



ROCKHOUND RAMBLINGS

OCTOBER 2017

THE NEWSLETTER OF THE PASADENA LAPIDARY SOCIETY - PASADENA, CALIFORNIA



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The Grand Prismatic Spring in Yellowstone National Park is the largest hot spring in the United States, and the third largest in the world, after Frying Pan Lake in New Zealand and Boiling Lake in Dominica. It is located in Wyoming's Midway Geyser Basin.

Grand Prismatic Spring was noted by geologists working in the Hayden Geological Survey of 1871, and named by them for its striking coloration. Its colors match the rainbow dispersion of white light by an optical prism: red, orange, yellow, green, and blue.

The vivid colors in the spring are the result of microbial mats around the edges of the mineral-rich water. The mats produce colors ranging from green to red; the amount of color in the microbial mats depends on the ratio of chlorophyll to carotenoids and on the temperature gradient in the run-off. In the summer, the mats tend to be orange and red, whereas in the winter the mats are usually dark green. The center of the pool is sterile due to extreme heat.

The deep blue color of the water in the center of the pool results from the scattering of blue light by particles suspended in the water. This effect is particularly visible in the center of the spring due to the lack of archaea that live in the center and to the depth of the water.

The spring is approximately 370 feet in diameter and is 160 feet deep. The spring discharges an estimated 560 US gallons of 160 °F water per minute..

Photo by Bruce Lamarche



President's Message

Dear Members,

Fall has finally arrived. We have had some very nice weather these past few days. The September workshop was a little cooler than in the past three months. We did need the fans but, all in all, we had a nice day!

The board met and approved one new member. We did not have a quorum therefore we were unable to address the agenda. These items were tabled until the October meeting. Those present discussed topics and made plans to address them later.

The committee for the 60th Annual Show met and reviewed the progress of the planning. The show is on March 10th and 11th, 2018. The various chairpersons will be looking for volunteers to assist in areas of their responsibility. Please speak up if you are willing to help one day or both days. There are generally enough volunteers to make your time at any one station short.

October 1st is the deadline for nominating Rockhound of the Year and Junior Rockhound of the Year. Voting will be done at the **October 24th** general membership meeting. The board will count the ballots at the November board meeting and the awards will take place at the Holiday Party on December 9th.

The nominating committee, chaired by Marcia Goetz, will present their slate of officers at the October program meeting and will take nominations from the floor. Ballots will be distributed at the November general membership meeting and voting will take place. New officers for 2018-2019 will be presented and installed at the Holiday Party on December 9th.

Membership dues are due for 2018 beginning October 1st and are delinquent December 31st. Send your dues to the P.O. Box or hand them to Marcia Goetz at an upcoming Society event.

Have a Happy and Safe Halloween! Can you dig it!!!

Ellen Ferrell, President

Meeting and General Society Information

Officers

Ellen Ferrell, President
(727) 512-0381
<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
<joenmar1@verizon.net>

September Board Meeting by Mark Nelson, Secretary

◇ The September board meeting was cancelled. ◇ A nominating committee has been organized to nominate candidates for our 2018 officers at the October meeting. ◇ Members present were reminded that the October program meeting will be on the 24th. This is a different day than our normal third Tuesday at the request of the Library.

September Program Meeting

◇ **Ken Rogers** presented an enlightening program about the changing gemstone and bead industries, and

new finds, fakes, created, dyed and enhanced stones. It was very well received and we have had requests to ask him back again soon!

◇ **Cori Solan** introduced us to our own State Gemstone — Benitoite! She is working on a presentation of minerals and plants for 2018.

◇ A special shout-out goes to **Ben Shutman** for helping rig up the electronics for the program meeting. We all really appreciate his help and expertise.

◇ If you would like to be a speaker at our monthly meeting - either as a program or a rock-of-the-month speaker, please let Mona Ross know.

