



Chips 'N Splinters

Santa Ana Rock and Mineral Club's Newsletter
September 2022 | Issue No. 6

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Ideas on what to do
Peridot, Spinel, and Sanonxy
Member's Benefits
Events You Don't Want to Miss

President's Message

Hello all SARM members,

Thanks to all who came to the meeting on the 17th. We learned about Noah's ark from Steve Lund. He presented new archeological evidence including the discovery of rivets made from a previously unknown alloy, where the ark landed and where it ended up, and innovative ship-building techniques. If anyone would like a readable version of the presentation please email me and I will send you a copy.

Our next monthly meeting will be on September 21st. Our speaker will be Bud Benneman, professor of geology at Golden West College. Please bring anything you would like identified by the club and perhaps something for the raffle. Any and all wares for sale too!

Hope to see everyone there!

Dania Boucher
President - SARM



Club Officers

Dania Boucher - *President*
Ray Walls - *Vice President*
Charlotte Spalding - *Treasurer*
Jim DeMarco - *Parliamentarian,*
Librarian, & Membership Officer
Elaine Forester - *Federation Officer*

Vacancies: Recording Secretary,
Historian Officer, Hospitality Officer

Committee Chairs

Pam & Don Greene - *Workshop*
Ning Su - *Webmaster*
Shawnie Leaf - *Newsletter*
Dania Boucher - *Newsletter Editor*
Ray Walls - *Field Trip Advisor*
Burt Vogler - *Field Trip Advisor*

Our Mission

MINUTES

Meeting called to order by Dania Boucher, President.

Treasurer's report:

Shop report: \$14.00 taken in, Expense of \$34.95 for the shop.

Pam urged members to come to the shop and to call if they want to come any other time besides the 1st weekend of the month.

The meeting was attended by 18 members and three visitors. Guest speaker Steve Lund gave a presentation on Noah's Ark.

Door prizes donated by Bromeliad Society and members. Door prizes went to Steve Pavichy, Jim DeMarco and Phil Woolston.

NEW MEMBERS

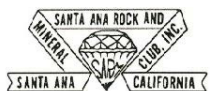
Stephanie and Kaila Tyson, Anthony Zaguirre, Jenny Corridean, Joseph Lloyd, Salvador Perez and his son Arturo.

A very warm welcome to our new members!

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 and promote and encourage the art and practice of lapidary. To exchange experiences and ideas, organize field trips for members and guests, and to promote the general interest in the field of geology.

Meetings: 7 pm, every 3rd Wednesday of the month
(except for July and December).

Where: Green Valley Clubhouse
0739 Los Jardines West
Fountain Valley, CA 92708



ANNOUCEMENT

New Rock Shop & Jewelry Store

OPENS IN ORANGE, CA.

Juan Garcia, one of our members, has opened a store in Orange!
Juan specializes in Mexican opal. Please visit the store and help it
become a success.

The store is located at [642 W. Chapman Ave, Orange CA, 92868.](#)

THE MANY SHADES OF ROUGH SAPPHIRE .



Common Baby, Love My Sapphire

STONE-COLD GEOLOGY + THE SOFTER SIDE OF HISTORY
SHAWNIE LEAF

Sapphire (which is the official birthstone for September) comes in a variety of different shades based on the chemicals that are present during formation. In its purest form, Sapphire is Corundum, which is used on the lens of your smartphone and is colorless. Add a bit of iron, and you'll get purple. Iron + Chromium will get you orange, and nix the iron; you'll get pink. Too much Chromium, and you'll get Ruby.

Titanium and Chromium net a pretty blush color, Magnesium, Iron, and Gallium creates that iconic teal color found in Montana Sapphires, but that iconic bright blue color that Sapphire is known for comes from Aluminum and Oxide, which always reminds me of something.

Pop quiz time! *What 1990's movie featured a giant, heart-shaped Sapphire?* Trick question.

That iconic deep blue, heart-shaped hunk of rock featured in James Cameron's *Titanic* was made from Cubic Zirconia! (And modeled after the Hope diamond). However, just because Hollywood is full of look-alikes doesn't mean that the movie is entirely fictional.

Historical records show that the *Titanic* set sail with a Sapphire necklace, although not as prominent as the one featured in the film. Only a little more than an inch in length, the "The Love of the Sea" necklace was a wedding gift to Kate (whose name is also, coincidentally, Kate in the movie) by her soon-to-be husband, Henry Morley.



Precious memories: Mrs Farmer's grandmother Ellen, left, battled for a lifetime to have Henry Morley's name added to her birth certificate after claiming he gave her mother Kate Phillips the original necklace, right

ALREADY MARRIED AND WITH A 12-YEAR-OLD CHILD, HENRY MORLEY HAD FALLEN MADLY IN LOVE WITH ONE OF HIS EMPLOYEES AND NEEDED TO ESCAPE TO AMERICA TO START A NEW LIFE.

