



# ROCKHOUND RAMBLINGS

DECEMBER 2017 | THE NEWSLETTER OF THE PASADENA LAPIDARY SOCIETY - PASADENA, CALIFORNIA



Photo by Mark Nelson

## Devil's Tower – Another Look At Basalt

In the May, 2017, issue of Rockhound Ramblings we learn that basalt is being used to revolutionize the construction industry. Here is another look at this interesting mineral!

The Devil's Tower formation, in Wyoming, is a phonolite porphyry. Phonolite refers to the mineral composition of the rock. The word porphyry refers to its texture or crystal size and arrangement. The molten volcanic material (magma) that formed the Tower was pushed through the earth's crust about 40.5 million years ago. It is a light to dark-gray or greenish-gray igneous basaltic rock with conspicuous crystals of white feldspar. As the magma cooled, hexagonal (and sometimes 4-, 5-, and 7-sided) columns formed. As the rock continued to cool, the vertical columns shrank in cross-section (horizontally) and cracks began to occur at 120 degree angles, generally forming compact 6-sided columns.

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### President's Message

Dear Members,

November was an amazing month. So many things happened to better our club and for that we are thankful. I appreciate all the hard work of our members and I

am very happy for the enthusiasm of our new members. These new members are the future of our club.

Thank you to the workshop committee led by Carolyn Duncan for the work you have done this past year. Carolyn, Ed Imlay, Valerie Stathatos, Mona Ross, Gloria Biesterfeld, Phil Lahr, Rex Nishimura, Ben Shutman and so many others worked hard to make it an enjoyable and educational experience. A special thank you to Valerie for

making our workshop possible by her generosity in allowing us to share her space.

Thank you to the nominating committee led by Marcia Goetz for working so hard to hold a fair and impartial election of new officers for 2018-2019. Thanks to Susan Carter, Chris Kyte, Joe Goetz, and Ben Shutman for serving on this important committee.

Thank you to our Vice President, Mona Ross, for working so hard to have so many great speakers for our general membership meetings. You did a great job and we all look forward to many more great programs in 2018.

Thank you to all those who served and gave of so much of their time to make our club so great = Treasurer Linda Nelson — Field Trips Joe Goetz — Trustees Joe Goetz, Chris Kyte and Marcia Goetz — Secretary, Bulletin and Webmaster Mark Nelson — Education Joan

Harrison — Display Paolo Sanchez — Membership and Show Chair Marcia Goetz — Ways & Means and Workshop Carolyn Duncan — Librarian Jennifer Jang — Hospitality Cindy Lamarche — Historian and Publicity Elizabeth Weston. You made our club more successful because of your contribution.

Congratulations to Ed Imlay for being selected the Scholarship Honoree for 2018 by the California Federation of Mineralogical Societies Scholarship Committee. You are so deserving of this honor.

Thank you to everyone for supporting me so wholeheartedly these past two years and I look forward to serving you in the future.

I hope your holidays are filled with joy and happiness.

Ellen Ferrell  
President

## Meeting and General Society Information

### Officers

Ellen Ferrell, President  
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<Ellenbf2007@aol.com>

Mona Ross, Vice President  
(626) 437-0150  
<mlr.attofgrat@gmail.com>

Mark Nelson, Secretary  
(909) 996-1784  
<Mnelsonair@aol.com>

Linda Nelson, CPA, Treasurer  
(909) 851-4407  
<Lnelsn@verizon.net>

Joe Goetz, Federation Director  
(626) 914-5030  
<joemar1@verizon.net>

### November Board Meeting by Mark Nelson, Secretary

◇ The November board meeting dealt with routine business, approving one new member. Due to proposed amendments to the minutes of the August and October meetings approval was deferred to the December meeting, as were the review of the proposed Operating Regulations.