October Program Meeting

This month's birthstone is the OPAL. Our very own David Lacy will present both the well-known and little-known secrets of this iridescent mineral! His enthusiasm and knowledge should make for a very interesting program! Don't forget that the meeting is on a new date this month only:

Tuesday, October 24th

Come early at 6 p.m. and enjoy coffee and light refreshments by Cindy Lamarche's Hospitality Committee. Bring rocks and minerals for identification! The display table is for members to show items they have collected at recent field trips or in their travels.

Membership Information and Meeting Locations

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

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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
Email: <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. Menu is on-line.

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
Twitter



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



**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. If you want to go, fill out the form and take it to the post office on November 1st to be postmarked that day! Class costs and lodging details are included on the Registration Forms which are posted on the PLS web site's Member Tools page.

2018 Rockhound and Junior Rockhound Of The Year

The Rockhound Of The Year (ROTY) and the Junior Rockhound Of The Year (JROTY - ages 8 though 17) ballot is on the PLS web site and will also be distributed at the October meeting. Ballots printed from the web site and mailed must list the name of the person casting the ballot. All ballots will be kept confidential. Please take this opportunity to honor those who have worked so hard on behalf of our hobby this year! Mail the ballot to the post office box or email it to: <pasadenalapidary@aol.com>. All ballots must be received by October 31st, 2017.

WORKSHOP

This Month's Program — Trap a Cabochon Using Seed Beads !



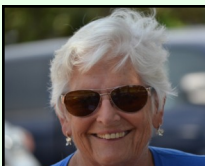
Corinne Imlay will have a continuation of her class on how to trap a cabochon using seed beads. If you did not come to the previous class, and would like to start the project, read the August bulletin (also available on the web site) for the details. Class will be from 10am to 1pm, with more practice continuing in the afternoon.

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



**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 - Rob Hull, of Glendale !**

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



Veteran member Ed Imlay will offer us a presentation that he calls "**The Rock Store of the Month — one of my favorite places to visit!**". Ed's presentations are very popular. **Don't miss it!**

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 November and January. To be scheduled to talk about an interesting rock or mineral at an upcoming meeting, sign up at the monthly meeting or email me at: <mlr.attofgrat@gmail.com>Mona Ross



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

<https://twitter.com/pasalapidary>



Program Meeting Refreshments:



Program Meeting Refreshments — Thanks to Carol Burton and Martha Wilson for bringing refreshments to the **September** meeting! **Jeff Dengrove** and **Alice Watkins** are scheduled for the

October meeting! To volunteer to bring light refreshments - contact me at (626) 833-8710 or by email at:

<grammiecyn@verizon.net> Cindy Lamarche

Sunshine:



◇ Life member Kay Holgate passed away peacefully on July 9th at her home. Her trustee donated her life membership badge for our historical display.

◇ Member Sheryl Aitken lost her battle with leukemia and passed away in August.



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 Sweetwater Showdown – A Rock Adventure

By Alyson Nishimura (Age 11) — Pasadena Lapidary Society

While traveling to Wyoming this summer, my family and I decided to hunt for Sweetwater agates. Sweetwater agates contain star-shaped patterns of manganese oxide inclusions, and are found in Central Wyoming. These unique agates lack the banding patterns of our California seam agates and more closely resemble moss agates.



picture provided by thegemshop.com

Unlike mined seam agates, the gems we found were already semi-polished and ready for the medium grit tumbler stage!

The place to hunt these agates is near the Sweetwater Rocks, about 10 miles northeast of Jeffrey City, WY, in an area known as Agate Flats. The flats occupy a huge area of about twenty square miles, but a quick look around from our truck showed no indications of agates. We drove for miles on the bumpy high plains road, looking for any sign of rock, but only found an old barbed wire fence bisecting the BLM lands.

Then, out of nowhere, a lonesome figure seemed to materialize in the deserted wasteland! A huge floppy black hat, baggy clothes and – a side arm in his belt? My dad, who has a great imagination, said that he looked like the High Plains Drifter (from the 1973 movie starring Clint Eastwood) and that we were in for a showdown! I just hoped that it was just an early morning cowboy repairing fences. We drove a bit closer and, to our relief, the drifter turned out to be a woman with a rock hammer searching for Sweetwater agates!



