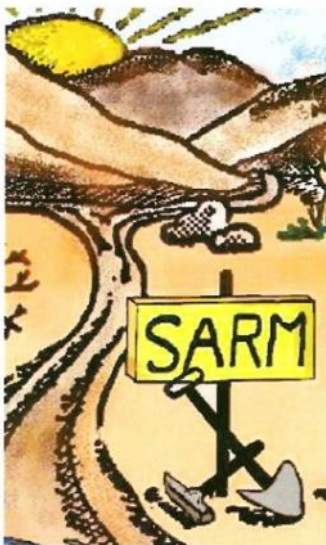




P.O Box 51  
Santa Ana, CA 92702



**APRIL 2020**



# **CHIPS 'N' SPLINTERS**

**Santa Ana Rock and Mineral Club  
APRIL 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 APRIL

**Work Shop Closed**  
**General Meeting Cancelled**

## BOARD OF DIRECTORS

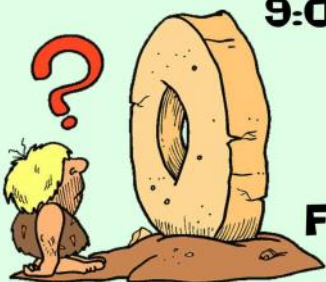
<u>PRESIDENT</u>	Jim DeMarco
<u>VICE PRESIDENT</u>	Dania Boucher
<u>SECRETARY</u>	Leah Harden-O'Brien Josie Nellis
<u>TREASURER</u>	Charlotte Spalding
<u>FEDERATION</u>	Josie Nellis

## 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

<u>WORKSHOP</u>	Pam & Don Greene
<u>Opportunity Drawings</u>	Jim Burke
<u>WEBMASTER</u>	Ning Su
<u>NEWSLETTER</u>	Ning Su Leah Harden-O'Brien
<u>MEMBERSHIP</u>	Jim DeMarco
<u>FIELD TRIP</u>	Ray Walls Andrew Bloxom
<u>HOSPITALITY</u>	Sue Gordon



## PRESIDENT'S MESSAGE

Hello everyone,

I am sorry to announce the cancellation of our April meeting. The Green Valley homeowners association, the owner of our meeting room, has notified me that all meetings at the clubhouses will be cancelled until April 30, 2020.

I hope everyone is doing well and maintaining social distancing. As soon as I know if there will be a meeting on May 20th, I will let you know by e-mail. If we find out soon enough it will also be included in the May newsletter.

Stay safe and use this time to work on your Rock projects.

Jim DeMarco, President



### APRIL BIRTHDAYS

**We wish all of you  
Happy Birthdays!**

Katie Sanders	Regina Knezevich
Craig Sturges	Ray Heslop
Ray Walls	Doug Williams
James Church	Carol Williams
Jr -Caden Bracken - Sorte	

## Coated Quartz - Natural or Treated?

By Dania Boucher

Coated quartz crystals are always popular and easy to find. Go to your local Michael's and you'll find them. You see that at metaphysical bookshops and souvenir shops. They are included in jewelry, art and crafts all over the world. Most of the wide array of colorful and iridescent crystals for sale are coated with metal. The metals commonly used are gold, silver, titanium, indium, niobium and copper.

Quartz crystals are infused with metals in a vacuum chamber using heat or an electrostatic charge called magnetron ionization.

This process bonds the metals to the quartz and therefore the coating is permanent and can't be scraped off.

"Aura" Quartz comes in many colors.

Aqua Aura quartz is coated in gold and is a sky blue color with subtle iridescence.

Angel Aura has a beautiful light rainbow iridescence caused by a special coating process (CVD) involving platinum and silver.

Titanium quartz has a deep, vibrant rainbow sheen achieved with titanium oxide. This is also called flame aura.

Some coated quartz is naturally occurring.

Structure of the quartz itself and is not a coating.



Hematite Coated  
Quartz - 800x



Angel Aura



Aura Colors



Turgite on Quartz



The most common type is Hematite coated quartz. These specimens range in color from orange to deep red. They can be single crystal points or large clusters worthy of display.

Quartz can also be coated in Iron Oxide. It's rust and tends to look like rust, grainy and rough.

Turgite (hematite and goethite) can coat quartz and create a beautiful "rainbow lichen" effect.

Limonite on quartz is orange to metallic gold in color.

Other natural coatings are Orthoclase (Feldspar), Chlorite, Malachite, Chrysocolla, Calcite and Dolomite.

