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POINTS OF INTEREST

FIELD TRIPS

GENERAL MEETING SPEAKER

The Rock Slab News

The Searchers Gem & Mineral Society, Anaheim CA

VOLUME 52, ISSUE 5



MAY 2015

The President's Message



Hello Searchers and Visitors!

As I write this, the Searchers annual show, scheduled for May 2 & 3 this year, is coming together nicely (more details on page5-6).

At this time I would like to thank all of the Show Committee members for their hard work and support in bringing this year's Show together. First off, kudos to our Show Chair, Margaret Hogarth, who has worked tirelessly along with our Treasurer, Charlotte Spalding, in organizing people and paperwork (too few of one and too much of the other!) so that everything will run smoothly. Our Secretary, Jamie Curtis, has attended every meeting, taken notes and has generally kept everyone informed of what's due now and what's happening next.

Alphabetically by Chair: Cases – Charlotte (again!); Dealers – Veronica Purpura & Charlotte (3rd mention) with contracts by Kim Erb; Decorations – Diana Brantley; Demonstrators – Bob Gilland; Donations – Steve Duncan; Electrical – Virgil Talbott & Jimmy Peterson; Grab Bags – Lydia Pattison; Hospitality – Teri Lynn Wheeler; Hourly Door Prizes – Teri Lynn (again!); Kid's Jewelry – Kelly Shaw & Virgil (again!); Kitchen – Adrian & Cynthia Callard; Layout – Herb Beckman; Membership – Sharon Burson & Charlotte (4th mention); Publicity – Sharon (again!) & Steve (again!); Security – Virgil (3rd mention); Set-up & Tear Down – Norbert Bernhardt; Signs – Ira Wheeler; Searchers Member's Table – Margaret (again!); Silent Auction – Steve (3rd mention), Jimmy (again!) & Diana (again!); Wheel of Fortune – Glen Benedict. Thank you one and all!

Did you notice anything odd? Did you see some names repeated? Some of these people are having too much fun. Really. No one in their right mind would sign up for 3 or 4 **jobs**, they must be having a good time being involved. Did you see your name here? No? Share in the fun! This is your hobby. This is your club. Allow yourself to enjoy being with the Searchers - get involved. It's not too early to think about getting involved in next year's Show committee, or maybe even next year's Searchers Board.

I would like to announce that Margaret has enjoyed being Show Chair so much that she's volunteered to do it again for 2016! Please thank Margaret for this year and next and share in the enthusiasm.

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

Jay Erb



A very big thank you to **The Agateer** for their donation of a 10" Covington Slab/Trim saw for our show raffle.



<http://www.theagateer.com/>

Field Trips



DATE	LEADER	LOCATION	STATUS
5 /9-10/2015	Jimmy Peterson	Primm, Nevada Combined trip	planned

Field Trip: Primm, Nevada: Colosseum Mine & Mesquite Dry Lake May 9-10

Trip leader Jimmy Peterson cell (714) 904 8573

*For field trip
information*

contact: Robert

Burson V.P. Field

Trips, Searchers

Gem and Mineral

Society,

bursonrocks@veriz

on.net

The trip will be another combined field trip with other Southern California clubs.

We will be staying at Whiskey Pets in Primm or the Gold Strike In Jean. and then going up to the old Colosseum mine. We will be collecting pyrites, calcopyrites and other iron minerals. We will meet Sat. morning @ 8:30 at the Yates Well Rd. off ramp on I-15. This is the 1st off ramp west of Primm. It is also the off ramp for the big solar electric plant. The road is steep and



rough so a high clearance vehicle is required. . Bring a small (or bigger) hammer to break rocks. We will go to a buffet at one of the hotels for our Sat. night potluck.

Sunday morning we will go to Mesquite Dry Lake to collect Selenite crystals. For people joining on Sunday we will meet the Shell station just west of Jean at 08:30. The room rates currently are just under \$50 per night for two people. It is a good idea to make reservations early. Hope to see you there.



