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### POINTS OF INTEREST

#### FIELD TRIPS

#### GENERAL MEETING

#### SPEAKERS

# The Rock Slab News

The Searchers Gem & Mineral Society, Anaheim CA

VOLUME 52, ISSUE 9



SEPTEMBER 2015

## The President's Message

Hello Searchers and Visitors!

Thank you to 1<sup>st</sup> VP Veronica for organizing a great picnic in August. It's so nice just to sit and talk rocks in a relaxed atmosphere.

Reminders regarding the Workshop:

The Workshop will be closed Thursday September 10. Last week I received an update from the Community Center to say that they had changed the Visual Arts room repair date to the 10<sup>th</sup>. The Workshop will be open September 3.

Work continues apace on the calendar for next year's show. Please talk to Margaret or Jenny. Steve D has created space on the website for submitting photos. There is also a place on the website to grant the Searchers permission to use your photo.

We are looking for nominees to be the recipient of our annual \$500 student scholarship. Some of the qualifications are that the recipient is an Orange County resident, that they shall be attending college/university in the year of the award (2015) and that they have an interest or intent to study geology or related earth science. The application should soon be available on the website.

We've made a good go at creating a Searchers monthly meeting display. Last month Steve D showed off a display that showed the progression of a rock into a slab and then becoming jewelry. If you want to show off a display at the meeting please bring it in a case. We haven't quite figured out who will coordinate the displays, but I encourage you to share your hobby with our new friends and visitors.

At our last meeting we also tried out bringing free rocks for new members and those who can no longer go on field trips. If you decide to bring 'free rocks', please be ready to take any remainders back home with you. We also tried bringing slabs to be donated for sale by the Searchers. (Thank you, Charlotte) Let me remind folks that these are not the slabs that we hope you are cutting for donation to our Vets. Like the displays above, we don't quite have the coordination for these activities settled yet, but we're open for suggestions.

[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.

**The Workshop will be open 9/3/15. IT WILL BE CLOSED 9/10/15.**

See Pages 2-3 & 6 on upcoming field trips.



## Field Trips

DATE	LEADER	LOCATION	STATUS
9/10-13/2015	Combined trip	Greenhorn Mts.	planned
10/17-18/2015	Steve Duncan	Holbrook , AZ area	planned



### Searchers Sept. 10-13th 2015 Field Trip

The September trip is a joint field trips with other clubs, the information is below.

CGMC-OGMS-VGMS Co-op Field Trip– Greenhorn Mountains, CA.

Leader Robert Sankovich, 805-494-7734, [rmsorca@roadrunner.com](mailto:rmsorca@roadrunner.com)

Co-op-clubs, Conejo, Oxnard, Ventura.

**For field trip  
information**

**contact: Robert**

**Burson V.P. Field**

**Trips, Searchers**

**Gem and Mineral**

**Society,**

**[bursonrocks@verizon](mailto:bursonrocks@verizon.net)**

**on.net**

This trip is to be a weekend field trip, but I know that many can only do a Day Trip. Thursday-Friday will be the "Drive to the Campsite and Set Up" day. Friday morning, we will head out to the Rose Quartz at about 9am to 10am. Friday late afternoon, we will head out for the, Epidote and Garnet source. There will be some hiking up hill on this Trip, but mostly on dirt forest roads. As it gets dark we will collect Scheelite/Tungsten. If you have a short wave ultraviolet light bring it. I have one, but it would be great if others brought theirs.



Saturday morning, we will head out to the Rose Quartz at about 9am to 10am. This is to accommodate those driving up that morning. It should take about 3.5 to 4 hours to drive to the Campsite from Ventura, so get up early and drive safe. Friday, Saturday those who have been there before will leave earlier for the Rose Quartz. Sunday morning, we will be Packing up and going home, some will still go to the Rose Quartz again and will start early, about 9am, as we need to pack up and head for home that afternoon. There will be a potluck Sat evening.