### November Program Meeting

◇ The election results were Ellen Ferrell, Pres; Mona Ross, VP; Linda Nelson, CPA, Treas; David Lacy, Sec. (replacing Mark Nelson) and Joe Goetz, Fed Dir.

Brad Smith, the author of *Bench Tips For Jewelry Making, Broom Casting for Creative Jewelry - and more* - shared some of his legendary Bench Tips!

### December Holiday Meeting

December 9th from 12 noon to 9pm. This year we will once again offer skilled craft instructions from noon to 4 at our annual Holiday Meeting and Pot Luck Dinner! Bruce and Cindy Lamarche were able to obtain the large multipurpose room at the Glendora Masonic Lodge for the event! 135 North Valley Center Avenue, Glendora.

Ferdie Sanchez, Bonnie Lacy, Linda Nelson, Carolyn Duncan and others will teach some very interesting projects for adults and for children of all ages!

This is the final day of our food drive for those less fortunate! As a "Thank You" to our generous members, we will raffle 3 nice prizes for every person who brings a donation of food or money. Social hour will start at 4pm, followed by dinner at 5pm and an introduction of our new officers and awards to our 2018 Rockhounds Of The Year.

This year we will also have a fun "blind gift exchange". Please bring a wrapped gift with a value of at least \$10.

See the flyer or the web site for more information!

## Membership Information and Meeting Locations

**FAIR USE NOTICE.** This publication may contain copyrighted material the use of which has not been specifically authorized by the copyright owner.

We are making such material available in our efforts to advance the educational understanding of the amateur jewelry fabrication and rock collecting hobbies.

We believe this constitutes a 'fair use' of any such copyrighted material as provided for in section 107 of the U.S. Copyright Law.

If you wish to use material from this publication for commercial or purposes of your own that go beyond 'fair use', you must obtain permission from the copyright owner.

**Membership** per calendar year is only \$25, \$15 for a second adult member in the same house. Junior members and the third or more adult members at the same house are \$10. Initiation fee is \$2.00 per person and membership badges are \$9.00. Renewals are due by the October General Meeting and delinquent after December 1st. Mail checks for membership to P.O. Box 5025, Pasadena CA 91117-0025.

### Website:

[www.pasadenalapidarysociety.org](http://www.pasadenalapidarysociety.org)

**Email:** <pasadenalapidary@aol.com>

**Program Meetings:** 6:45 - 8:45 PM on the third Tuesday of each month at the Pasadena Central Library at 285 E. Walnut Street. Doors open at 6pm. **Guests are welcome!**

**Field Trips** are scheduled each month. Refer to the bulletin and website for date, location and information.

**Workshop:** The use of the club's equipment is available to members from 9am to 5pm on the 2nd Sunday of each month in our shop at 97 E. Montecito Ave., Sierra Madre. There are two sessions - 9am to 1pm and 1pm to 5pm. Equipment proficiency is required and instruction is free. Fees are \$3 per session or \$5 for a full day. Bring lunch!

**Safety:** Liability waivers, eye protection, closed-toe, flat-heel shoes and machinery safe-practices are mandatory for all participants. Workshops are for adult members and junior members 8 and older with adult supervision.



Follow us on  
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Find us on  
**Facebook**



**The Annual Club Show** is held the second weekend of March at the Masonic Center, 3130 Huntington Drive, San Marino.

**Advertising** - a business card size ad is available for \$99 per year or \$10 per edition. Submit text, logos, business card or other copy to the editor at the address or email listed on this page.

**Newsletter Articles**, ads or corrections should be sent to the editor: **Mark Nelson**, P.O. Box 5025, Pasadena CA 91117-0025 or by email to [pasadenalapidary@aol.com](mailto:pasadenalapidary@aol.com)

**Board Meetings:** 7:00 PM on the first Thursday of the month at Matt Denny's Ale House, 145 Huntington Drive, Arcadia CA. All members are welcome to attend! Join us for a No Host dinner at 6pm. Menu is on-line.