After selling several of his businesses for money (which he gave to his wife and kid), he secretly purchased the necklace as a wedding present and set sail on the *Titanic* with his beloved. According to interviews, Henry had draped the necklace lovingly around her neck moments before she was tossed into a very roomy lifeboat. And the rest?

Well, you know the story. It turns out that Kate was pregnant and gave birth to a daughter named Ellen, who sold the necklace to a private collector. Ellen died in 2012 and had her remains scattered into the sea so that she could finally rejoin her father.

Ellen was their "Heart of the Ocean," after all.

We want your feedback! Let us know what you want to see in upcoming newsletters or share pictures of your specimens, collections, or things you've made. Send your stuff to sarmclub@gmail.com.



Workshop bits and tips

LAPIDARY TOOLS AND KNOWLEDGE AT YOUR FINGERTIPS



HAVE YOU EVER BEEN in a quandary as to what to do with that pretty rock and pieces that are too good to throw away yet not good enough to keep? Maybe you have thought, "If it was larger and it wasn't so much work, I would build a wall."

I solved my problem this way - I made a form of 3/4-inch stock, 4" wide, 2" deep and 12" long (inside dimensions) hinged the sides. I made cement bricks and set my rock in the face. A mighty pretty brick if I do say so myself.

After some experimenting, I found the best way was to make a thick mix of two-part sand, 1 part cement and just enough water to wet it thoroughly - filling the form to .25" from the top. To make this easier, I made a float (trowel) of .25" plywood 3.75" x 10" long using it to measure the depth as well as work the mixture down and smooth it out. I set the pieces of rock and let the bricks set for 2 days before removing the mold. Earlier removal tends to crack the brick.

I used one type of rock for each brick as far as I could, then started mixing colors, even using some slabs that weren't up to par. Depending on the materials at hand, the type of brick is unlimited.

Rose quartz, obsidian and banded rhyolite made the most attractive bricks.

The lighter colors do not show up as well, although I set some light-colored rocks such as milky quartz and amazonite in black Luminite cement.

I did not try to polish the stones as the job was too big, but if time is of no essence and you have a tumbler, polished rock may be more effective. For a start, I am using my brick to edge the flower beds, laying a concrete base 4x thick and 7" wide to allow for the lawnmower and setting the brick in a solid wall one brick high.

A lot of work? Yes, but the results are worth it. I have 30 bricks ready to set and more in the planning stage—even to a planter.

D.C "Red" Williams, San Pedro, CA

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LAPIDARY TOOLS AND KNOWLEDGE AT YOUR FINGERTIPS

Call if you want to come over and work on something on the spur of the moment, or learn how to use the equipment. You don't need to make a reservation in advance, just call when you want to come and If we're home (and we usually are) you'll be welcome. You must be a SARM member to use the equipment. The use fee for the wear and tear on the equipment is \$5 per visit. Pam & Don Greene (949) 548-0752



GRADE
AAA



GRADE
AA



GRADE
A



GRADE
B

Upcoming events

RENO, NV - SEPTEMBER 10-11TH

The Jackpot of Gems -The Reno Gem & Mineral Society, Inc.
Reno Convention Center, 4390 S. Virginia, Reno, NV 89502
Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM
Contact: sailondan5@aol.com.

<http://www.renogms.org>

CHICO, CA - SEPTEMBER 17-18TH

Feather River Lapidary and Mineral Society
Silver Dollar Fairgrounds, 2757 Fair St., Chico, CA 95928
Hours Saturday 9 AM – 5 PM, Sunday 9 AM – 4 PM
There will be 40 dealers, Silent Auction, Geode Cracking, Treasure Hunt, Spinning Wheel, and other activities
Contact: (530) 586-7052, mmppg@att.net

<http://featherriverrocks.org>



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SAN LUIS OBISPO , CA - SEPTEMBER 24-25TH

San Luis Obispo Gem and Mineral Club

San Luis Obispo Veterans Memorial Building, 801 Grand Ave., San Luis Obispo, CA

Hours both days: 10 AM – 5 PM

Contact: 2022show@alogem.org.

<http://www.slogem.org/show.htm>

LONG BEACH, CA - SEPTEMBER 24-25TH

Long Beach Mineral and Gem Society

Gems on the Hill, Annual Gem & Mineral Show

Signal Hill Public Library, Signal Hill, CA 90755- Terrace and Community Room

Hours: Saturday 10 AM – 5 PM, Sunday 10 AM – 4 PM

Free event, Children's activities

Contact: Carol Kron (562) 577-9044, lbmineralgemsociety@gmail.com

Website: <http://www.facebook.com/LBMGS>



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



SANTA ANA ROCK AND MINERAL CLUB
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