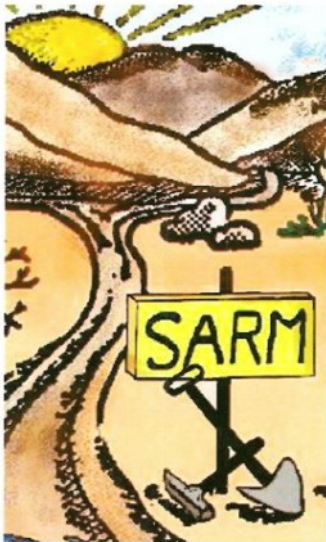




P.O Box 51  
Santa Ana, CA 92702



**JUNE 2019**



# **CHIPS 'N' SPLINTERS**

**Santa Ana Rock and Mineral Club  
JUNE Issue Newsletter**

# SANTA ANA ROCK & MINERAL CLUB

## INFORMATION

[www.sarmclub.org](http://www.sarmclub.org)
[sarmclub@gmail.com](mailto:sarmclub@gmail.com)

 P.O. Box 51  
 Santa Ana, CA 92702

The purpose of the Club is to offer an opportunity for those who are interested in rocks, minerals, fossils and gems, to gather at regular meetings, display and examine items of interest in the hobby, to promote and also encourage the art and practice of lapidary, to exchange experiences and ideas, to organize field trips for members and guests, and to promote the general interest in and knowledge of the hobby.



Santa Ana Rock and Mineral Club is a member of the California Federation of Mineralogical Societies (CFMS). For more information on shows and events check out their website [www.cfmsinc.org](http://www.cfmsinc.org)

**MEETINGS:** 7:00pm every 3rd Wednesday of the Month (except July & Dec)

**VISITORS ARE WELCOME!**

**WHERE:** Clubhouse, 10739 Los Jardines West, Fountain Valley, CA 92708

## CLUB CALENDAR JUNE

**Jun 1st & 2nd: Work Shop**

**Jun 19th: General Meeting**

**Wire Wrapping**

**Aug 3th & 4th: Work Shop**

**Aug 21st: General Meeting**

## BOARD OF DIRECTORS

PRESIDENT Jim DeMarco

VICE PRESIDENT Dania Boucher

SECRETARY Leah Harden-O'Brien

TREASURER Charlotte Spalding

PARLIAMENTARIAN Trish Voss

FEDERATION Jim DeMarco

## WORK SHOP

**Members only**

**\$ 3.00 fee**

**AT THE GREENE'S HOME**

**1ST FULL WEEKEND OF**

**THE MONTH**

**9:00 AM TO NOON**

**CALL**

**949-548-0752**

**TO REQUEST**

**FLEXIBLE TIMES**



## COMMITTEE OFFICERS

WORKSHOP Pam & Don Greene

Opportunity Drawings Jim Burke

FIELD TRIP Ray Walls

WEBMASTER  
NEWSLETTER Ning Su

HOSPITALITY Josie Nellis

MEMBERSHIP Jim DeMarco



## PRESIDENT'S MESSAGE

A number of our members enjoyed the opportunity to collect free rocks at the end of April. In fact, everything was taken and now we have room for any new donations people want to give to the club. Hopefully we will receive some new donations to help with the silent auction which is scheduled for the August meeting.

We are scheduling a wire wrapping workshop for the June 19<sup>th</sup> meeting. If you have your own pliers or a favorite cabochon you are encouraged to bring them to this workshop. I will try to keep the business portion of the meeting as short as possible to leave plenty of time for everyone to learn and practice wire wrapping.

Remember, there will be no meeting in July.

Jim De Marco, President

*Like our Newsletter?*

*Help it grow,*


***Contribute an article***

Share what your working on, just read something fascinating others would like, what did you learn on your last trip and more. Submit an article (can include pics) to [sarmclub@gmail.com](mailto:sarmclub@gmail.com) for review.

