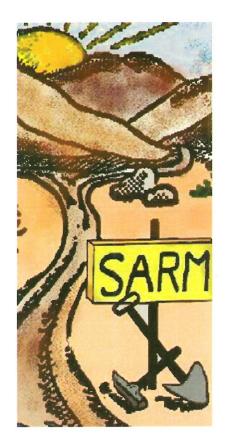


P. O. BOX 51 SANTA ANA. CA. 92702



SHIPS SIPS SPLINERS NEWSLETTER APRIL 2017

Santa Ana Rock and Mineral Club

www.sarmclub.org

sarmclub@gmail.com

P.O. BOX 51

INFORMATION

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

DIRECTORS

President:	Trish Voss	949-631-2314
Vice President:	Jonathan Magallon	714-887-9513
Secretary:	Leah Harden-O'Brien	714-963-3708
Treasurer:	Charlotte Spalding	714-531-4058
Parliamentarian:	Jim DeMarco	714-963-3708

OFFICERS

Jim DeMarco	714-963-3708
Mike Anglin	949-348-0808
Claudia Sanchez	714-980-0567
	714-963-3708
Jim DeMarco	949-548-0752
Don & Pam Greene	
Leah Harden-O'Brien	949-631-2314
Tonathan Magallon	714-887-9513

CALENDAR

April 1st & 2nd : Work Shop

Federation: Field Trip: Hospitality: Membership: Work Shop: Editor: Web Master:

April 19th: General Meeting
Speaker: Patrick Haynes

May 6th & 7th : Work Shop

May 17th: General Meeting
Activity: TBD

May 29: Memorial Day Picnic at Green Valley 10am -3pm

WORK SHOP

Members only

At the Greene's home

1st full weekend of the month
9:00 am to Noon
Call 949-548-0752
to request flexible times

COME ROCK WITH US!

The Green Valley Memorial Day Picnic will be held on **Monday 29th**, from 10:00am to 3:00pm. It will take place on the green belt just north of the building where we hold our Rock Club meetings. Jim DeMarco will be cooordinating with the six members who have signed up to be part of the SARM Information and Boutique Booth. As of now we need 1 additional EZ-up & 4 folding tables. Remember to bring a table cloth, your wares to sell, \$ for change and a chair. Since parking for set up is difficult at this picnic we will meet at his home around 9:30 am that morning. Jim's address is 10928 El Cid Avenue, Fountain Valley, CA. cell # (714) 330-9236.







THE PRESIDENTS MESSAGE

Dick and Pat Webber were our extrodinary speakers at our March meeting. Their presentation on Canadian Amethyst from Thunder Bay region was captivating. The Webbers had a remarkable display of Canadian Amethyst that brought their visual presentation to life. Our Vice President, Jonathan Magallon, is currently working with the Board to bring two more exceptional speakers to share their geological expertise with our members at the upcoming meetings. Our club is also preparing for the Green Valley, Memorial Day Picnic that will be held on Monday, May 29th from 10:00am to 3:00pm. At this

Memorial Day Picnic, the club will have some remarakable rocks and minerals that will appear at our future Silent Auction. In closing, I wish to extend my sincere appreciation to the Board and our members for their generous gifts of time and talant to a club that promots our great interest in rocks, minerals and fossils

-Patricia (Trish) Voss, President

You may have noticed....



The Board Apologizes for the lack of a newsletter the past couple months. We are undergoing construction, but as always accept any constructive critisism or suggestions. Please email the editor: sarmclub@gmail.com

(Beta)
If you would like to advertise in the newsletter see the Board.



MINUTES OF THE GENERAL MEMBERS MEETING

OF

SANTA ANA ROCK AND MINERAL CLUB HELD ON JANUARY 18TH, 2017

Meeting called to order by President at 7:06pm with the Pledge of Allegiance led by Parliamentarian Jim De Marco. In Attendance: 13 members and 5 visitors. WELCOME new members; Joesph, Nam Lee & Robert Stack; Andrew & Lyndsey Bloxom; Martin & Jeanne Gorski; and Dania Boucher!

CLUB BUSINESS:

WELCOME: Club welcomed visitors & new members who stood up and shared their interests with the club. A shout out to upcoming member birthday Carol W. HOSPITALITY: Officers Claudia S. & Jonathan M. provided refreshments including fresh coffee, water, & fresh baked cookies to enjoy. They filled the club house with yummy aromas! MINUTES: November minutes approved as printed in newsletter.

AUDIT COMITEE: Members Trish & Jim report everything in perfect order as well as change to new club bank account.