**Information:** The campsite is a Dry Site. No Water, No Hook-ups. If you are camping over, you will need to bring water for drinking and cleaning. I recommend filling a five-gallon water cooler jug with your tap water and bottled water for the Hiking and stuff. This is a Pack In / Pack Out trip. We are responsible for our own trash and we need to set an example as Rock Hounds. Fire permits will be required I have one. You can get them free: <http://www.preventwildfireca.org/Campfire-Permit/>

In Bakersfield on the way up to the campsite. Campfire Permit BLM office in Bakersfield at: 3801 Pegasus Drive. They will be open from 7:30 am - 4:15 pm on Friday. Telephone: 661-391-6000 and Kernville Office at 105 Whitney Road Kernville, Telephone: 760-376-3781. You can only use propane stove, grills, no wood fire rings.

Online: [http://www.fs.usda.gov/detail/sequoia/passes-permits/recreation/?cid=fsbdev3\\_059516](http://www.fs.usda.gov/detail/sequoia/passes-permits/recreation/?cid=fsbdev3_059516)

**Directions:** Frog Meadow Camp, 13 miles north of Greenhorn Mountain County Park off Highway 155 in the Sequoia National Forest. N35 52.23.10' W118 34.44.12' Look for my CGMC posts.

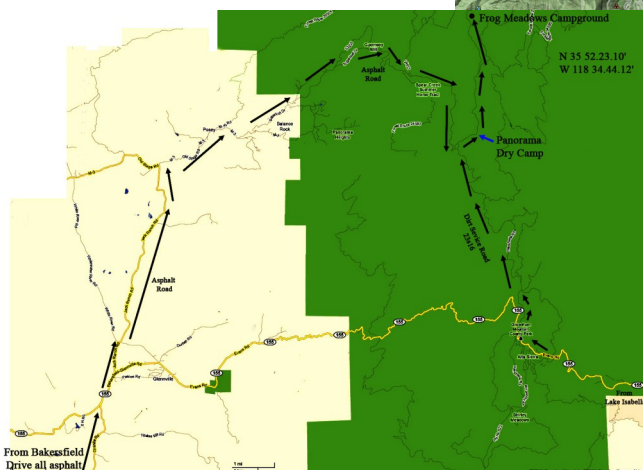
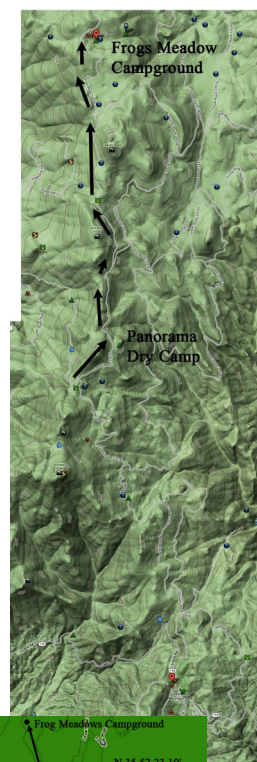
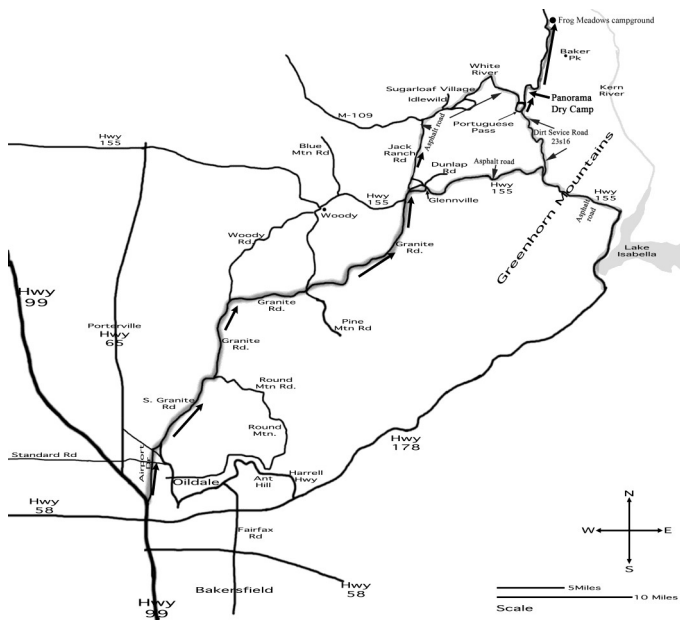
**What to Bring:** bug spray, warm clothes for the cool nights, light clothes for the sunny afternoons, hiking shoes, sunscreen, large brim hat, shovel, rock hammer or pick, gad or chisel, sledges, collecting bags, buckets, day pack, eye protection, sturdy shoes, drinking water, trash bags and the usual stuff you bring when you camp. Food for the potluck. Flash Lights.