Share your news, help our newsletter! \*members only



## HAPPY BIRTHDAY !



JUNE	JULY
Leah Harden-O'Brien	Donald Green
Richard Conlan	Elaine Foster
Jill Carder	Michael Anglin
Paul Berg	Blake Barr
Bill O'Dell	Craig Curry
June Huntley	Martha Jensen
Julia Davidson	Darrel Rodgers
John Robert Gehrke	

**MINUTES OF THE GENERAL MEETING OF  
SANTA ANA ROCK AND MINERAL CLUB  
HELD ON MAY 15th, 2019**

The meeting was called to order at 7:25 PM on Wednesday May 15, 2019  
The minutes of the April meeting were approved as printed in the May Newsletter.  
20 Members and 3 guests were present.

**CLUB BUSINESS:**

Treasurer's report: Last month we took in \$226. Expenses were \$44.50 leaving a bank balance of \$3024.29.

Jim De Marco reported that all the donated rocks at his home have been exhausted. We will need more donations for future opportunity drawings and the silent auction in August.

We now have 43 persons who have paid their dues for 2019. Many of our members are making use of the club workshop at the Greene's home. The shop is open to all club members on the first weekend of the month. You may call the Greene's if you would like to use the shop at a different time and if possible, they will try to accommodate you. Their phone number is in the newsletter.

Jim reminded everyone of the club library as well as the ability to use the shop. The list of books in the library is included on the web site. Contact Jim De Marco if you would like to borrow one of the books in the library.

We also have a lot of old albums and information about the club history. If anyone is interested in being the club historian please let Jim know.

**ACTIVITY:**

Ray Walls and Victor Graywolf gave a very interesting talk on gold prospecting, panning, sniping and sluicing for gold. Victor showed videos of some his activities while gold prospecting.

Next month's meeting will be a wire wrapping workshop.

Abigail Sturges won the door prize which was a decorated rock.

The meeting was adjourned at 9:00 PM

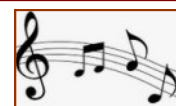




If you can't see the bright side of life, polish the dull side. ~ Funny Sayings

Don't let anyone treat you like regular glue. You're glitter glue. ~ Anonymous

## SARM CLASSIFIEDS: LAPIDARY AND MORE



**FREE** Old sheet music collections. Email SARM if you or your kids need sheet music for playing piano, keyboard or organ. They are FREE!

## JNUE BIRTHSTONE: Alexandrite, Moonstone, Pearl

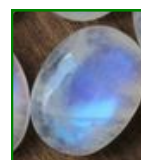
Alexandrite, moonstone and pearl are the three birthstones for those who are born in the month of June. Alexandrite is the rare variety of chrysoberyl gemstone that changes its color under different lightings, from bluish green in daylight to purplish red under incandescent light. They are discovered in Ural Mountains, Russia. Color changing alexandrite has traces of chromium, as those found in emerald, in its chemical composition which made this gemstone one of the rarest. Sapphire and Garnet are the other two gemstones that can change their colors.



Pearl are made by clams (mollusks) that deposit layers of calcium carbonate around tiny irritants inside their shells. Two groups of bivalve mollusks can produce iridescent pearls that show beautiful natural luster, and thus making these pearls valuable in jewelry, and sought after among collectors. Natural pearls are mostly found in Persian Gulf waters and Indian Ocean. They are highly priced and rare to find. In today's market, most pearls are cultured pearls and they are farmed in freshwater oyster or mussels. These cultured pearls can be dyed into various colors. Pearls are soft and have hardness between 2.5 and 4.5 on the Mohs scale.