**Joan's  
Corner**

**EDUCATIONAL OUTEACH**

**Joan Harrison**  
Chair, Education Committee



It's a great time to schedule our popular rock and mineral presentation for your school, civic group, church, community, or youth group. To schedule a presentation by one of our experienced club members, contact Joan at (323) 662-3074 or at <liveoak180@yahoo.com>.

Display Table — Paulo Sanchez is coordinating the Display and Rock I.D. table at our club meetings. You may display items of general interest, workshop projects and items you've collected on field trips to display. If you'd like to know the name of a rock or mineral you've acquired, please bring it to the next meeting and set it on the table, with a "What is This?" note. Polishing a small section, or carefully "knocking off" a small corner of the specimen will provide more clues!

**2018 Zzyzx Application — Now On The Web Site !**

The CFMS has classes once a year at the former health spa at Zzyzx, near Baker, CA. The 2018 dates are March 25 - 31. This is a chance to have personal instruction in these areas: Lapidary, Beading, Wire Art, Field Trips, Silver Fabrication, Advanced Wire Art, Precious Metal Clay (PMC), Soft Stone Carving, Faceting and Alternative Casting. This is a very popular program, as it gives a person as much time as he or she needs to acquire skills that may be hard to learn elsewhere, and will fill up quickly. Class costs and lodging details are included on the Registration Forms which are posted on the PLS web site's Member Tools page. If you want to go, fill out the form and take it to the post office today!

**Welcome  
New Members !!**



*The Society is continually seeking new members, ideas and enthusiasm to assist us in sharing the enjoyment and understanding of earth sciences. **We welcome our newest member - Mark Balthazor, of Pasadena !***

*Share the lapidary and jewelry hobby! Invite your friends and neighbors to one of our monthly meetings to learn more about the Pasadena Lapidary Society! Give us the name and address of someone who might be interested and we'll send them a complimentary bulletin!*

**ROCK OF THE MONTH PRESENTATION**



ROTM is a fun way to share a rock, gem or mineral that you find interesting. It doesn't have to be long or fancy, just 5 minutes or so.

**Remember, if it is interesting to you it will also be interesting to all of us!**

I have openings for next year. To be scheduled to talk about an interesting rock or mineral at a 2018 meeting, sign up at the monthly meeting or email me at: <mlr.attofgrat@gmail.com> .....Mona Ross




**This month's Holiday Meeting and Party is the final night of our Winter Food Drive for the Friends In Deed Food Pantry and Women's Shelter. Other than our Annual Show, this is our main outreach to the Pasadena Community. Let's make it a good one!**

**Please be generous and start bringing your donations of food to the event! We'll be there from 10am to 9pm. All who donate will receive a ticket for a nice prize to be given away at the meeting. See the website calendar for suggested items.**



**Find us on  
Facebook**



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Be one of the growing number of our followers on  
Twitter!

<https://twitter.com/pasalapidary>



**WORKSHOP**

**This Month's Program — Marbles !**



The December workshop will introduce making awesome stone marbles! Bring your own super glue / crazy glue and a 1/2" slab or you can use one of our slabs.

Park on the street or in the parking lot on the east side of the building and enter through the walkway on the west side of the building. Do not use the ramp in the parking lot.

New and current members who have not received our new safety orientation are required to do so prior to participating in workshop events. The safety orientation will start at 9:15am. Please contact me to schedule your orientation at: 909 -593-2781 or at <gem.quest@verizon.net>.

..... **Carolyn Duncan, Workshop Chair**



**Program Meeting Refreshments:**



**Program Meeting Refreshments — Thanks to Joan Harrison and Karl Stull for bringing refreshments to the November meeting! To volunteer to bring light refreshments at one of our 2018 meetings - contact me by phone or text at (626) 833-8710 or by email at: <grammiecyn@verizon.net>**

..... Cindy Lamarche

**Sunshine:**



◇ As we near our year end it is with sadness that we remember our two members who left us this year: Sheryl Aitken and Kay Holgate ◇ Let's appreciate their memories by working together to keep our Society strong and responsive to its members and to the next generation of rock, mineral and lapidary enthusiasts!