## SEPT Field Trip (con.)

**What to find:** Rose Quartz, a semi-translucent quartz colored pink to lavender by small amounts of Titanium atoms. This variety of rose is reported to have an asterism or six-ray star when polished properly. The quartz is in the cliff face that you will be walking down. You will need to bring heavy sledges and chisels to break away large pieces of quartz although there is lots of small stuff. The quartz is somewhat fractured but well healed. There are lots of small gemmy pieces down the hillside. GPS=35d 51m 22s North, 118d 31m 46s West, Elevation 7244' ([http://www.caltelephone.com/lamps/rose\\_quartz.htm](http://www.caltelephone.com/lamps/rose_quartz.htm)) Epidote, a Yellowish green to Brownish green to Black crystal that is long and transparent to translucent. The crystals are shaped like slender Prisms (e.g. tourmaline). Garnet, of the Grossular variety. These well-formed crystals, are Brown to Orange in color and transparent to sub-translucent.

Tungsten Ore, of the Scheelite variety. A fluorescence mineral has been found in many of the mountains and road-cuts. We will venture out for this collecting after dark, as the use of a Black light is vital.



**September Speaker:** You see him at the Searcher's Show, and he intrigued us with his presentation on gypsum last year. It's Steve Hardinger, the Dragon Mineral guy, and he's back to give us a new presentation that breaks down the minerals to their basic chemical components and why we should know them. It will be an introduction to the basic chemistry that he thinks every mineral collector should know (doesn't matter if you've had any previous chemistry knowledge). It should be fun and interesting for everyone.

## Club Meeting Activity

DATE	PRESENTER	SUBJECT
9-2015	Steve Hardinger	Basic Chemistry for the Mineral Collector
10-2015	Anie Booth	Jooltool
11-2015	none	Pie Party and Cabinet Member Elections



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

[www.cfmsinc.org](http://www.cfmsinc.org)

## Upcoming 2015 CFMS Gem Shows

**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](mailto:jweazel@sbcglobal.net) Website: [www.featherriverrocks.org](http://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](mailto:cordencarol@yahoo.com) Website: [www.sequoiagemandmineralsociety.org](http://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](mailto: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](mailto:janis12@sbcglobal.net) Website: [www.cvgms.org](http://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](mailto:Jolene@srmgs.org) Website: [www.srmgs.org](http://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](mailto: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](mailto:vistarocksgms@gmail.com) Website: [www.vistarocks.org](http://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](mailto:fgms@sbcglobal.net) Website: [www.fgms.org](http://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@iwvisp.com](mailto:slgms@iwvisp.com) Website: [www1.iwvisp.com/tronagemclub](http://www1.iwvisp.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](mailto:info@rockandgemshow.org) Website: [www.eldoradorocks.org](http://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](mailto:steve_job@sbcglobal.net) Website: [www.pggms.org](http://www.pggms.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](mailto:info@opalsociety.org) Website: [www.opalsociety.org/](http://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](mailto: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](mailto:cynmandell@me.com) Website: [www.vvgmc.org](http://www.vvgmc.org)

### DECEMBER 2015

**December 5 - 6:** LAKESIDE, CA El Cajon Valley Gem & Mineral Society Lakeside Rodeo Grounds 12584 Mapleview Street Hours: Sat 9 - 5; Sun 9 - 4 Mary Ness, (619) 449-0759 Email: [ecvgms@gmail.com](mailto:ecvgms@gmail.com) Website: [www.ecvgms.com](http://www.ecvgms.com)



## September Birthstone - Sapphire

The sapphire is one of the three gem-varieties of corundum, the other two being ruby – defined as corundum in a shade of red, and padparadscha – a pinkish orange variety. Although blue is their most well-known color, sapphires may also be colorless and they are found in many colors including shades of gray and black.

