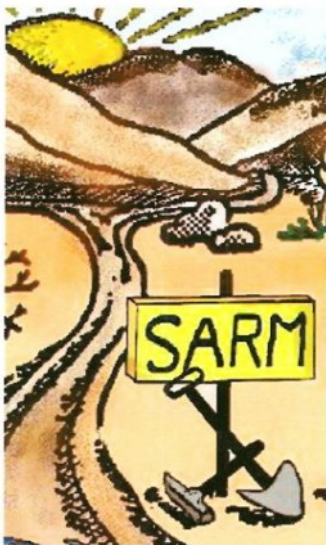




P.O Box 51
Santa Ana, CA 92702



OCTOBER 2019



CHIPS 'N' SPLINTERS

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

SANTA ANA ROCK & MINERAL CLUB

INFORMATION

www.sarmclub.org
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

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 SEP

Oct 5th & 6th: Work Shop

Oct 16th: General Meeting

Nov 2nd & 3rd: Work Shop

Nov 20th: 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

We had a fun, educational time at our September meeting. Dania presented us with a quiz of 50 questions related to the rock and mineral world. We divided into groups and worked together to answer the quiz. I was surprised at how much our group knew and also how much we couldn't remember. It was a new educational experience for the club and the winning group received prizes.

Each month I will bring a few books from our Library to share with the group. You will have the chance to look them over and check one out. I will also bring the binder which lists all the library books. Last month we had a free table at the meeting which was used by several members. If you have something you would like to donate to the members, feel free to bring it to the meeting and place it on the "free table". Everything was taken at the September meeting so I think the members appreciated it.

See you at our October 16th meeting. Dania is planning on having a speaker at the meeting, final commitment is still pending.

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 for review.



Share your news,
help our newsletter! *members only

HAPPY BIRTHDAY !

October

Pamela Greene
Johathan Magallon
Julie Hamilton
Joshua Huggins
Ron Beasley
Grace Pape
James DeMarco
Terry Walls
Juhl Floyd
Dania Boucher



**MINUTES OF THE GENERAL MEETING OF
SANTA ANA ROCK AND MINERAL CLUB
HELD ON SEPTEMBER 18th, 2019**

The meeting was called to order at 7:15 PM by President Jim DeMarco.

CLUB BUSINESS:

The previous meeting's minutes approved as published in the Newsletter
Treasurer's Report – Revenue for August was \$413.00, expenses = \$114.37 and the bank balance as of 8/31/2019 was \$3413.22

A new Web site sponsored by Rock and Gem magazine was announced and flyers were passed out.

COMMITTEE REPORT:

Field trips – Lew's Rocks will be conducting a field to the Mojave Desert on November 16 & 17, 2019. A flyer was passed out with the details of this trip which is open to all rock club members.

E-mail for Lew's Rocks = lewsrocks@netzero.net

Education – Dania presented us with a quiz.

Refreshments – Let Josie know if you have any allergies or special requests.

Federation – There is a Federation meeting in November in Visalia. Our representative attended the March meeting and cannot go to the one in November. Is there someone else who would like to attend this meeting?

There was no other Old or New business

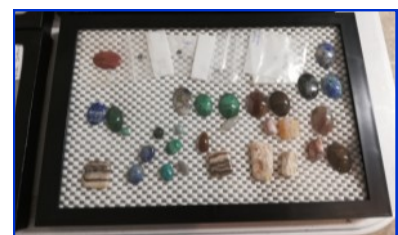
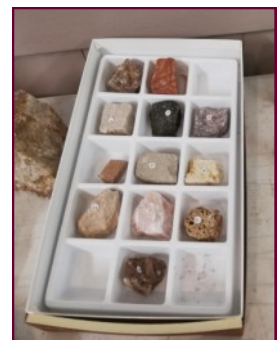
ACTIVITY:

Education – was the quiz

Opportunity Drawing

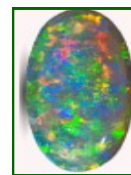
Meeting adjourned at 9:30 PM





OCTOBER BIRTHSTONE: Opal and Tourmaline

Opal is mined in Mexico and Australia. It is not a crystalline form, but a hydrated amorphous form of silica containing between 6 and 10% of water by weight. It is classed as a mineraloid. This mineraloid has a Mohs hardness of 5.5 to 6. Its color can be white, red, orange, green or colorless. It flashes its brilliance with a tiny bit of movement, and thus this precious stone is named "to see a change of color". Opal of darker colors are usually more vibrant in colors, and are more valuable than those of lighter colors. Black opal is the most prized opal. One carat of black opal may be valued up to several thousand US dollars.



