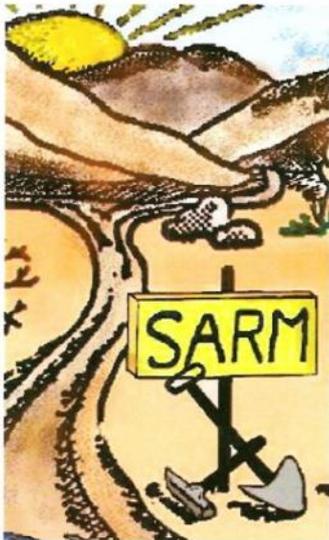




P.O Box 51  
Santa Ana, CA 92702



**SEPTEMBER 2018**



# **CHIPS 'N' SPLINTERS**

**Santa Ana Rock and Mineral Club  
September 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 2018**

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

**Sep 19th: General Meeting**  
Speaker: Tania Massamiri  
Topic: Intarsia

**Oct 6th & 7th: Work Shop**

**Oct 17th: General Meeting**  
Guest Speaker

## **BOARD OF DIRECTORS**

PRESIDENT Jim DeMarco

VICE PRESIDENT Dania Boucher

SECRETARY Leah Harden-O'Brien

TREASURER Charlotte Spalding

PARLIAMENTARIAN Trish Voss

FEDERATION Nancy Bird  
Honorary Member

## **COMMITTEE OFFICERS**

WORKSHOP Pam & Don Greene

EDITOR/NEWSLETTER  
[sarmclub@gmail.com](mailto:sarmclub@gmail.com)

FIELD TRIP Ray Walls

WEBMASTER/NEWSLETTER Ning Su

HOSPITALITY Josie Nellis

MEMBERSHIP Jim DeMarco

## **DONATIONS**

Accepting donations for club's monthly opportunity drawings and door prize. Donations of rock & gem slabs (**slabs only**) or a grinder to long beach VA hospital's lapidary shop are greatly appreciated!



THE PRESIDENTS MESSAGE

Our Silent Auction last month was very successful. I really appreciated all the help in setting up, all the donated material and everyone pitching in to help with clean up. The auction added almost \$370 to our bank account!

Last month I mentioned that we will be having a Board meeting on September 5<sup>th</sup>. The meeting will take place at my home and begins at 7:00 PM. Our agenda consists of planning for our October speaker, the November boutique, election of officers for 2019 and remote planning for the December Christmas Party. At the September and October meetings we will have a sign-up sheet available for those who wish to sell at the November boutique.

Also a very warm welcome to our newest member who signed up at the August 15<sup>th</sup> meeting: Greg McGinnis.

President, Jim De Marco

**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**



**September BIRTHDAYS!**



- John Pape
- George Robidoux
- Valerie Curry
- Majesta Vaughn
- Daniel Brown
- Brigitte Mulholland
- James Burke
- Christy Day
- Victor Graywolf



SARM  
Silent Auction  
Aug 2018



**MEMBERS INPUT**

Submit an article or pictures of your experiences in the field trip rock hunting, collecting, handling, uses or in the cutting and/or polishing of roughs that may benefit our readers. Please email [sarm-club@gmail.com](mailto:sarm-club@gmail.com) for consideration. Thank You!



## YELLOWSTONE NATIONAL PARK

Yellowstone national park established in 1872 is one of the largest national park in the country. It is America's first national park. It situates primarily in Wyoming and extends into areas in Montana and Idaho. The park receives millions of visitors each year.



Yellowstone in the early days was known as wonderland. It is home to many wildlife, wilderness, lakes, canyons, rivers, mountains and geothermal features like geysers and boiling mud pots. Grizzly bears, wolves, bison and elk can be seen in the park. The Old Faithful, the famous geyser, has erupted for decades every day on the clock. Grand Canyon of the Yellowstone and the view of Lower Falls from the Artist Point are the must see places for visitors. Numerous hotels, lodging facilities, and campsites are available throughout the year. Native Americans have lived in the park for over 11, 000 years. Since 1917, the National Park Service has taken on the responsibility to oversee managements and protection of the park.

**Life is what happens when you're busy making other plans.**

~ John Lennon

**Don't wait. The time will never be just right.**

~ Napoleon Hill

## The Gemstone Sapphire

For those who are born in September, sapphire is your birthstone. Sapphire and ruby are the two gem varieties of corundum. Ruby is found in different shades of red. Sapphire is referred to the corundum crystal in colors other than red. Although sapphire is greatly priced in blue, it may also be found in pink, light purple, brown, green, yellow, gray or black. Sapphire has a hardness of 9, and is valued as a gemstone due to its hardness and beauty.



Sapphire forms as six-sided crystal with rhombic parting on the sides and pyramids at top and bottom. It is composed of aluminum oxide. It shows good cleavage and conchoidal to uneven fractures. It is insoluble in acids, and has a specific gravity of 4.0 to 4.1 (heavy). Sapphire can be found in certain igneous and metamorphic rocks, but most of gem quality sapphires are found in rivers.

They are usually faceted and polished for jewelry making. A star sapphire contains needle-like inclusions and shows a six-rayed star shaped pattern known as asterism. It is a prized variation of corundum.