*The Pasadena Lapidary Society has a **Sunshine Committee** to send cards and words of comfort as well as support and congratulations to our members who are in need or who are deserving of it. **Help me recognize them!** ... Cindy Lamarche.*





## The CAIs of Meteorites

By Paolo Sanchez (Age 17) — Pasadena Lapidary Society

In the subject (study) of meteoritics, inclusions within meteorite specimens provide vital clues to the evolution of our solar system. One particular type of inclusion, the Calcium-Aluminum-rich Inclusion (CAI), helps planetary geologists and astronomers learn more about what happened during the early formation of the solar system!



Above: A calcium-aluminum-rich inclusion in a chondrite.  
Source: Meteorite Times Magazine.

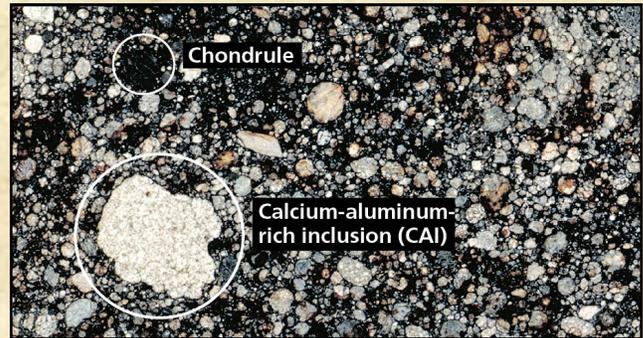
These small inclusions are among the oldest substances in our solar system and are found only in chondrites, stony meteorites that consist of small granules known as chondrules. Their sizes range from about the size of a paperclip to smaller than the width of a single hair. They are rather easy to recognize with the naked eye, for their pasty-white color distinguishes them from a prominently blackish-brown groundmass matrix.

What is interesting is that most scientists agree that these rocks with CAI's were, at one time, much closer to our early sun than most other rocky masses. This conclusion is based on the fact that these CAI inclusions contain the rare isotopes oxygen-16 and oxygen-17, which are most commonly present near the sun.

If this is the case, then why do these meteorites from the distant asteroid belt contain the inclusions that were once so close to the sun? A widely-accepted theory suggests that about 4.6 billion years ago, during the early days of the solar system, a phenomenon known as the *protostellar wind* picked up small molten masses of these calcium-aluminum mixtures and brought them closer to the sun via the sun's strong magnetic fields. As the masses traveled in these magnetic "convection currents", they were shot up from the northern and southern magnetic poles of the sun as hot sprays of molten metal. Due to the magnetic currents of the sun and the gravity of the early protoplanetary disk of the solar system, the molten material rained down over the farther reaches of the early solar system, eventually coalescing into larger masses of rock and metal, taking part in the formation of asteroids and planets.

Most meteorites containing CAIs are part of museum and

university collections, for the presence of CAI particles in meteorites are very rare. Only about 0.1% (by volume) of all early solar system meteorites contain CAIs!



A close-up of an Allende meteorite fragment shows the white calcium-aluminum-rich inclusions and the darker chondrules.  
Photo from the National Meteorite Collection/Smithsonian Institution

The famous Allende meteorite, which fell over the Mexican state of Chihuahua in 1969, contains the basic elements to create life – particularly carbon – and also incorporates a sizable amount of CAIs in its composition. A few other meteorites also contain some visible amount of CAIs, yet the rarity of these meteorites can make it difficult for scientists to obtain a specimen for study!



Protoplanetary Disk during formation of solar system. Source: astrojack.com.