Trip Report: Opal Mountain

Here are more photos from the combined field trip to Opal Mountain in March. April's field trip report will be in next month's issue since it was so late in the month. Thanks to Debra Tanner for the photos.



May speaker: : Rockhounds enjoyed him for introducing us to the fossils of the San Gabriel Valley last year, and now the West Covina Fossil Club's lead speaker, Keith Krzywiec, is back again with another interesting presentation. This time, it's on fossil teeth. This shorter presentation includes displays of teeth from 15 species of sharks, dolphins, fish and even sting rays.

Club Meeting Activity

DATE	PRESENTER	SUBJECT
5-2015	Jim Bowden	The Mysteries of Meteorites
6-2015	Keith Krzywiec	Teeth of the Sea
7-2015	Anie Booth	JoolTool Demo

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

www.cfmsinc.org

Upcoming 2015 CFMS Gem Shows

MAY 2015

May 1 - 3: LA HABRA, CA North Orange County Gem & Mineral Society La Habra Community Center 101 W. La Habra Blvd. Hours: Fri 4 - 8; Sat & Sun 10 - 5 Contact: Don Warthen, (562) 330-8974 Email: odwarthen@verizon.net Website: www.nocgms.com

May 2 - 3: ANAHEIM, CA Searchers Gem & Mineral Society Brookhurst Community Center 2271 W. Crescent Avenue Hours: Sat 10 - 5; Sun 10 - 4 Contact: Margaret Hogarth, (909) 815-3045 Email: Hogarth.m@gmail.com Website: www.searchersrocks.org

May 2 - 3: JACKSON, CA Amador County Gem & Mineral Society Kennedy Mine 12594 Kennedy Mine Rd (off Hwys 49/88) Hours: 10 - 4 daily Contact: Gaylene Lichty, (209) 245-5388 Email: mountaingirl@volcano.net

May 2 - 3: YUCAIPA, CA Yucaipa Valley Gem & Mineral Society New Location: Adams St. & Yucaipa Blvd. - Tent in street Hours: Sat 11 - 7, Sun. 12 - 4 Contact: Dennis Anderson, (951) 845-9195 Email: Dander-son2@dc.rr.com Website: www.yvgms.org

May 9 - 10: ESCONDIDO, CA Palomar Gem & Mineral Club California Center for the Arts 340 N. Escondido Blvd. Hours: Sat 10 - 5; Sun 10 - 4 Contact: Gayle Hamilton, (760) 743-0809 Email: gem-show@palomargem.org Website: www.palomargem.org

May 9 - 10: RENO, NV Reno Gem & Mineral Society Reno-Sparks Livestock Event Center 1350 North Wells Avenue Hours: Sat 10 - 4; Sun 10 - 5 Contact: Steve Norman, (775) 358-7322 Email: snorm11@hotmail.com Website: www.renorockhounds.com

JUNE 2015

June 6 - 7: GLENDORA, CA Glendora Gems & Mineral Society Goddard Middle School 857 East Sierra Madre Hours: Sat. 10 - 5; Sun 10 - 4 Contact: Bonnie Bidwell, (626) 963-4638

June 12 - 14: LODI, CA Rocks & Vines, CFMS 2015 Show & Convention, Lodi CA California Federation of Mineralogical Societies Hours: Friday & Saturday 10-5; Sunday 10-4 Contact: Margaret Kolaczky, markolaczky@gmail.com

June 27 - 28: CULVER CITY, CA Culver City Rock & Mineral Club Veterans Memorial Auditorium 4117 Overland Blvd (@ Culver Blvd, near the 405 & 10 Freeways) Hours: Sat 10 - 6; Sun 10 - 5 Contact: Janice Metz Email: janicemtz@yahoo.com Website: www.culvercityrocks.com

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: corden-carol@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: nancy-jbird@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



May Birthstone - Emerald

Definition of Emerald-The word Emerald is derived from the Greek word "Smaragdus" which means "green stone" which reflect the color of the emerald. A precious stone of a rich green color, a variety of beryl that has been cut and polished and is valued as a precious gem. By weight the emerald is the most valuable gemstone in the world.