Tourmaline is the most colorful gemstone and mineral. Its colors can be red, pink, blue, white, green, colorless or multicolored. They can be transparent to opaque. It is a crystalline boron silicate mineral which contains trace elements of aluminum, iron, magnesium or lithium. Tourmaline is a series of different minerals with unique chemical and physical properties. It has Mohs hardness of 7 to 7.5. Almost all the gem varieties of the Tourmaline came from the member group Elbaite. Black Tourmaline is also called Schorl, and is often not used as a gemstone.



Age is an issue of mind over matter. If you don't mind, it doesn't matter.

Worrying is like paying a debt you don't owe.

~ Mark Twain

SARM SHOWCASE



Wire Wrapped Pendants

Made by our member with beautiful natural gemstones and wrapped with high quality wires.



Rare Mexican Opal

Collected by our member from an opal mine in Mexico. They are ready to be polished or faceted.

CROSSWORDS 2 ANSWER KEY

ACROSS

1. CORAL
5. CITRINE
7. AQUAMARINE
9. TOURMALINE
13. SOAPSTONE
14. HEMATITE

DOWN

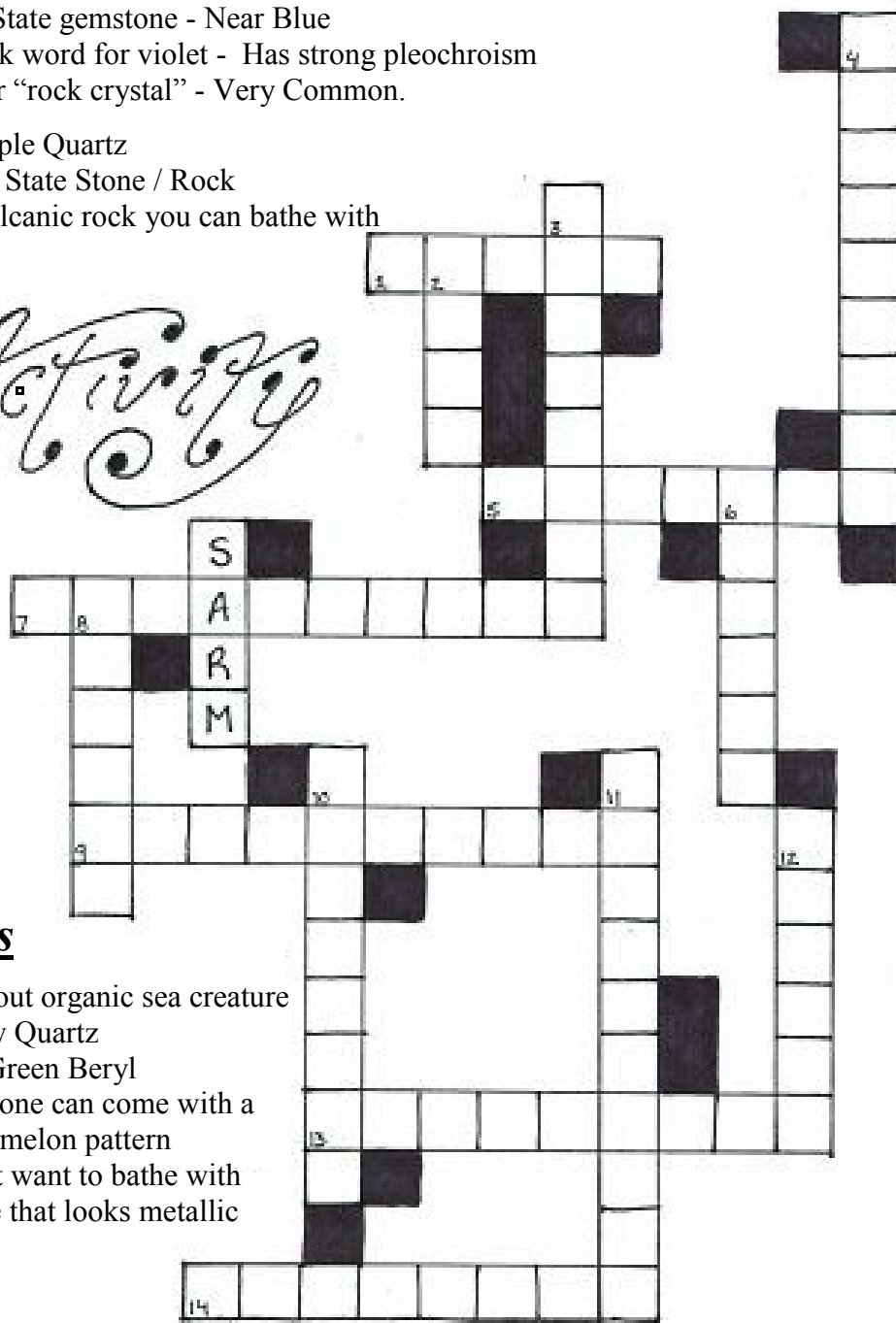
2. OPAL
3. SAPPHIRE
4. BENITOITE
6. IOLITE
8. QUARTZ
10. AMETHYST
11. SERPENTINE
12. PUMICE