The cost of natural sapphires varies depending on their color, clarity, size, cut, and overall quality – as well as their geographic origin. Significant sapphire deposits are found in Eastern Australia, Thailand, Sri Lanka, China (Shandong), Madagascar, East Africa, and in North America in a few locations, mostly in Montana. Sapphire and rubies are often found in the same geographic environment, but one of the gems is usually more abundant in any of the sites.



Rubies are corundum which contain chromium impurities that absorb yellow-green light and result in deeper ruby red color with increasing content.[18] Purple sapphires contain trace amounts of vanadium and come in a variety of shades. Corundum that contains ~0.01% of titanium is colorless. If trace amounts of iron are present, a very pale yellow to green color may be seen. However, if both titanium and iron impurities are present together, and in the correct valence states, the result is a deep-blue color.

## In The Field: Rose Quartz

Quartz is the second most abundant mineral in the Earth's continental crust, after feldspar. Its crystal structure is a continuous framework of  $\text{SiO}_4$  silicon-oxygen tetrahedra, with each oxygen being shared between two tetrahedra, giving an overall chemical formula of  $\text{SiO}_2$ .

There are many different varieties of quartz, several of which are semi-precious gemstones. Since antiquity, varieties of quartz have been the most commonly used minerals in the making of jewelry and hardstone carvings, especially in Europe and the Middle East.

**Rose quartz** is a type of quartz which exhibits a pale pink to rose red hue. The color is usually considered as due to trace amounts of titanium, iron, or manganese, in the massive material. Some rose quartz contains microscopic rutile needles which produces an asterism in transmitted light. Recent X-ray diffraction studies suggest that the color is due to thin microscopic fibers of possibly dumortierite within the massive quartz.

Additionally, there is a rare type of pink quartz (also frequently called crystalline rose quartz) with color that is thought to be caused by trace amounts of phosphate or aluminium. The color in crystals is apparently photosensitive and subject to fading. The first crystals were found in a pegmatite found near Rumford, Maine, USA, but most crystals on the market come from Minas Gerais, Brazil

From Wikipedia <https://en.wikipedia.org/wiki/Quartz>



## 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 Rockhounds 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**.

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

## Planning Ahead:

# Holbrook Field Trip Plan

October 17 & 18, 2015

Leaders Steve Duncan and Cat Van Kampen

The October trip will be to the Holbrook AZ area for petrified wood. This area has the best colored (pinks, yellows, purples etc) wood I am aware of. To aid us in our search I have enlisted the help of a long time friend of the Searchers Cat Van Kampen. Many of you know Cat and know that she is an excellent trip leader. You will need at least a high clearance vehicle for the collecting, but as usual we can car pool people that need it. However if you do need to carpool to the collecting site with someone with a truck please make plans with them, or contact me. We haven't been too full to carpool people yet, but it could happen.



To make things simple we will be staying at the Route 66 RV Park, at 7625 Quartzsite St in Sun Valley Az. This is very much a no frills RV Park, but it is conveniently located. It has showers and restrooms. I plan to be at the RV Park Friday evening. There are also motels in Holbrook, including the very cool Wigwam motel where the rooms are concrete wigwams and they have **great** displays of petrified wood in the lobby.