The Emerald is a member of the Beryl (beryllium aluminum silicate) family. The crystal structure of the emerald, the February birthstone, is hexagonal. Elements of chromium in the crystal produce the color, whilst inclusions in the stone create what is called the jardin, or garden, of the emerald.

The traditional color associated with the Emerald is the deep green color and was strongly favored as a popular gem in Victorian jewelry. The meaning of colors through the ages represented many aspects of life. Social, religious, biblical and Christian symbolism were all reflected in the color green! The symbolic meaning of the color green was renewal of life and nature.

Don't miss the Big Searchers Show May 2-3



Show Information Always can use help even at the last minute

Would you like to:	Contact	Phone	Email
Be a demonstrator	Bob Gilland	627-201-3737	rgilland@sbcglobal.net
Donate a door prize			
Set-Up/Tear Down	Norbert Bernhardt	714 904-2181	nbern@cox.net
Load/Unload the trailer	Norbert Bernhardt	714 904-2181	nbern@cox.net
Help with Fri. Night Dinner	Adrian Callard	714-368-9575	adricyn@hotmail.com
Help with Hospitality	Karen Kremer	714-639-8082	karenandkay@aol.com
Help with Hospitality	Teri Lynn Wheeler	714-425-0983	We34god@yahoo.com
Hourly Door Prizes	Teri Lynn Wheeler	714-425-0983	We34god@yahoo.com
Kitchen	Adrian Callard	714-368-9575	adricyn@hotmail.com
Security	Virgil Talbott	714.871.7900	virgiltalbott@roadrunner.com
Donate to the silent auction	Steve Duncan	714-724-7102	wsd@iteris.com
Sell at the Searchers' table	Margaret Hogarth	909-597-7033	hogarth.m@gmail.com
Have a display case	Veronica Purpura	714-974-3982	angeldragonflight@yahoo.com
		(C) 714-501-9959	

More on the show on page 6



Displays

Most of the cases at the show are being displayed by members of the Searchers Gem and Mineral Society

Special Exhibits

In addition to displays by Searchers members there will be displays by:

Long Beach VA VRT Lapidary
Santiago Canyon College Gemology Department
The Anaheim Arts Council
The Searchers Workshop

Door Prizes Every Hour

Hang on to that lucky ticket you were given at the door!!
Winners will be announced and winning ticket numbers posted



Snack Bar



Hot dogs, chili, nachos, sandwiches, drinks, and homemade desserts are available at the snack bar in the rear corner



Dealers

+ ARIANA GEMS AND MINERALS
+ ATLAS MINERALS AND FOSSILS
+ BOB GILLAND
+ CAM'S CRYSTAL GALLERY
+ CUSTOM CREATIVE GEM CUTTING
+ CYN DY MANDELL
+ CYNTHIA DEATON DESIGNS
+ DAN GUTHRIE
+ DRAGON MINERALS
+ ED QUO CO
+ GERARD POPE FINE GEMSTONES

+ K&D ENTERPRISES
+ KING MIKE MINING CO
+ KRISTAUPHE DESIGNS
+ LIZZARD SILVER COMPANY
+ LYDIA PATTERSON
+ MAJESTA A-Z JEWELRY SUPPLIES
+ MORROCAN FOSSILS AND MINERALS
+ NANCY'S ROCKS
+ NEVADA BOOK AND MINERAL
+ PT CREATIONS
+ ROUTE 66 GOLD MINERS
+ SAMSTONE
+ THE AGATEER LAPIDARY

Dealers are located on the patio also



The Searchers Gem and Mineral Society thanks the members of the 56th Annual Show Committee and Chairman Margaret Hogarth for their hard work.