The most common moonstone is of the orthoclase feldspar mineral adularia, named for an early mining site near Mt. Adular in Switzerland, now the town of St. Gotthard. It has Mohs hardness of 6, and can be of various colors or colorless. This gemstone has been used in jewelry since ancient civilizations. In recent history, French goldsmith René Lalique and many others created a large quantity of jewelry using this gemstone. Moonstone was also designated as the Florida State Gemstone to commemorate the Moon landings, which took off from Kennedy Space Center although moonstone does not naturally occur in Florida,



# Word Search

CAN YOU FIND ALL 30 HIDDEN GEMSTONE WORDS WITHOUT LOOKING AT THE LIST?  
 WORDS CAN BE UP, DOWN, ACROSS, DIAGONAL AND BACKWARDS.  
 \* BONUS ACRONYM ALSO HIDDEN?

*good luck*



\* contributed by Leah Harden O'Brien \*



## WORK SHOP BITS & TIPS

The workshop is open to all members the first full weekend of the month.  
 Pam & Don Greene our Workshop Officers are flexible.  
 Call (949) 548-0752 for alternate times if needed.

The Workshop is fully equipped with tools to make cabochons from start to finish, as well as a small kiln for dichotic glass work and also jigs for wire working. In addition, rough stones and materials are available for members to practice on.

## CUTTING ROCKS AT WORK SHOP



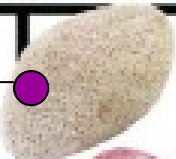
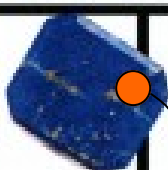

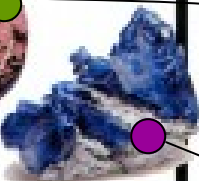
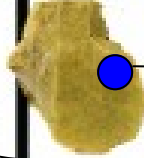
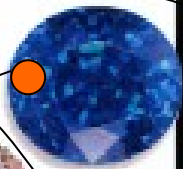
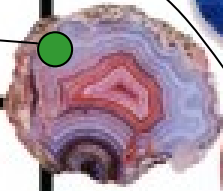

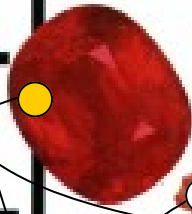
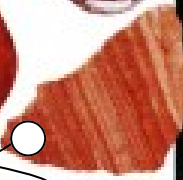
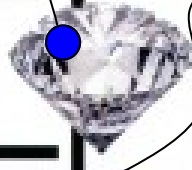



Sometimes it's just fun to cut open a rock you pick up in the field and see what is inside of it. A lot of rockhounds do that. A small rock saw or tile saw can be used to cut smaller rocks. A larger slab saw is required to cut larger pieces of rock. For most lapidary work, a 16 inch slab saw can do most of the tasks, and to cut open a good size of geodes or nodules.

What is so interesting about cutting open a rock? Maybe because the cross sections of rocks can look very different from one to the next. It's always a surprise when you open one, and see something new. You may find inside a rock various patterns and colors, calcites, amethysts, agates, pyrites and occasionally silver and gold. Rocks aren't just rocks. Rocks are full of personalities, and can be valuable with a bit of polishing and cutting.

Northern edge of the Los Angeles basin is the area only for rockhounds. Rocks found there are more than 1 billion years old (Precambrian Era), and thus they are only for admiring as it is, not for polishing or lapidaries. Anorthosite is one of the oldest rock and can be found at mill creek in the San Gabriel Mountains. Precambrian rocks can also be found in Death Valley, the eastern Mojave Desert, and in the fault shattered Transverse Range north of Los Angeles.

**Answer Key***Unscramble*

Words that are gems or rocks,  
then draw a line to picture of stone.