TREASURER'S REPORT: Income \$757.00, Expenses \$281.00.

FEDERATION: The Club being a part of CFMS; Officer Jim encourages members to check their website for updates to collecting areas which are growing scarce. The Federations annual show will be held in Ventura June 9th–11th, see website for more details.

MEMBERSHIP: Duties will now be taken over by Parliamentarian Jim De Marco. Thank you from all Board Members!

NEW BUSINESS:

SHARE YOUR WARES: New member Daina B, shared her wire wrapping jewelry skills.

Member Carol W shared that she is getting ready for the OC Fair, which she has won a prize Syears in a row.

Club took 15 min break to socialize before activity

ACTIVITY: Speaker Todd Schowalter: 7:45pm - 8:30pm:

Todd talked the club through his process to create 3-D carvings. He recommended easily attainable, inexpensive materials for the beginner; like tagua nuts (his specialty), soapstone, or even avocado seeds & wood. Todd also showed examples of hippo teeth, elephant ivory and the difference to mammoth ivory. Todd also discussed the legal issues to certain 'natural' materials. He shared the tools he uses to create and safety precautions. Todd also brought to the attention of the board to discuss the new 'Terrorism Art Antiquity Prevention Act'. As a thank you for speaking Todd has 2017 membership to the club for free.

Opportunity Drawing: *many generous donations by member Richard –THANK YOU!*.
Tickets were sold by Charlotte 3 for S1. Many happy winners!
Door Prize: Won by new member Jeanne Gorski.

Meeting adjourned at 9:00 pm.





MINUTES OF THE GENERAL MEMBERS MEETING OF SANTA ANA ROCK AND MINERAL CLUB HELD ON FEBRUARY 15TH, 2017

Meeting called to order by President at 7:05pm with the Pledge of Allegiance. In Attendance: 24 members and 4 visitors.

CLUB BUSINESS:

HOSPITALITY: Officers Claudia S. & Jonathan M. provided refreshments including fresh coffee, water. & fresh baked cookies to enjoy.

MINUTES: January Minutes will be put in newsletter with February Minutes.

TREASURER'S REPORT: Income \$318.00, Expenses \$410.00.

FEDERATION: The Federations annual show will be held in Ventura June 9th-11th. It is easily accessible using the train service.

FIELDTRIP: Parliamentarian Jim De Marco gave a shout out to a new booklet he just received, 'Rock Hounding Barstow'. It's filled with trails that also work with a smart phone. More information available in newsletter or talk to Jim.

MEMBERSHIP: Parliamentarian Jim De Marco reports that we will be auditing the member list and checking we have correct contact information.

WORKSHOP: Is open to members first full weekend of the month 9am to noon.

ACTIVITY: Speakers Mr. and Mrs. Fender: 7:15pm - 7:50pm:

The husband and wife team spoke about the eruption of Mount St. Helens. With pictures they talked about how the eruption happened and before and after effects the volcano had. They also showed the re-growth of life and the current landscape changes that are still going on. Examples of ash and glass were brought for all to see.

Club took 5 min break to socialize

Opportunity Drawings: Tickets were sold 3 for \$1. Many happy winners!

Three Door Prizes: Won by members Doug Williams, Todd Showalter, Bruce Levine.

Meeting adjourned at 8:15 pm.



JANUARY

20th Jeff Vaughn
21st Carole Heslop
31st Lombardo, Walter



FEBRUARY

20th Julia Waits

22nd Roger Di Paolo

28th Charlotte Spalding

MINUTES OF THE GENERAL MEMBERS MEETING

OF

SANTA ANA ROCK AND MINERAL CLUB HELD ON MARCH 15TH, 2017

Meeting called to order by President at 7:18 pm with the Pledge of Allegiance led by Jim DeMarco.

In Attendance: 15 members and 3 visitors

CLUB BUSINESS:

HOSPITALITY: Officers Claudia S. & Jonathan M. provided refreshments including fresh coffee, water, & fresh baked cookies to enjoy. As always ask if you have any requests.

TREASURER'S REPORT: Income \$112.75, Expenses \$111.09

MEMBERSHIP: Officer Jim De Marco passed around a current member contact list to check that the club has all current information. If you need to update your address or email address please contact Jim.

WORKSHOP: Is open to members first full weekend of the month 9am to noon.

MEMORIAL DAY PICNIC: Coming up in May. Sign up for flat fee of \$10 before end of April meeting to have fun and sell your wares.