We said hello and asked her if she had found any agates. She excitedly held up her bucket and pulled out some peanut sized bluish moss agates. She was very happy with her finds and told us that there were larger pieces out in the field if you had the time to look.

We thanked her for the information and hurried on to search for these amazing agates!

As we drove on, we discussed her finds. My mom thought the agates were very pretty, but my dad grumbled about the diminutive size of the agates. We wanted to find the bigger pieces, so we disembarked our vehicle and began earnestly looking for Sweetwater agate.

We found an old abandoned dirt road, barely recognizable among the short plains grasses and foot-high ant mounds, and began our search. To my amazement, the ants had excavated tiny grains of agate and discarded them outside of their anthills. Sure, it was “ant leaverite”, but certainly a harbinger of what was to be found. I then spotted a small blue rock hiding under some bushes, and closer inspection revealed it to be a Sweetwater moss agate. I continued my search along the road picking up agate peanuts and occasionally finding a walnut sized piece. The best search method was to put my baby brother in the truck, while my big brother drove the truck, slowly following us down the road. This turned out to be highly successful! We didn’t need to carry buckets and the truck served as a chuck wagon of tasty treats to reward us all day for our diligent efforts. The moss agate pieces ranged from the size of half of a pea to the size of a walnut. Like the drifter said, the further we walked, the bigger and more abundant the moss agate pieces became.

As time passed, I found more agates, and after about 4 hours in the relentless Wyoming sun, we were all exhausted. The bucket was only a quarter full, at best, and the final tally was about seven pounds of pre-tumbled agate. I was surprised that all of the agates were smooth and rounded — perhaps by the turbulence of some ancient river or sea! Some were filled with intricate patterns of moss, with colors ranging from clear to blue to as black as an Apache Tear.

Like most endeavors, greater effort correlates with greater reward. I've heard a saying that “You gotta' go where few have gone before to find the best stuff”. It's also a great idea to move the car up when hunting on a road if you have an extra driver. Was it worth it to drive 1000 miles to find peanut sized agates? Are all rock hunters NUTS?? I can only imagine what treasure lies beneath the surface of Agate Flats. Perhaps the drifter knows. I'll ask the next time I see her!

Bibliography and Credits: Graham, Kenneth Lee *Rockhounding Wyoming*. Falcon Press Publishing 1996; Nishimura, Rex for planting the image of the High Plains Drifter; Pinterest (High Plains Drifter image). The Gem Shop for the photo of Sweetwater Agates.



Mining Supplies and Rock Shop

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Monthly Field Trips !

We Support Lapidary Clubs!

Activities, Tips and Information

Getting Dirty For Our Members

The 2017 Mucking Party: we all enjoy using the rock saws at the Workshop. Every so often the oil in the saws needs to be drained and filtered, and the rock sludge scooped out. That dirty job was done last month and is shown in this photo. Left to right: Rex Nishimura, Phil Lahr, David Lacy, Carolyn Duncan, Ben Shutman and Chris Kyte. Not shown are Clyde Latimer, Valerie Stathatos and Ellen Ferrell (photographer).



Activities, Tips and Information



Members shown:
 David Lacy
 Bonnie Lacy
 Bob Montgomery
 Alice Watkins
 Carole Sumler
 Linda Nelson
 Mark Nelson
 Clyde Latimer

August Field Trip to the San Bernardino County Museum. The Earth Sciences director gave our members a personal tour of key exhibits, including the new "Sculpted by Time: Our Mountains, Faults, Lakes and Caves" exhibit, and ended in the mineral identification lab in the basement archives!



The coming of Fall kicks off 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 a cache of food to donate today! See the calendar page of the web site for suggested items.

Member Creations

This month's Member Creation was submitted by Stephanie Trat. To create this stunning piece, Dr. Trat cut a sheet of sterling silver into the shape of a cross and set semi-precious stones in elegant bezels. The top is a Moonstone, the left and right arms are Prehnite, with a Labradorite at the bottom.