<b>BMRELA</b> MARBLE		<b>OADNIDM</b> DIAMOND	
<b>JSEARP</b> JASPER		<b>ITBNOEETI</b> BENITOITE	
<b>ETGAA</b> AGATE		<b>ODABRAEITLR</b> LABRADORITE	
<b>PERASHIP</b> SAPPHIRE		<b>NODHRTOIE</b> RHODONITE	
<b>BYRU</b> RUBY		<b>ISDANOBI</b> OBSIDIAN	
<b>CIUMEP</b> PUMICE		<b>NEINSEPERT</b> SERPENTINE	
<b>DYREMENATIS COKR</b> SEDIMENTARY ROCK		<b>PALSI ZALUIL</b> LAPIS LAZULI	

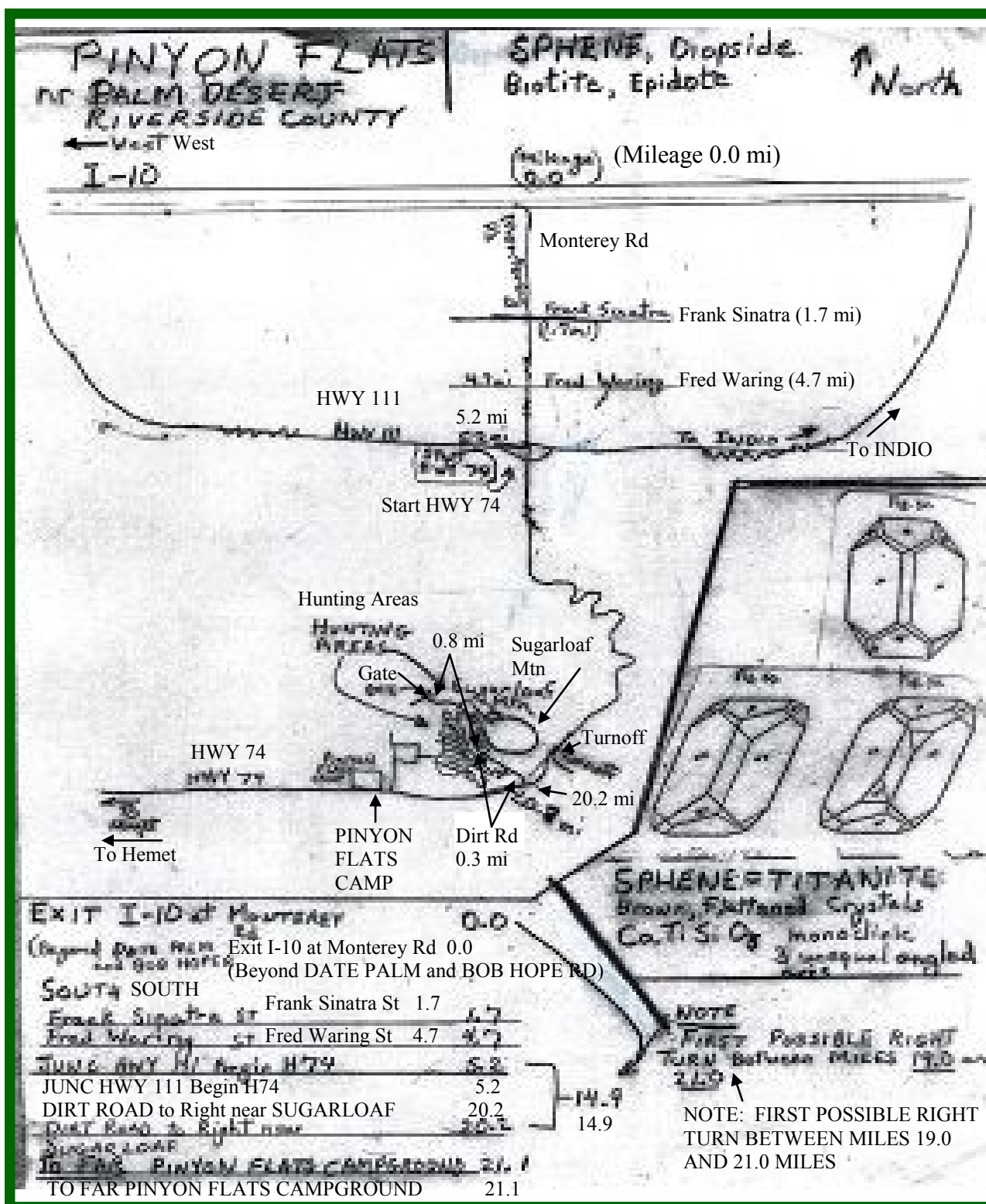
\* contributed by Leah Harden O'Brien \*