ACTIVITY: Speakers Dick and Mary Pat Weber: 7:25pm-8:10pm:

It's ALL about the AMETHYST! Husband and wife team spoke about Amethyst, the stone's properties and mythology, including being the official stone for Wednesday. They shared the places Amethyst could be found and how it is mined. Many pictures of magnified examples were presented. They took us on a journey through the Blue Points Mine in Ontario, Canada. A slide show of pictures showing rock formations, movements of fault lines, stability, care taken and mining. Different crystal structures and variety of sizes were shown. A large number of examples were brought showing different degrees of specimens. It was encouraged to look through the provided mini light magnifying scopes to see the differences and inclusions.

Opportunity Drawings: Tickets were sold 3 for \$1. Many happy winners!

Door Prize: Donated by tonight's speakers a beautiful amethyst specimen with hematite inclusions from the Blue Points Mine in Thunder Bay, Ontario, Canada and a mini lighted microscope! Won by Claudia Sanchez.

Meeting adjourned at 8:30 pm.



march

17th Trish Voss 17th Ailla Brown 31st Bruce Levine



APRIX

8th Ray Heslop
13th Beau Donnan
14th Ray Walls
22nd Doug Williams
25th James Church
26th Carol Williams



No longer just April's Birthstone or the star of an engagement ring, now it can be made as a memorial stone.

Memorial Diamonds

They have been around for awhile now but maybe you haven't heard about 'Memorial Diamonds'. Your loved ones ashes can be made into a diamond. With the advances in synthetic diamond making this trend could be on the rise.

Companies like Algordanza (http://www.algordanza.com/en/), Life Gem (http://www.lifegem.com/index.php), Eterneva (https://www.eterneva.com/) and for crystals, Cremation Soulutions (http://www.cremationsolutions.com/) offer a variety of options.

Human ashes are reduced to it's pure carbon form and through a process a diamond is grown. This diamond is then cut by a master lapidary. You can pick your type of cut and even with some pick your own color. After, stones are graded and you are given a report. This service is not limited to humans, your family pet can also be immortalized in a gemstone. Your stone can be kept in a small frame or have it be part of a piece of custom jewelry. It certainly gives a new meaning to 'a diamond is forever', and since each stone is unique you

can be assured no two will be the same.

(excerpt from MJSA March2017 issue)

Lab-grown diamonds are cultivating a millennial following, and it's not hard to see why. These stones are seen as conflict-free, eco-conscious, sustainable, and innovative, not to mention that they're identical to and costing 30 to 40 percent less than their earth mined counterparts. Although they currently only represent about 1 percent of the market, lab-grown diamonds are expected to take off in the next few years.

(excerpt from MJSA Jan 2017 issue)

...although the industry as a whole has done little to promote them, consumers have already begun asking their neighborhood jeweler about them.

Despite this growin interest, many jewelers remain reluctant to work with them. Much of the equipment currently available to detect manmade diamonds is financially out of reach for many jewelers, who cite disclosure fears and worry about public perception if unscrupulous jewelers switch out mined stones with manmade diamonds."It could cause people to lose more trust and faith in the jewelry industry". ...

Lab-grown diamonds can be made using two techniques. The traditional technique, which has been around since the 1950's, subjects a diamond seed crystal to high pressure high temperature (HPHT) to initiate growth of a diamond. Initialy the technology primarily produced yellow or brownish yellow diamonds more suited for industrial applications. In recent years, the technology has evolved to produce colorless diamonds.

The other technique involves chemical vapor deposition (CVD): A tiny diamond "seed" is placed in a vacuum chamber and lab-quality carbon gases are used to grow crystals on the seed. Requiring less expensive equipment than HPHT diamond production, the technique has also been fine-tuned within the last decade to produce colorless stones. (Both HPHT and CVD produce Type IIa diamonds, which are composed almost completeley of pure carbon, with litte or no nitrogen.)

"With CVD, because it involves growing crystals in a vacuum, there are typically no inclusions"...

This technology breakthrough has led to manmade diamonds that are virtually indistinguishable from mined diamonds, at least to the naked eye. And therein lies the concern.