On Sat we will meet at 9AM at Jim Gray's Petrified Wood Co 147 US-180, Holbrook AZ. We will spend a few minutes looking at the shop and from there we will visit the Petrified National Forest. There is a fee of \$10/vehicle to enter the park. Your entrance fee is good for 7 days if you wish to return later and spend some more time. If you are over 62 that same 10 dollars will get you a Senior pass which you can use for free admission to National Parks for a lifetime. You can get that at the gate, or pick it up in advance. Details at: <https://store.usgs.gov/pass/senior.html>



After the Park we will go collecting in the Sun Valley area.

Sat night we will have our traditional pot luck at the RV Park. Bring something good to share and your appetite.

Sunday we will collect the Joseph area. We will leave from the RV park at 8:30 AM

Sunday night anyone who wants can join us at Joe and Aggies Café 120 W Hopi Dr in Holbrook for dinner.

You will want to be sure to bring hats, sunscreen, and lots of water. As far as tools a rockpick and spray bottle at a minimum, you may well want to bring some heavy artillery (pick, shovel, digging bar etc) as you may need to dig out a big piece. The BLM says you can collect 25 lbs a day + 1 big piece for a total limit of 250 lbs/year.

Email me at [wsd@iteris.com](mailto:wsd@iteris.com) if you have any questions, and it would help if we knew how many folks were coming, so if you plan on coming please drop me an email letting me know how many people in how many vehicles, and whether you plan on staying at the RV Park. You can also call me at 714 724-7102.

Travel Note: The drive to Holbrook is LONG, Google says 8 hours. As you travel to Holbrook on 40 you will pass the Walnut Canyon National Monument. This is a very cool place if you have some time to visit it. You will also pass the giant meteor crater at Winslow. Personally this place didn't do much for me, but it is a big crater if you want to see it.

## 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. 7.

### What's in a Mineral?

Minerals are made of elements that have combined together to form molecules. If you look in a mineral field book or hand book, you will see the chemical formula of the mineral.

Here's a little challenge for you. Get your mineral book and figure out which element is NOT found in the minerals listed below. Circle the answer or answers. The easiest are the first ones and they get harder as you go along. Try to do this from memory. Don't be afraid to use a good book or the internet for help!



Pyrite	Fe (iron)	Cu (copper)	S (sulfur)	C (carbon)	
Fluorite	F (fluorine)	Pb (lead)	Ca (calcium)	Ba (barium)	
Halite	Na (sodium)	F (fluorine)	Cl (chlorine)	K (potassium)	
Goethite	H (hydrogen)	Fe (iron)	Ba (barium)	O (oxygen)	
Malachite	O (oxygen)	H (hydrogen)	Ni (nickel)	Cu (copper)	C (carbon)
Gypsum	H (hydrogen)	S (sulfur)	Si (silicon)	Ca (calcium)	O (oxygen)
Vanadinite	Pb (lead)	V (vanadium)	Cl (chlorine)	O (oxygen)	Fe (iron)
Muscovite	Mg (magnesium)	K (potassium)	Al (aluminum)	Si (silicon)	
Dolomite	Ca (calcium)	Cu (copper)	Mg (magnesium)	C (carbon)	
Beryl	Be (beryllium)	Si (silicon)	Pb (lead)	Al (aluminum)	
Hemimorphite	Zn (zinc)	S (sulfur)	O (oxygen)	Si (silicon)	



See page 8 for answers.

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Darryl Powell, editor Emma Fajcz, contributing editor



## It's Not What it Looks Like

This is a story about a wonderful, special mineral specimen that comes with a lesson every mineral collector needs to learn. The dolostone of upstate New York can contain wonderful mineral surprises. In the Herkimer region of central New York, you can find doubly-terminated, water-clear crystals of quartz that are also known as "Herkimer Diamonds." In the Rochester area, specifically in the town of Walworth, you can find glassy, light blue fluorite cubes, brown to orange Sphalerite crystals, yellow dog-tooth calcite crystals and white to light pink dolomite crystals.