**PINYON FLATS** near Palm Desert, Riverside County

Collecting: SPHENE, Diopside, Biotite, Epidote

Thanks to our member, Tom for providing this hand drawing map to one collecting site with a nearby campground. Best time to visit is in the spring, in the fall or whenever you pass by this area. Whether you like to go collect or just to know one more collecting area, please enjoy it and Happy Rockhounding!



# UPCOMING SHOWS & EVENTS

## JUN 2019 Field Trips

### Sunday, Jun 16th, 2019 2-wheel trip

Mining Supplies and Rock Shop

This will be a beach trip to collect agates and whale bone.

760.244.9642 [www.miningsuppliesandrockshop.com](http://www.miningsuppliesandrockshop.com)



### Saturday, July 27th, 2019 Mining Supplies and Rock Shop

We will be heading to Kern County for Rose Quartz. Details to come soon.

760.244.9642 [www.miningsuppliesandrockshop.com](http://www.miningsuppliesandrockshop.com)

### Sunday, August 25th, 2019 Mining Supplies and Rock Shop

We will be doing a night trip for Fluorescent Rocks at Princess Pat Mine. We will travel to the site at sunset and wait for darkness and then use UV lights for the rocks to light up.

760.244.9642 [www.miningsuppliesandrockshop.com](http://www.miningsuppliesandrockshop.com)

## JUN 2019 Show

**Jun 8-9, SAN FRANCISCO, CA:** Show and sale; Pacific Crystal Guild; Fort Mason Center, Gallery 308, 2 Marina Blvd.; Sat. 10-6, Sun. 10-4; \$12, free admission for children under 12; the Summer in San Francisco Crystal Fair will feature 30 vendors offering crystals, minerals, gems, and jewelry; contact Jerry Tomlinson, PO Box 1371, Sausalito, CA 94966, (415) 383-7837; Email: [jerry@crystalfair.com](mailto:jerry@crystalfair.com)

**Jun 28-30, SAN DIEGO, CA:** Wholesale and retail show; Gem Faire Inc; Scottish Rite Center, 1895 Camino del Rio S; Fri. 12-6, Sat. 10-6, Sun. 10-6:30; \$7 weekend pass; fine jewelry, precious and semi-precious gemstones, millions of beads, crystals, jewelry repair, cleaning and ring sizing; contact Yooy Nelson, (503) 252-8300; Email: [info@gemfaire.com](mailto:info@gemfaire.com); Website: [www.gemfaire.com](http://www.gemfaire.com)

**Jun 29-30, CULVER CITY, CA:** Annual show; Culver City Rock and Mineral Club; Veterans Memorial Auditorium, 4117 Overland Ave.; Sat. 10-6, Sun. 10-5; free admission; show theme is 'Opal,' vendors fossils, gems and mineral exhibits, demonstrations; contact Janice Metz, (310) 850-4398; Email: [culvercityrocks35@gmail.com](mailto:culvercityrocks35@gmail.com); Website: [www.culvercityrocks.org](http://www.culvercityrocks.org)

**Jun 29-30, ESCONDIDO, CA:** Annual show; Palomar Gem and Mineral Club; California Center for the Art, 340 N. Escondido Blvd.; Sat. 10-5, Sun. 10-4; adults \$5, military and seniors \$3; 65th annual show, mineral specimens, cut gems, gem rough, fossils, and lapidary jewelry; contact Michele Shepard, (858) 243-7241; Website: [www.palomargem.org](http://www.palomargem.org)  
Email: [pgmcshow@palomargem.org](mailto:pgmcshow@palomargem.org)



**HAVE A GREAT SUMMER  
N FOND MORE ROCKS!**