### Works Cited:

**Sears, Derek W. G.** "The Case for Rarity of Chondrules and Calcium-Aluminum-rich Inclusions in the Early Solar System and Some Implications for Astrophysical Models." *Iopscience.iop.org*. N.p., July 1977. Web. 9 May 2017.

**Staff, SPACE.com.** "Meteorite Clue Opens Window into Solar System Evolution." *Space.com*. N.p., n.d. Web. 09 May 2017.



### Mining Supplies and Rock Shop

9565 "C" Street, Suite K, Hesperia, CA  
(760) 244-9642 [www.miningsuppliesandrockshop.com](http://www.miningsuppliesandrockshop.com)

We buy and sell gold and silver and carry a nice supply of rocks and minerals, jewelry, findings, tumbled glass and rocks, rock slabs and cabs, silver wire and sheet, beads, and more.

We carry a good selection of gold panning equipment, dry washers, gold pans, metal detectors, tumblers, rock saws, polishing equipment, lost wax casting, soldering silver and gold jewelry.

Monthly Field Trips !

We Support Lapidary Clubs!

Activities, Tips and Information

Ed Imlay — CFMS Scholarship Honoree



Because of his contributions to rock and mineral education, Ed Imlay was selected as the CFMS Scholarship Honoree. Ed will select a college or university and work with them in the selection of a student(s) involved in earth sciences study to receive a scholarship from CFMS. Presenting the honor at the November meeting was PLS member Tony Fender – CFMS VP.

Member Creations



Above: Ferdie Sanchez' gem trees won top honors at the CFMS/AFMS show in Ventura this year. He learned this technique at a PLS Holiday Party craft workshop — and you can too! Ferdie will be teaching at this year's celebration!



Left: Simple Elegance is what Stephanie Trat calls her necklace of Botswana Agate, rose gold and art glass!

Send a photo of your creation by text to 909.996.1784 or by email to <pasadenalapidary@aol.com>

Be sure to describe what it is!

Activities, Tips and Information

Cleaning Your Jewelry

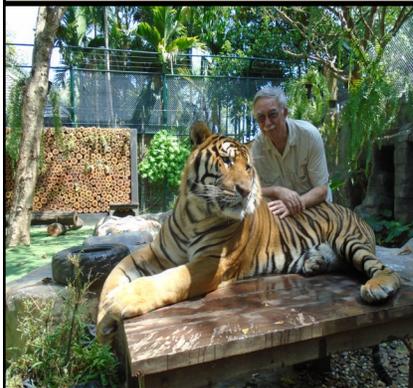
Tips From Good Housekeeping.com

Brighten gold and gems —

Ever look under your ring? Lotion, soaps and everyday dirt can clog the prongs, making stones appear facet-less and flat. Even gold chains and pendants can get gunked up through everyday wear.

- 1. Give gold a bubble bath by pouring a few drops of mild dish soap into a small bowl of sodium-free seltzer water or club soda... 2. Put the jewelry into a small strainer... 3. Swish it around... 4. Return items to the strainer and rinse... 5. For costume jewelry... 6. Pat dry and lay the pieces upside down...

While Out Rockhounding



Left: Jim Gersbach found a tiger in a Thailand rock pile!



Right: Carolyn Duncan looking for odd-rock or rock-cod found a nice tuna!

Y2K Jewelers
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San Dimas, CA 91773
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What is this gemstone? Is it real or imitation? Identification is a free service for lapidary club members! This 3rd generation family manufactures their own jewelry designs...



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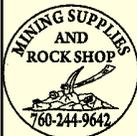


## FIELD TRIPS



Joe Goetz  
Field Trip  
Chairman

There are no PLS field trips planned for the month of December.



The Mining Supplies And Rock Shop (see ad on page 4) will host a field trip on Saturday, December 2nd, for a rock collecting day field trip to Pisgah Crater/Lavic Siding Agate, Jasper and Chalcedony Roses .