2015 Demonstrators

BEADING
Margaret Hogarth

CARVERS
Sammy Florida, Burt Fortin

CABOCHON CUTTING
Herb Beckman and friends

CHAIN WEAVING
Chris Christopher

CHANNEL WORK
Skip Cone

FACETING
Jonas Rusgys

INTARSIA
Kandi Uffer

SCRIMSHAW
Sandra Moore

SILVERSMITHING
Skip Cone

WIRE WRAP
Charlie Paxton, Paula Purpura,
Chirstine Janicki



Children's Activities

GRAB BAGS

Grab bags filled with rough gem and mineral specimens or polished stones or slabs stones



each



each



MINOR MINING

Children can "mine" for gems in our sand mine

CHILDREN'S JEWELRY ON THE PATIO

Your children can fabricate a piece of gemstone jewelry and take it home (run by the CSUF Geology Department)



The Searchers Silent Auction

Raw material, fossils and minerals are auctioned on both Saturday and Sunday

LOCATION: Discovery room (located in the east classroom, next to the center's offices). Please listen for opening and closing times



GOLD PANNING ON THE PATIO

Watch a gold panning exhibition then buy a chance to pan for yourself and keep the gold you find!

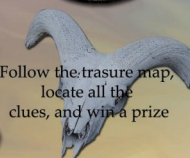


WHEEL OF FORTUNE

Try your luck—spin the wheel—win a prize
Only 50 cents per spin or 3 spins for



Follow the treasure map, locate all the clues, and win a prize



Special thanks to The Agateer for their generous support of the Searchers

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. 2.

The Forms of Mineral Names

If you look at mineral names, you will quickly discover some similarities. First, many mineral names end in the suffix –lite. This comes from the Greek word lithos which means a stone. It is so commonly used that this ending has even been suggested as a universal ending to all mineral names. Throughout the history of mineralogy the –lite ending has been used frequently, but interestingly it has never been adopted as part of a general naming system. Second, many mineral names end in the suffix –ite. Some have mistakenly proposed that this is a shorter version of the –lite ending. Actually this suffix has its roots in the ancient past. The Greek and Roman writers of antiquity used the endings –ites and –it is. For example, Pliny the Elder called malachite molochites and soapstone he called steatites. This ending has been carried into modern times.

The Origins of Mineral Names

You discovered earlier that there is no systematic approach to naming mineral species. There are certain customs, however, which have been followed through the years. Some of these customs are quiet scientific and logical; others are more to honor someone special. All are very creative. Here are the most common sources of mineral names. First, there are some, like arsenic which have been **used for centuries**. Their precise origins have been lost. They are simply accepted as relics from the earliest days of mineral identification. Second, there are mineral names like adularia and muscovite which were named after a specific **place**. Usually the place was the locality where the mineral was first found or where a significant deposit of the mineral now exists or once existed. Some of these place names refer to cities or regions which either no longer exist or which are known by a different name today. One such example is ilvaite, which was named after “Ilva” which is the old name of the Italian island now called Elba.

A third group of mineral names came from the language of science, that is, **Greek**. There was a day when every scientist knew Greek. Therefore, it became a frequent source for mineral names. This practice may well have been started by Georgius Agricola (the “father of mineralogy,” picture left) who said, “Some of these substances lack names, and because previous writers have not mentioned them, it will be necessary that I assign them new names. As a rule I will give them Greek names because they cannot be named so aptly in **Latin**.” Lepidolite, for example, was named from the Greek words lepis meaning scale and lithos meaning stone, alluding to the scaly appearance of aggregates of lepidolite flakes in a mass. You will find numerous other examples of this approach throughout the rest of this mineral names dictionary. Despite Agricola’s statement and practice, Latin also became a source for mineral names. As a result, we have names like albite which was derived from the Latin word albus which means white in reference to the most common color of this mineral. These Greek and Latin words have been used to identify chemical properties and physical characteristics that are distinctive to particular mineral species. For example, phlogopite was created from the Greek word phlogopos which means fiery in allusion to the reddish color displayed on some specimens of this mica. Another example is serpentine which came from the Latin word serpens which means snake in reference to the mottled-green color of the massive variety of this mineral, which can look like the skin and markings of some snakes.