Sapphires are found in many countries throughout the world such as Burma, India, Afghanistan, Australia, Russia, Canada and South Africa. In the United States, sapphires are found in parts of California, Oregon, Wyoming, Idaho, and New York. Sapphire and ruby are often found at the same localities.



The Star of Adam, the largest blue star sapphire weighs 1404.49 carats. It was mined in Sri Lanka. The Black Star of Queensland is the second largest star sapphire and it weighs 733 carats. The third largest star sapphire, the Star of India weighs 563.4 carats and is on display at the American Museum of Natural History in New York City. The Logan sapphire displayed in Washington, D.C. weighs 423 carats and is one of the largest faceted gem quality blue sapphires in the world.

## **WORKSHOP 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.

### **Agates** ★ ★ ★ ★ ★



Agate is chalcedony of various colors. Colors and arrangements of agates are unique to their geographical localities where they are found. It has a hardness of 7. It may be found in boulders, nodules, geodes, pebbles at the beach, petrified wood, bones and etc. There are many different types of agates.

Banded Agate has different colors, sizes and shapes of bands across the interior of stone.

Dendritic Agate (Moss Agate) is often referred to as Montana Agate. It contains particles of oxides forming dendrites. In some slices of moss agate, these dendrites look like trees, mountains, clouds, people, and more to each individual's imagination.

Scenic Agate and Picture Agate: These types of agates usually have different colors of pigments or inclusions of various oxides that give an effect of a photo or landscapes.

Brazilian Agates has been found in many varieties in colors and patterns. Their sizes range from a small nodule to weights in hundreds of pounds. Most are solid nodules when cut opened. Some have crystals or hollow centers, and different banded colors within. Their colors can be red, white, orange, yellow, brown, black, yellow, translucent or transparent. The crystals may also have colors of milky white, black, red or clear.

Geode is a lava nodule that has a gas cavity in its interior. Various forms of minerals such as quartz, agates and crystals infill the cavity of geodes. Bands of agate are usually seen around the outer edge of a geode. These bands are typically concentric and occur in different colors.

Fire Agate is an unusual form of agates. These pieces have thin coats of wax on them, and they show optical effects and beautiful colors of red, orange, yellow or green once polished. They can be found in Mexico, Brazil and in the U.S.

# UPCOMING SHOWS & EVENTS

## SEPTEMBER 2018 Field Trips

### Saturday, September 15th, South Cady Mountains Part 1

Mining Supplies and Rock Shop: 760.244.9642 [www.miningsuppliesandrockshop.com](http://www.miningsuppliesandrockshop.com)

We will be in the western part of the Cady Mountains. This trip does require high clearance vehicle due to some rocky and sandy roadways. We will hit three to four of the classic south Cady hunting spots looking for Jasper, moss agate, crystals and more.

### Sunday, October 14th, North Cady Mountains Part 1

Mining Supplies and Rock Shop: 760.244.9642

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

We will be exploring some of the collecting areas in North Cady Mountains. This trip will not take us to Top Notch. We will instead explore the pink hills area, an old fluorite mine and a couple of locations that can yield some very nice saganite and plume agates. This is a trip for high clearance 4-wheel drive vehicles only.



## SEPTEMBER 2018 Show

### Aug 31– Sep 2: 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. 10-5; Adults, Seniors and Students \$7; children (age 0-11) free; fine jewelry, crystals, gems, beads, gold and silver, minerals and more at manufacturer prices, exhibitors from all over the world, jewelry repair and ring sizing while you shop, free hourly door prizes; contact YooyNelson, (503) 252-8300; Email: [info@gemfaire.com](mailto:info@gemfaire.com); Website: [www.gemfaire.com](http://www.gemfaire.com)

### September 15-16: CHICO, CA

Feather River Lapidary & Mineral Society  
Silver Dollar Fairgrounds, 2357 Fair Street  
Hours: Sat 9:30 - 5; Sun 9:30 - 4  
John Scott, (530) 321-6331  
Email: [jweazel@sbcglobal.net](mailto:jweazel@sbcglobal.net)  
Website: [www.featherriverrocks.org](http://www.featherriverrocks.org)

**The 79th CFMS Convention**  
will be held along side the  
**Feather River Lapidary & Mineral Society's**  
**Rock, Gem & Jewelry Show**  
**September 15-16, 2018**  
**Silver Dollar Fairgrounds, Chico, CA**  
Website: [www.culvercityrocks.org](http://www.culvercityrocks.org)

### CFMS 79th Convention

Vendor and CFMS Guest Dinner: Fri, Sep 14th, 3:30 pm  
All CFMS meetings will take place in Harvest Hall at the Silver Dollar Fairgrounds  
New Director's Orientation Meeting: Sat, Sep 15th @ 8:30 am  
Directors Business Meeting: Sat, Sep 15th @ 9:00 am  
Awards Banquet: Noon (following the Directors Meeting and a short break)  
CFMS Endowment Table & Endowment Raffle:  
Endowment table will be open all day Sat & Sun.  
Endowment Raffle will be held on Sun.

### Show Hours

Sat. 10AM - 5 PM      Gems-Rough Rock-Jewelry-Beads-Opals-Crystals  
Sun. 10AM - 4 PM      Kid's Activities & much more