Imagine finding all of these crystals on the same piece of matrix?! Pictured here, is one such spectacular specimen. The specimen measures 4" x 2.5" x 1.75". The matrix is literally covered with crystals. And the crystals are nicely spread out around the matrix. Also, you can see that the fluorite cubes sit right on top, in the center of the specimen. You couldn't find a better specimen if you made it yourself! Unless, of course, someone with a lot of time, patience and talent could make one for you. This



very special specimen was created by Louis Posman, an experienced mineral collector in Rochester, New York. Lou spent many evenings and many, many hours carefully selecting individual crystals and crystal groups. And then he carefully glued them on the dolomite matrix. This specimen is so well constructed that the only way you can see it is a fake is if you look very, very, very closely where, in only a few places, you can actually see the glue. The other evidence that it is created and not natural is that on the bottom side, Lou signed it!

So what? Did you know that there are some (very few) mineral dealers who enhance, modify and create mineral specimens and then sell them for very high prices. Years ago there were some small, metallic, multi-faceted "hematite" crystals on the market. Made in a shop with a polishing machine. Clear quartz crystals are exposed to radiation and they turn jet black. Fresh chalcopyrite is heated to high temperatures and it turns a mixture of bright red, green, and blue and is sold as "Peacock Ore." (By the way, there is natural Peacock Ore as well.) Agates are dyed and sold in bright, fluorescent colors like purple, red and blue. And through the years, some very good dealers have learned to glue crystals on matrix to both create and enhance specimens.

So what can a collector do? Study, read and learn. Visit mineral shows and closely examine specimens. Look for glue. If something doesn't look natural, ask questions like, "Is that natural or has it been treated in some way?" An honest mineral dealer (and most mineral dealers are very honest) will tell you if the specimen is natural or not. Experience and education is your best defense against being tricked. By the way, there are some mineral collectors who specialize in mineral fakes! Do you want to know more about mineral fakes? Please visit [www.fakeminerals.com](http://www.fakeminerals.com) which is run by Justin Zzyzx. Justin is one of the world's experts on mineral fakes.

### Answers to page 7

(More accurately, these are the elements that are NOT in these minerals.)

**Pyrite** Cu (copper), **Fluorite** Pb (lead), **Halite** F (fluorine) and K (potassium), **Goethite** Ba (barium), **Malachite** Ni (nickel), **Gypsum** Si (silicon), **Vanadinite** Fe (iron), **Muscovite** Mg (magnesium), **Dolomite** Cu (copper), **Beryl** Pb (lead), **Hemimorphite** S (sulfur)



# Searchers Gem & Mineral Society

## General Information



Check our website for unexpected changes in schedule!

[www.searchersrocks.org](http://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](http://www.searchersrocks.org)

<b>Membership Dues:</b>	<b>Individual</b>	<b>\$25</b>
	<b>Couple</b>	<b>\$35</b>
	<b>Junior (17 &amp; under)</b>	<b>\$10</b>

Valid Jan.1-Dec.31, not prorated

**Bulletin:** Submissions due 3rd Friday of the month via e-mail to: [editor@searchersrocks.org](mailto:editor@searchersrocks.org).

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

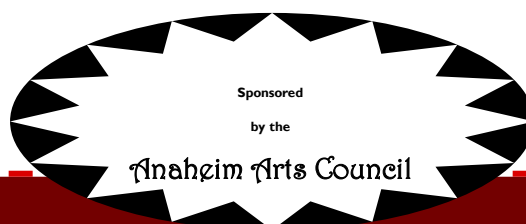
Searchers —Linda Horn Editor

P.O. Box 3492

Anaheim, Ca. 92803

**Charter Date:** April 20, 1958

**Affiliations:** California Federation of Mineralogical Societies



## PtCreations

2812-B Walnut Ave.  
Tustin, Ca 92780 714-904-2181  
[www.ptcreations.net](http://www.ptcreations.net)

## THE NEVADA MINERAL & BOOK COMPANY

<http://minbooks.net/>

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## Rusty's Gold & Treasure Hunting Supply

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714 693-GOLD (4653). Store hours: Tu - Sat 10am - 6pm



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