CROSSWORDS 2

Down

2. Only Stone that can exhibit a "harlequin" pattern
3. Blue Corundum
4. CA State gemstone - Near Blue
6. Greek word for violet - Has strong pleochroism
8. Clear "rock crystal" - Very Common.
10. Purple Quartz
11. CA State Stone / Rock
12. Volcanic rock you can bathe with

Activity

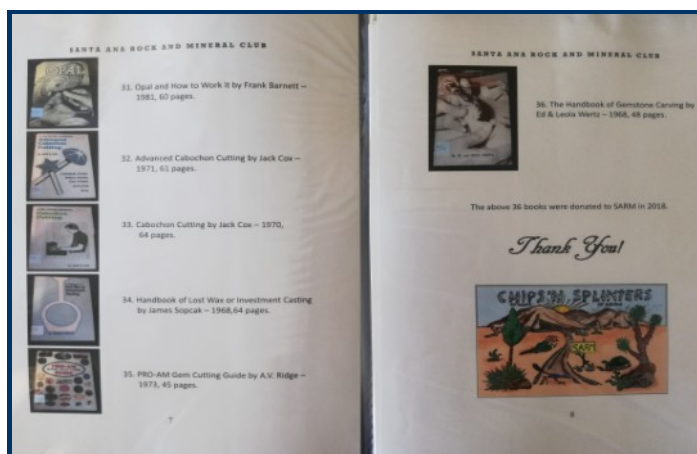


Across

1. Dried out organic sea creature
5. Yellow Quartz
7. Blue-Green Beryl
9. This stone can come with a watermelon pattern
13. Don't want to bathe with
14. Stone that looks metallic

* contributed by Leah Harden O'Brien *

SARM LIBRARY BOOKS



**Santa Ana Rock and Mineral Club
Library Book Request Form**

Your Name: _____

Today's Date: _____

Book Title and Number: _____

1. _____

2. _____

3. _____

Pick Up Books at: (choose one below)

☐ The Next SARM Meeting

☐ Jim's Place
Call (714) 963-3708

SANTA ANA ROCK AND MINERAL CLUB LIBRARY VOLUME I BOOKS

BOOK #	BOOK TITLE	AVAILABILITY FOR CHECK OUT					
1	Jewelry: Concepts and Technology						
2	A History of Jewelry: Five Thousand Years						
3	The Fundamentals of Gemstone Carving						

There are over 60 books in SARM library. The library books cover a wide range of topics in lapidary. They were donated to the club in 2018 and in 2019. (Thank you!) We put together a binder which holds a list of those books, and each book is assigned a book number to it. The binder is available for viewing at club's monthly meetings. You will find topics like cabochon making, silversmith, faceting, jewelry making, gemstone carving, rock and minerals, and more. Come check out the binder while you are at the meeting, and request a book or two to take home later.

Inside the binder, you will find availability for check out sheets. These sheets provide information on availability of all our books. If there are no writings in the box next to the book title, then the book is available. For instance, simply write your initials in the box next to book #7 to reserve the book. The next person who gets the binder will know book # 7 is not available. Then, fill out the library book request form and give it to the club officer. The book can be picked up at Jim's place (call 714-963-3708) or at the following SARM meeting. When the book is returned at the meeting, please cross out your initials in the box to make the book available to others. It is easy. Let's utilize these books more often and be amazed by the history and techniques used in the field of lapidary. Enjoy reading our library books!