She set a Spessartite Garnet for a center focus and topped it off with a green Tourmaline set in the bale!

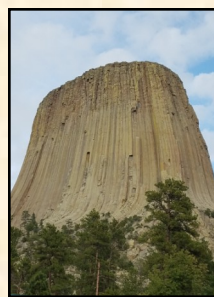
Stephanie is a doctor of pharmacy and we can see what she does when she is not caring for her clients!

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!



The Nishimura family found the Alma King Rhodochrosite at the Denver Museum of Nature & Science!



Above: This photo of Devil's Tower was taken by Mark Nelson. Watch for an upcoming article about basalt columns!



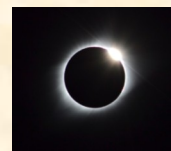
Above: Alyson Nishimura is dwarfed by petrified tree trunks at the Denver Museum of Nature & Science!

Photos From Our Members



Left: Cindy and Bruce Lamarche saw all of the colors of a prism! See the details on the cover page.

Right: Linda and Mark Nelson watched their world get dark during this year's Total Solar Eclipse!



Be a part of the process! Don't forget to send in a nomination for your pick for 2018 Rockhound and Junior Rockhound Of The Year, and to attend the October program meeting for officer nominations!

Y2K Jewelers
 917 W. Arrow Highway
 San Dimas, CA 91773
 (909) 592-4200



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, as well as selling estate and antique jewelry. They repair your old or broken jewelry in the store. At Y2K Jewelers they strive to make high quality, beautiful jewelry. Come in today to be blown away by the displays of beautifully unique jewelry! Bring this bulletin for a special Lapidary Society discount!



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FIELD TRIPS



October Field Trip

The fieldtrip for October is delayed until Nov. 4th & 5th, 2017. The trip will be to the world famous Whittier Club Claim and the surrounding area, (points north, south, east and west). Details will be in the November bulletin!



Joe Goetz
Field Trip Chairman

The September field trip brought cool temperatures and lots of fun for all who attended! The field trip report is on the Calendar page of the web site!

Searles Lake Field Trip Information

by Mark Nelson, Editor

The Searles Lake Gem & Mineral Society was founded in 1939. During their Gem-O-Rama gem and mineral show they have collecting trips out on the salt lakes for rare salt crystals. I consider the collecting out on the salt lakes to be among the most fun I've ever had on a field trip. It is one that I'll remember always! It's about a 3 hour drive from Pasadena, or there are motels in Ridgecrest. Plan on attending this adventure for a single or two days!! It is on October 14 & 15, 2017. Saturday 7:30AM to 5PM - Sunday 7:30AM to 4PM. Admission is free. Collecting trips are \$15 per car and are well worth it! Collecting minerals are abundant! Bring a change of clothes. Arrive early, enjoy breakfast, and sign up for the trips at the Show Building - 13337 Main Street in Trona, CA. Look at the website for full details: <http://www1.iwwisp.com/tronagemclub/flyer.html> See the October, 2016, Rockhound Ramblings for more info. If you have questions about what to expect, call the Editor or email the Society at <pasadenalapidary@aol.com>.



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 Jacci Cooper and Alyson Nishimura for knowing that the battle that is remembered as having occurred on September 2nd was one of history's most significant battles. It was a **NAVAL** battle near Actium where Roman Legionnaires defeated Cleopatra and Marc Antony. **Nice prizes were awarded at the program meeting!**



Bulletin Detective Editor's Quiz

Adult and Junior Members:

This month's bulletin contains a word that means the waste material generated while searching for minerals or while mining, such as when sinking a shaft. What is that word?

The answers to this month's quiz can be found in this bulletin or 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>.



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FEDERATION NEWS

By Joe Goetz

CFMS - California Federation of Mineralogical Societies



Jennifer Haley,
CFMS 1st VP

CFMS EARTH SCIENCE STUDIES Camp Zzyzx 2017

from a report by Jennifer Haley, Camp Manager-South

CFMS has held classes at this former health spa at Zzyzx, in Southern California, for 32 years. The camp has picturesque views of the desert and sunsets like rainbow sherbet. CFMS teaches classes here once a year in March. This year we had a full camp with 68 students. Classes taught: silver fabrication; precious metal clay; faceting; wire art; beading; soft stone carving; lapidary; alternative casting; and field trips.