Note: Some clear quartz is naturally iridescent - although this effect is caused by the surface



Aqua Aura



Hematite on Quartz



Iron Oxide on Quartz



Limonite on Quartz

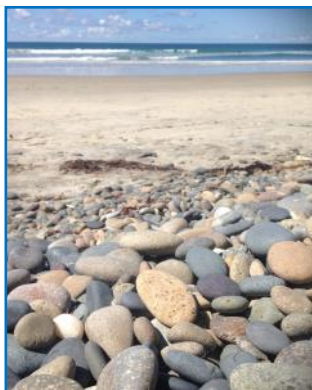


Titanium on Quartz



Turgite on Quartz

## SHARE YOUR TRIPS



Thanks for sharing your photos! These photos were taken before the closing of beaches, parks, trails, restaurants, shops and recreational areas. It may be a while before we go rockhounding next time. There are beautiful rocks everywhere. Stay healthy and stay safe!

**We can't help everyone, but everyone can help someone. ~ Ronald Reagan**

**From what we get, we can make a living; what we give, however, makes a life.  
~ Arthur Ashe**

**From a small seed a mighty trunk may grow. ~ Aeschylus**

Don't forget to pay your dues!  
Renew your membership for  
2020 or become one of our new  
member. We welcome you.

**If you are unsure if  
you have paid for  
2020 -email  
[sarmclub.org](mailto:sarmclub.org)**

**PAY  
YOUR  
DUES**

**Membership Dues are Due!**



**PAYMENT DUE**

**Like our Newsletter?  
Help it grow,  
Contribute an  
Article**



*\*members only*

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!**

## **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.

## **BASIC ENGRAVING**



Engraving is an art of incising a design on surfaces of metal plates, wood, glass, stone, jewelry or plastics. Many people practice engraving for various purposes and to create beautiful ornaments. When practicing engraving at home, it is important to protect yourself from accidental injuries by having better tools in an organized setting. An engraver's block or a rotating vice can assist users to achieve better results for their works.

Soft metal plates made of zinc or copper are good to use for practicing. After etching a design onto a plate with acetone, the outline of the design can be traced with a sharpie and then followed by a carbide tip (or a diamond tip) scribe pen. This makes it easier to engrave using hand gravers. High speed steel (HSS) gravers can be purchased without handles. It is essential to have sturdy handles for your gravers otherwise it can affect your work. Also, we need to see better to improve quality of the engraving. Optivisors, magnifying glasses, or microscopes are being used by people who engrave small objects.



## Centers for Disease Control and Prevention Household Checklist



As a family, you can plan and make decisions now that will protect you and your family during a COVID-19 outbreak. To see the checklist, visit [www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/checklist-household-ready.html](http://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/checklist-household-ready.html)  
For more information, visit: [coronavirus.gov](http://coronavirus.gov)

### Take everyday preventive steps

- Wash your hands frequently
- Avoid touching your eyes, nose, and mouth.
- Stay home when you are sick.
- Cover your cough or sneeze with a tissue, then throw the tissue in the trash.
- Clean and disinfect frequently touched objects and surfaces Be prepared if your child's school or childcare facility is temporarily dismissed or for potential changes at your workplace.

## SAFER AT HOME

Most shows and events are being cancelled and/or rescheduled this month due to Governor's response and the latest health guidelines regarding concerns of the COVID-19 virus. Update of the show listings and information of events will be posted in the newsletter when they are becoming available.



### APRIL 2020 Show

**APR 17-19 — SANTA ROSA, CALIFORNIA \*RESCHEDULED\***

**RESCHEDULED FOR: JUNE 12-14 — SANTA ROSA, CALIFORNIA**

Wholesale and retail show; Gem Faire ; Sonoma County Fairgrounds, 1350 Bennett Valley Rd.; Fri. 12-6, Sat. 10-6, Sun. 10-5; \$7 (all-weekend access); Vendors offering fine jewelry, precious and semi-precious gemstones, beads, crystals, gold and silver, and minerals, jewelry repair and cleaning, demonstrations and displays; contact Yooy Nelson, (503) 252-8300; Email: [info@gemfaire.com](mailto:info@gemfaire.com); Website: <http://www.gemfaire.com>

**APR 24-26 — SAN DIEGO, CALIFORNIA \*RESCHEDULED\***

**RESCHEDULED FOR: JUNE 19-21 — SAN DIEGO, CALIFORNIA**

Wholesale and retail show; Gem Faire ; Scottish Rite Center, 1895 Camino del Rio S.; Fri. 12-6, Sat. 10-6, Sun. 10-5; \$7 (all-weekend access); Vendors offering fine jewelry, precious and semi-precious gemstones, beads, crystals, gold and silver, and minerals, jewelry repair and cleaning, demonstrations and displays; contact Yooy Nelson, (503) 252-8300; Email: [info@gemfaire.com](mailto:info@gemfaire.com); Website: <http://www.gemfaire.com>