WORK SHOP BITS & TIPS

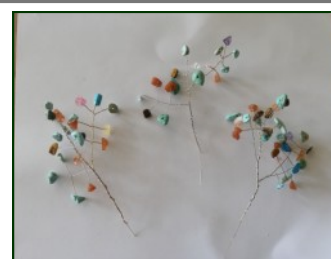
The workshop is open to all members the first full weekend of the month.
Pam & Don Greene our Workshop Officers are flexible.
Call (949) 548-0752 for alternate times if needed.

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.

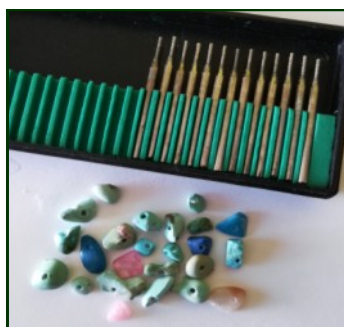
GEMSTONE TREE



Individual limbs



Larger limbs



It is easy to make a gemstone tree. There are kits available at the club meetings. It comes with various gemstones, some wires, and basic instructions. All the gemstones were tumbled, pre-drilled, and ready to be used. We can add additional tumbled stones to the tree. It is best to use diamond coated drill bits with water for drilling holes in the stones. Simply follow the basic instructions provided in the kit. Here are the steps.

1. String bead onto center of wire, and twist wire to lock bead into place
2. Add beads on each side of middle bead
3. Twist wire into "branches" then twist wires together below "branches"
4. Add another layer of "branches" to create a "limb"
5. Make several "limbs"
6. Twist two "limbs" together to make larger "limbs"
7. Twist those "limbs" together to form the "tree".
8. Twist the ends of the wires together to form three or more "roots"
9. Glue the tree "roots" to your favorite rock, and use rubber bands to hold them in place until dry
10. When glue has dried, remove rubber bands, and arrange branches as desired.

UPCOMING SHOWS & EVENTS

FIELD TRIP

DISCOVERING THE MOJAVE DESERT NOVEMBER 16TH AND 17TH 2019



A two day field trip into the Mojave Desert, Nov 16th and 17th. If you would like to participate in this field trip, email your name, address, phone number, and number of people in your party to Lew. If you need a room or will be in camp, must be willing to sign a release of liability and be able to follow a few simple rules. This trip is designed for the young as well as the elderly and for people with disabilities.

Contact: lewsrocks@netzero.net and in the header put Field Trip.

OCTOBER 2019 Show

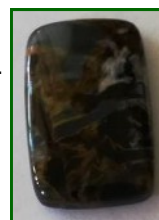
OCT 2-6, JOSHUA TREE, CA: Annual show; Sportsman's Club of Joshua Tree; Sportsman's Club of Joshua Tree, 6225 Sunburst Street; Daily 9-6; free admission; club is located next to the world famous Joshua Tree National Park, features a number of vendors offering a variety of items; contact Wayne Hamilton, 6225 Sunburst Street, Joshua Tree, CA 92252, (760) 366-2915; Email: jtsportsmans@ymail.com; Website: jtsportsmansclub.com



OCT 11-13, COSTA MESA, CA: Wholesale and retail show; Gem Faire Inc.; OC Fair & Event Center, 88 Fair Dr.; Fri. 12-6, Sat. 10-6, Sun. 10-5; Weekend pass for teens, adults, and seniors \$7, free admission for children through age 11; Exhibitors offering various minerals and rocks, jewelry, crystals, gems, beads and crystals; contact Yooy Nelson, (503) 252-8300; Email: info@gemfaire.com; Website: <http://www.gemfaire.com>



OCT 11-13, TRONA, CA: Annual show; Searles Lake Gem & Mineral Society; SLG&MS Lapidary and Show building, 13337 Main St.; Fri. 1:30-6:30, Sat. 7:30-5, Sun. 7:30-3; free admission; Dealers, demonstrations, and displays, and a special afternoon dealer trip (\$100 per vehicle+\$50 per person), field trip Saturday \$15 per car, \$20 per car for Sunday field trip reservations required for field trips; contact Bonnie Fairchild, PO Box 966, Trona, CA 93592-0966, (760) 372-5356; Email: slgms@iwvisp.com; Website: www1.iwvisp.com/tronagemclub/



OCT 19- 20, LANCASTER, CA: Annual show; Palmdale Gem & Mineral Club; Antelope Valley Fairgrounds, 2551 West Ave. H; Sat. 9-5, Sun. 9-5; free admission; contact Allison McClung, 18343 West Ave. F, Lancaster, CA 93536, (661) 839-7403; Email: ali_cares@aol.com; Website: palmdalegemandmineral.org