A fourth group represents those few minerals whose names have come from **languages other than Latin or Greek**. Marcasite, for example, was created from an Arabic word; turquoise was named after a French word for Turkish.

A fifth group of mineral names were given in **honor of people**. Sometimes the people are well-known mineralogists or scientists. For example, kunzite was named after the famous gemologist George F. Kunz. Minerals have been commonly named after the person who discovered and/or first described the species. For example, andradite was named after Jose B. de Andrada e Silva, the mineralogist who first examined this variety of garnet. In addition, mine owners (William Coleman), political figures (Archduke of Austria, Victor Stephan), wealthy benefactors (John P. Morgan), and friends of mineralogists (Henry Ludlam) have all been honored by having a mineral named after them.

Continued on the next page.

A sixth group is named after the **chemical composition** of the mineral. Good examples are uraninite which refers to its uranium content, and manganite which refers to its manganese content.

Lastly, you will also find that there are some popular mineral names which are popular and which have their origins in either **local legend or local usage**. These “names” are usually not officially recognized mineral names. But they are also usually very well known. Fairy stone is a very good example. This is a regional name from Virginia and North Carolina which gained popular, and almost universal usage. Kidney ore is another example. It originated as a nick-name for the kidney-like masses of hematite found by miners in the hematite mines of England.

The Mineralogists Who Created the Names

The people who gave minerals their names have been very creative. The complete list of mineral names came from a long list of mineralogists and scientists, and even some amateur collectors. If you were to study the list of people who named mineral species, you would discover that some have had a more significant impact than others. Abraham Gottlob Werner named 29 of the minerals with which we are familiar today. Wilhelm von Haidinger named 22. F.S. Beudant named 21. Many other people contributed but a name or two. T. Anderson gave us gyrolite. Frederick Pough gave us brazilianite. A gentleman named Mauduyt (whose first name is now unknown!) gave us the name montmorillonite. Who knows. You may discover a new mineral species and create a mineral name of your very own. Perhaps it will be based on your own name!

Naming Minerals Today

Today there are strict guidelines which must be followed in the naming of a new mineral species. Gone are the days when a mineralogist could publish a paper, propose a name, and expect the rest of the mineralogical world to simply accept and use it. Today the naming of minerals is carefully guided by the International Mineralogical Association's (IMA) Commission on New Minerals Nomenclature and Classification. Here are some of the guidelines followed in the process of naming a new mineral. (If you want more details, refer to their website at http://www.ima-mineralogy.org/CNMNC_Strategy.htm.



First is the Law of Priority. This law says that the oldest name given a mineral is the mineral's true name; later names are to be discarded. As you review the names in this issue, you will find that this law was not always followed in the past. It is, however, closely followed today. In the history of mineral nomenclature, a few minerals have been given more than one name. When a mineral name is discarded, it cannot be used later. When a mineral name is set aside it is considered extinct: it can never be used again. This is done to avoid any possible confusion.

Another rule, then, is that any new mineral name must be completely new. In addition, it must be substantially different from all existing mineral names. Again this is done to avoid confusing two distinct mineral species by giving names that are too similar. An example of mineral names that are too similar are danaite and danalite.

Other guidelines are also followed. For instance, today mineral names should end in -ite or -lite: these suffixes are to be attached to names of places or persons, or to significant chemical properties, but never to common words. Consequently, we will never find “shinyite” for our collections! When a foreign language is used as the basis for a name, Greek is the preferred language, although other languages, ancient and modern, can be used. Combining words from two different languages, however, is discouraged. Double word names are not used at all (so old names like sal ammoniac are no longer created).

Of course there are more regulations and more details, most of which are very technical and scientific. You are encouraged to do your own research on mineral names to learn these technical details.

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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

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Searchers —Linda Horn Editor

P.O. Box 3492

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