They will start out meeting at the Barstow Rock and Gem Show (see page 7 for show address) and then head out a few miles outside of Barstow. This trip requires only a high clearance passenger car. Pisgah Carter is a beautiful example of a young volcano eruption They are going to visit it, explore around the rim, collect some minerals, maybe some chunks of pumice (it make GREAT yard rock), and visit the lava tubes! Then they will visit a great location for chalcedony, mossy red and green agate, and then make their way over to Lavic Siding and find some big chunks of red jasper.

A fee of \$10.00 per person is required to attend; this fee can be paid in person at their store, by phone, or at the Barstow Rock and Gem Show . Please bring cash if you are paying at the show. For more information call: 760.244.9642.

The Mining Supplies And Rock Shop is a great resource for rock, mineral and lapidary hobbyists. Visit their shop in nearby Hesperia!



### Replacement Member Badges

Order your replacement member badges from Linda Nelson, our Treasurer, at PasadenaLapidary@aol.com or from Marcia Goetz, Membership Chair, at <joenmar1@verizon.net>. Badges are \$9 including mailing. Specify pin or magnet back.



**Congratulations** to Alyson Nishimura and Elizabeth Weston for knowing that the early California miners called the Franciscan Complex material "Graywecke". Double geode specimens were not awarded at the November meeting but will be at the January meeting!



### Bulletin Detective Editor's Quiz

Adult and Junior Members:

Question: Phonolite Porphyry creates interesting rock formations. What shape do these formations take, and where else in our country can we find such formations?

The answers to this month's quiz can be found **on the Internet**. The first Adult and Junior Member to correctly answer this question will win a special prize at the next Program Meeting. Email your answer to the Society's email address: <pasadenalapidary@aol.com>.

## FEDERATION NEWS

### CFMS - California Federation of Mineralogical Societies

#### Mitchell Caverns Reopens

By John Martin CFMS Public Lands Committee

After being closed for nearly seven years Mitchell Caverns with its unique limestone cave formations is now open. Reservations are a must (360-460-2506) or (760) 928-2586 and you must arrive and pay for the tours at least 15 minutes before they are scheduled to depart. Arrive early and allow plenty of time to journey to the park as road conditions can be subject to delays. The 1.5 hour tour involves a 1.5 mile round trip walk to/from Mitchell Caverns and costs \$10 per adult, \$5 per child (16 and below), \$5 per senior. Park entrance Fees: \$10 per vehicle, \$5 with seniors (62 and up) on board. Note, the park is closed Christmas Day and New Year's Day. Cavern Tours are given only twice a day, at 11 a.m. and 2 p.m. Fridays through Sundays (including holiday Mondays).

#### Safety Tips:

- Make sure to have plenty of water, more than you think you would need
- Bring food. There is none available at the caverns or within 25 miles
- Bring sunscreen and use it
- Cell phone coverage is spotty or nonexistent. Bring a map and know your route before leaving home
- Dress appropriately. Bring layers of clothing for very warm or very cold
- Wear appropriate shoes for hiking such as close-toed shoes
- Fill your car's gas tank. Nearest town with amenities is 56 miles away.

Location/Directions: [http://www.parks.ca.gov/?page\\_id=615](http://www.parks.ca.gov/?page_id=615)

### AFMS - American Federation of Mineralogical Societies



The 2018 AFMS Convention and Show will be in Raleigh, NC in April. Come for the show and stay for rock collecting!