UPCOMING BHOWS & EVENTS

April 1 - 2: CHICO, CA
Paradise Gem & Mineral Society
Silver Dollar Fairgrounds
2357 Fair Street
Hours: Sat 9 - 5; Sun 9 - 4
Contact: Kevin Wright, (530) 990-0211
Email: agateorca@ix.netcom.com
Website: paradisegem.org

April 7, 8 & 9: VISTA, CA
Vista Gem & Mineral Society
Antique Gas & Steam Engine Museum
2040 North Santa Fe Avenue
Hours: 9 - 5 daily
Contact: Ray Pearce, (760) 535 5524
Email: raysrocks@cox.net
Website: www.vistarocks.org

April 22 - 23: PASO ROBLES, CA
Santa Lucia Rockhounds
Paso Robles Event Center
2198 Riverside Avenue
Hours: Sat 10 - 5; Sun 10 - 4
Contact: Tina Clark, (805) 305-0246
Email: slrockhounds@gmail.com
Website: www.slrockhounds.org

April 29 - 30: LANCASTER, CA
Antelope Valley Gem & Mineral Society
Lancaster High School
44701 32nd Street West
Hours: 10 - 5 daily
Website: www.avgem.weebly.com

April 1 - 2: TORRANCE, CA
South Bay Lapidary & Mineral Society
Ken Miller Recreation Center
3341 Torrance Blvd (entrance on Madrona Ave)
Hours: Sat. 10 - 5; Sun. 10 - 4
Contact: Nancy Pekarek, (310) 257-8152
Email: pekareks@hotmail.com
Website: southbaylapidaryandmineralsociety.com

April 8 - 9: MARIPOSA, CA
Mariposa Gem & Mineral Society
Mariposa County Fairgrounds
5007 Fairgrounds Rd/Hwy 49 So.
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Meredith Meehan, (559) 868-3535
Email: mgmc@sti.net
Website: www.camineralmuseum.com

April 22 - 23: THOUSAND OAKS, CA
Conejo Gem & Mineral Club
Borchard Park Community Center
190 Reino Road at Borchard Road
Hours: 10 - 5 daily
Contact: Robert Sankovich, (805) 494-7734
Email: rmsorca@roadrunner.com
Website: www.cgamc.org

April 29 - 30: SANTA CRUZ, CA
Santa Cruz Mineral & Gem Society
Santa Cruz Civic Auditorium
307 Church Street
Hours: 10 - 5 daily
Contact: Dean Welder
Email: wdeanwelder@gmail.com
Website: www.scrockngem.org

21-23—SAN DIEGO, CALIFORNIA: Wholesale and retail show; Gem Faire Inc., Scottish Rite Center; 1895 Camino del Rio S; Fri. 12-6, Sat. 10-6, Sun. 10-5; Admission: \$7 weekend pass, Children free (ages 0-11); Fine jewelry, precious & semi-precious gemstones, millions of beads, crystals, gold & silver, minerals & much more at manufacturer's prices. Exhibitors from around the world. Jewelry repair & cleaning while you shop. Free hourly door prizes.; contact Yooy Nelson, (503)-252-8300; e-mail: info@gemfaire.com; Web site: http://www.gemfaire.com

Upcoming APRIL Meeting 19th

New Mexico geologist,
Patrick Haynes is our
speaker for April.
Patrick will be discussing
New Mexico and New
Minerals, as he had a new
mineral approved in
October. He will share
information on this new
approval as well as some
of his past discoveries. We
are looking forward to
meeting Patrick Haynes
in April.

-President Trish Voss

COMING SOON

Silent Auction Event TBD

On Tuesday morning, I picked up a Malachite slab 8"x0" that Jim DeMarco prepared for my friend who recently made the donation to the club. It was a thank you to this lady who was so pleased with the end results. Jim is working on the remaining malachite slab, as well as other donated stones. We wish Jim a safe and productive trip to Tibet in April, and we look forward to seeing him in May, Also, we have a large assortment of rocks. minerals and fossils in various sizes. There is also a California Jade that could serve as a bookend as well as numerous large garden rocks.

-President, Trish Voss

HIGHLIGHT OF THE MONTH

BISMUTH

Is it a metal or a crystal? Well it's a metal but it sure looks pretty right?

Bismuth is a chemical element with the symbol Bi and atomic number 83.

- * Bismuth salts are used as medicinally active ingredients for the past many years due to their minimum toxicity and side effects.
- * Bismuth metal has been known since ancient times, although it was often confused with lead and tin, which share some physical properties.
 - * No other metal is verified to be more naturally diamagnetic than bismuth
 - * 09/2016 headline: Scientists in India have proven the superconductive properties of the metal bismuth, ending a 50-year scientific argument. In due time, this discovery may dramatically reduce the cost of high-tech machinery that relies on superconductors, scientists say.
 - * The solid metal has 'memory' of it's liquid state

Many more interesting findings are happening with this element- to space and beyond....