Editor: The camp is very popular and spaces fill up quickly. Check the PLS web site for the application and send it in on November 1st.

For all of the current CFMS news, read the CFMS Newsletter at: <www.cfmsinc.org/>

AFMS - American Federation of Mineralogical Societies



Future Rockhounds Of America Program

The AFMS has a wonderful program of merit-badge style achievement patches to award to junior members.

This program is designed to encourage them to participate more in Earth Sciences

To volunteer to help bring this program to our Society, contact our President, Ellen Ferrell

Program coordinated by Jim Brace-Thompson of the Ventura club



You Might Be A Rockhound If —

- You prefer barite roses to real ones.
- Your dream holiday destination is Coober Pedy or Far North Queensland.
- Your garage is so full of rocks that the car won't fit in.
- You collect Interesting specimens, including the brown unknown ones, just in case they might turn out to be something special.
- You've ever sorted through a mullock heap.
- You've ever dumpster dived at a marble warehouse.
- You color co-ordinate your clothes and shoes to match your gemstone pendants.
- The sign on the side of the road says "Falling Rock" and you pull over to wait.
- You like to examine the rocks in your driveway.
- You treasure ancient, fossilized animal dung.
- You spend hours searching the ground while everyone else around you gets bored.



TIPS, HINTS AND SAFETY

Local Lapidary Class

Lapidary, Wire Work and Jewelry Production
Mount San Antonio College Older Adults Program
1100 N. Grand Avenue, Walnut, CA 91789

Every Saturday from 9am - noon. No fee for this course. No experience needed. Field trips for supplies. Register when you get to class. Basic tools list provided when you register. The classroom is clean and air conditioned, in the Technology Building #28b, 4th floor, room 410. Use the elevator in the south-east corner of the building. Directions from Pasadena (30 minutes): Take the 210 freeway east 15 miles to Grand Avenue (South). Drive 6 miles south to Temple Avenue and turn left. Enter Mt. SAC at the light on Mt. SAC Way and park to the right in Lot D (quarters for meters or get a day-use permit from the machine). Handicap parking is in the staff lot D-2 in front of the building. Instructor: Margaret Velarde, MFA (909) 437-5957.



LOCAL ROCK AND GEM SHOWS

October 4 - 8 — YUCCA VALLEY: Hi-Desert Rockhounds; Sportsman's Club of Joshua Tree, 6225 Sunburst Street; 9 - 6 daily. www.jtsportsmansclub.com/gem.html

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



7 - 8 — VISTA: Vista Gem & Mineral Society; Antique Gas & Steam Engine Museum, 2040 North Santa Fe Avenue; Hours: Sat 10 - 5; Sun 10 - 4

8 FALLBROOK: Fallbrook Gem & Mineral Society; Fallbrook Gem & Mineral Building, 123 West Alvarado Street; Hours: 9 - 4 Website: www.fgms.org

14 - 15 — TRONA: Searles Lake Gem & Mineral Society; SLGM Show Building, 13337 Main Street. Sat 7 - 5; Sun 7 - 4; www.1.iwvisp.com/tronagemclub. Field trips to collect rare salt minerals on the lake are well worth the trip. See the details on the PLS web site calendar page.

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

21 - 22 — WHITTIER: Whittier Gem & Mineral Society, Whittier Community Center, 7630 Washington Ave.; 10 - 5 daily; wgmsca.com

21 — WEST HILLS: Woodland Hills Rock Chippers; First United Methodist Church, 22700 Sherman Way; 10a - 5p; www.rockchippers.org

22 — CULVER CITY: The Bead Society Show; 10a-5p; Veteran's Memorial Auditorium, 4117 Overland Avenue, Culver City, CA 90230

22 — LOS ANGELES: "How to find meteorites with weather-radar observations of fireballs: Opportunities for "citizen science" in the US and worldwide". Lecture by Prof. David Jewitt . 2:30-3:00pm in Room 3656 at the UCLA Slichter Hall — 595 Charles Young Drive East. Admission is free.