### 'Tis That Time Of The Year !

- Never worry about the size of your Christmas tree. In the eyes of children, they are all 30 feet tall.
- "How did it get so late so soon?" – Dr. Seuss
- Christmas is not the counting of presents you have, it is the counting of loved ones surrounding you.
- I will honor Christmas in my heart, and try to keep it all the year. – Charles Dickens
- Don't be scared if a big fat man comes in to your room and stuffs you in a bag... I told Santa I want you for Christmas!!
- The only blind person at Christmas time is he who has not Christmas in his heart. – Helen Keller
- Dear Santa, I would like a thin body and a fat bank account. Don't mix it up this year!
- Christmas is the season for kindling the fire of hospitality in the hall, the genial flame of charity in the heart. – Washington Irving
- No matter which side you are on and even though it's not your religion, I bet you are enjoying Christmas.
- Christmas is doing a little something extra for someone.– Charles M. Schulz
- My idea of Christmas, whether old- fashioned or modern, is very simple: loving others. Come to think of it, why do we have to wait for Christmas to do that?– Bob Hope



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TIPS, HINTS AND SAFETY

How to Clean a Copper Bracelet

From jewelrnotes.com

As you wear your copper bracelet, it will lose its luster over time and may become tarnished. How you should clean your copper jewelry depends on whether it has been lacquered or not.

Cleaning a Lacquered Copper Bracelet

If your copper bracelet is lacquered, it will not tarnish as easily as non-lacquered copper jewelry does. Instead, it will get dull and become less shiny. Here are some tips:

- You can use a polishing cloth to shine a lacquered copper bracelet.
If the bracelet is very dirty, you can wash it with warm water with some dishwashing liquid or soap added in.
Rub gently with a cloth or an old toothbrush. Rinse the bracelet well and dry it gently with a soft cloth.

Cleaning a Non-Lacquered Copper Bracelet

In general, non-lacquered copper jewelry can be cleaned well with mildly acidic substances such as lemon juice or vinegar.

- Apply the lemon juice or vinegar to a clean cotton rag.
Clean the bracelet by just rubbing it with the cleaning solution, and work carefully around any stones in the piece.

Notes:

- Avoid applying lemon juice, vinegar, or any other cleaning substances to gemstones in your bracelet, as they may get damaged.
Be especially careful with pearls. Don't soak such jewelry in the cleaning liquid, unless you are certain that it is safe to use with the stones you have.
Consider that if your copper bracelet is antique, or made to look antique, removing the tarnish from it may make it less valuable in the eyes of potential buyers, if you ever plan on selling it.
Do you experience a green coloring on your skin when wearing copper jewelry? Read the January issue of Rockhound Ramblings for tips on how to prevent this!

LOCAL ROCK AND GEM SHOWS

1 - 3 - COSTA MESA: Wholesale and retail show; Gem Faire Inc, OC Fair & Event Center; 88 Fair Dr; Fri. 12-6, Sat. 10-6, Sun. 10-5; Admission \$7 www.gemfaire.com

Look for the gem shows symbol in the calendar on page 8.



1 - 31 - QUARTZSITE, AZ: Market Place Street Fair; Tyson Wells Market Center Swap Meet; Rice Ranch "Yawl Come" Show; Grease Wood Swap Meet. Get more show information at www.desertusa.com/cities/az/quartzsite.html

2 - 3 - BARSTOW: Annual show; Mojave Desert Gem & Mineral Society, Cora Harper Fitness Center; 841 Barstow Rd; Sat. 10-5, Sun. 10-5; Free Admission; Fun for the whole family. Lapidary arts & crafts, Displays with special Petrified Wood exhibit by Walt Wright. Silent Auctions both days & Raffle. Dealers! www.mdgms.net

Club shows are a great source for lapidary material! Please plan to attend one of the lapidary club shows listed on this page, and wear your club badge, shirt or vest when you do! Send me a "selfie" - Editor

9 - 10 - RIALTO: Annual show and sale; Orange Belt Mineralogical Society, Across street from Rialto City Hall; 105 S. Palm Ave.; Sat. 9am-Dusk, Sun. 9am-Dusk; Tons of rocks, minerals, fossils, gems, jewelry, hand made crafts, tools, petrified woods, agate, geodes, and much more. Fun and educational! Free Admission. www.OBMSRocks.yolasite.com

