be the youth coordinator for the Searchers Gem and Mineral Society in Anaheim.

I will be doing a program called the AFMS/FRA Badge Program. **Future Rockhounds of America.**

Kids, up to 18 years old, will be able to earn 20 badges. (Rocks & Minerals, Earth Resources, Fossils, Lapidary Arts, Collecting, Showmanship, Communications, Field Trips, Leadership, Earth Processes, Earth and Space, Gemstone Lore and Legend, Stone Age Tools and Art, Gold Panning and Prospecting, Rocking on the Computer, The World in Miniature, Special Effects, Fluorescent Minerals, Reaching Across Generations, and Maps.

When kids earn 6 of the 20 badges they get a "Rockhound Badge" and if they complete all 20 they receive an AFMS cloisonne pin.

I have a 223 page guide book that describes and outlines requirements for each of the 20 badges. Also included are checklists so the youth leader, me, can sign off on all activities.

If you plan on doing the program, your rock and mineral club needs to be affiliated with the AFMS. I would prefer if you were members of the Searchers in Anaheim, but I will accept kids from other clubs.

Please let me know if you are really interested in this program.

I know the kids will have a lot of fun. A lot of the activities will be hands on. As we go through the program, kids will be able to build a collection and also find their own rocks and minerals on the field trips. Many of the activities will be held at a facility in Tustin.

Please contact me by e-mail or call me so I know that you are interested.

I look forward hearing from you.,

Norbert Bernhardt 714-904-2181 or e-mail to ptinfo@ptcreations.net



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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