Save used postage stamps for the CFMS!

Why throw away these mini works of art? Former CFMS President Dick Pankey leads the Federation's effort to help fund the cure for cancer through the donation of used postage stamp for international collectors. Give them to our Federation Director, Joe Goetz, by the October meeting, at any Society function!



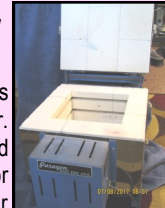
Society T-Shirts, hats and vests are available to our members through our president, Ellen Ferrell. Vests = \$10, T-Shirts = \$15, Hats = \$11 and replacement member badges = \$9 (specify either magnet or pin mount). Phone: 727-512-0381 or Email: <ellenbf2007@aol.com>

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 Leah - 841 E Rte 66, Glendora, CA 91740 (626) 966-4770.

BUY SELL TRADE

Member - To - Member

Firefly Kiln, digital pyrometer, glass grinder, kiln shelf and posts, shelf primer. \$450.00 firm price. Kiln has been used approximately 5 times. like new. Good for fusing glass and for fusing dichroic pieces for jewelry. Jacci Cooper <jaccicoo2@gmail.com> WANTED: tumbling rock for PLS show prizes and auction. Agate, Jasper, Petrified wood (pea to softball size or even larger). Also rock from PLS field trips to tumble as display specimens and meeting props. I'd be happy to drive to you and fish rock out of your garden, my back is younger than yours! If you give me nice rock I can tumble some for you to keep. All donations are tax deductible. Ben Shutman <bens.btc@gmail.com> Set of 4 Bridgestone Dueler tires P265/70 R17. Like new -- a steal at only \$80 Carolyn Duncan (909) 593-2781 <gem.quest@verizon.net> Wanted — Trim Saw. Ellen Ferrell (727) 512-0381.



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.

Carpet City

Carpet ∞ Tile ∞ Hardwood ∞ Laminate

Basem Jibrin, Member Pasadena Lapidary Society

(909) 392-2200

Special Financing Available.

Discounts to members of the Pasadena Lapidary Society!

Free Estimates!

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OCTOBER
2017

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Bulletin Editor:
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San Dimas, CA 91773-3908

First Class
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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.

Opal – October also has two birthstones; Tourmaline and Opal. Tourmaline is a favorite gemstone for many because it's available in a rainbow of beautiful colors. Opal gemstones are truly unique because each individual gem is adorned with a one-of-a-kind color combination. The program meeting this month features a presentation on Opal by PLS member **David Lacy**.



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.

October 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 CELEBRATE Hispanic Heritage Month	2	3	HAPPY WORLD TEACHERS DAY	5 Board Meeting	6 Full Moon October 5th	7 Yucca Valley, Vista & Fallbrook Shows
8 Workshop	COLUMBUS DAY	10 Newspaper Carrier Day	NATIONAL FOSSIL DAY SCIENCE • HERITAGE • PREHISTORIC LIFE	12	13	14 Searles Lake Show & Field Trips
15 Searles Lake Show & Field Trips	16	17	18 New Moon	Diwali — Hindu	Birth Of The Bab Bahai Faith	21 Whittier, West Hills Show & Culver City Bead Show
22 Whittier & West Hills Show, Culver City Bead Show, UCLA Lecture	Planet Neptune discovered 1846	24 Program Meeting	25	Shootout at the OK Corral Tombstone, Arizona 1881	27 NAVY DAY OCTOBER 27	28
29 	30 	31 	Write On ! The first patent for a ballpoint pen was issued on October 30, 1888 , to John J. Loud , who was attempting to make a writing instrument that would be able to write "on rough surfaces — such as wood, coarse wrapping-paper, and other articles" which then-common fountain pens could not. Loud's pen had a small rotating steel ball, held in place by a socket.			