★ 26 - 30 - SAN MARINO: 2017 Viewing Stones Show. California Aiseki Kai presents its 28th annual show featuring outstanding examples of suiseki and other viewing stones. Practiced in Asia for centuries and gaining popularity around the world, the art of viewing stones invites contemplation of the subtle, often fanciful forms that have been shaped by nature, the elements, and time. General admission fee. Brody Botanical Center at the Huntington Library and Gardens 1151 Oxford Road. Tuesday-Saturday, 10 a.m.-5 p.m. A related display presented by the American Viewing Stone Resource Center will be on view during the same dates in the Japanese Garden's Ikebana House.



Society T-Shirts, hats and vests are available to our members through our president, Ellen Ferrell. Vests = \$10, T-Shirts = \$15, Hats = \$11 and replacement member badges = \$9 (specify either magnet or pin mount). Phone: 727-512-0381 or Email: <ellenbf2007@aol.com>

Put the PLS logo on YOUR shirt, bag or jacket! TAS (The Advertising Specialists) now have our digital logo and they can print or embroider our logo on your item. Cost is very reasonable. Ask for Vipul - 841 E Rte 66, Glendora, CA 91740 (626) 966-4770.

BUY SELL TRADE Member - To - Member Set of 4 Bridgestone Dueler tires P265/70 R17. Like new and field trip ready! -- Make Offer! Carolyn Duncan (909) 593-2781 <gem.quest@verizon.net> ... Wanted - Trim Saw. Ellen Ferrell (727) 512-0381 ... Favorite Field Trip Guide of the Los Angeles Gem Hunters. Out-Of-Print edition of forgotten collecting locations from the 1960's - only \$15. Mark Nelson (909) 996-1784 ... FREE TUMBLE-POLISHING: Give me your rock from PLS field trips. Agate, Jasper, Petrified wood (pea to softball size or even larger). I will tumble some for you and some for the PLS to use as show prizes, auctions, display specimens and meeting props. Tax donation receipts for all material. FREE LOADING AND PICK UP. All donations are tax deductible. Ben Shutman <bens.btc@gmail.com> Members are welcome to place a FREE message for items or services wanted, for sale or for trade. Photos welcomed. Email submissions to: <pasadenalapidary@aol.com> or by fax to (909) 394-1276.

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OUR MISSION

The Pasadena Lapidary Society serves to educate its members and the community in mineralogy, earth sciences and training in the lapidary and jewelry arts – while promoting sound mineral resource stewardship based on environmental awareness and ethical behavior. The Society fulfills its mission year-round which may include field trips, lapidary workshops, outreach presentations, public mineral displays, an annual show and monthly informational meetings open to the public.



The Pasadena Lapidary Society is affiliated with the California and American Federations of Mineralogical Societies. Our editor is a member of the Special Congress Representing Involved Bulletin Editors.

# December 2017

Sun      Mon      Tue      Wed      Thu      Fri      Sat

The full moon falling on December 3, 2017, presents the year's one and only full moon Supermoon. Of 2017's 12 full moons, only the December 2017 full moon comes close enough to Earth (within 90% of) its closest approach to Earth in a given orbit to enjoy Supermoon status. You may have heard the term "Once in a Blue Moon" as being a very rare occurrence. In January there is a full moon on January 1st, and then again on January 31st — a Blue Moon!

Civil Rights  
Movement  
Dec 1, 1955  
- Rosa Parks



2

Mojave Desert Gem Show

3 Super Moon

4

5

6

7 Board Meeting

Bodhi Day

HOLIDAY PARTY

10 Rialto Rock & Gem Show

11

12

Hanukkah 164 B.C.

14

15

16

Workshop  
17

18 New Moon

19

20

Winter Solstice

22

National Roots Day

24

HAPPY KWANZAA

27

27

28

Wounded Knee Massacre 1875

30   
Viewing Stones at the Huntington Library

New Year's Eve

2018