



Rockhound rambblings

OCTOBER 2016 | THE NEWSLETTER OF THE PASADENA LAPIDARY SOCIETY - PASADENA, CALIFORNIA



#1 Gold All American Club Winner Pasadena Lapidary Society Field Trips To Searles Lake!

The upper photo is Pink Halite, and the field trip will collect this on Sunday.
The lower photo is Hanksite, and the field trip will collect this on Saturday.

The Searles Lake Gem & Mineral Society was founded in 1939. Their Gem-O-Rama gem & mineral show is one of the very best outings in the western states. Plan on attending this adventure for both days!! It is on October 8-9, 2016. 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! 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.iwvisp.com/tronagemclub/flyer.html>

If you have questions about what to expect, call the Editor or email the Society at [Pasadenalapidary at aol dot com](mailto:Pasadenalapidary@aol.com).

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Photos by the Searles Lake Gem & Mineral Society



President's Message



Dear Members,

We are gradually moving into fall and hopefully we will see many more cool days and evenings. I hope all of you are enjoying this change of season!

The Board of Directors met September 1st and since we didn't meet in August, we had a long agenda. We were successful in resolving many issues. Going ahead should be smooth sailing!

At the Program Meeting Mark Nelson was elected to complete the term of Secretary left vacant by the resignation of Cynthia Murphy.

October will bring opportunities for member participation in such areas as drafting the Operating Rules, planning the 2017 PLS Annual Show and preparing the rock donations for sale. Anyone that would like to assist in these tasks should contact Carolyn Duncan. She will be making a list of volunteers and coordinating the efforts and schedule. Victor Castellano made one of his buildings in Monrovia available for our use. The Club appreciates his wonderful gesture as it saves us the costs of renting a storage space. Victor will work with Carolyn in setting a time to wash the rocks and setting a date for our yard sale.

Carolyn Duncan and Mark Nelson led the September field trip to Holbrook, AZ.

Carolyn reported that it was a very successful trip, well attended and everyone collected lots of petrified wood.

Marcia Goetz, Interim Membership Chairman, is making great progress in updating our club roster and she is currently working on our Membership Handbook. The membership fees are due October 1st and delinquent December 31st. Fees have been increased for 2017: \$25 for adult membership, \$15 for second adult in family and \$10 for juniors and \$10 for any additional adults. Marcia will begin collecting membership fees at the October meeting.

The Board of Directors will meet October 6th, 6pm, at Mimi's Café in Monrovia.

Ellen Ferrell, President

Meeting and General Society Information

Officers

Ellen Ferrell, President
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Ellenbf2007 at aol.com

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Mark Nelson, Secretary
(909) 996-1784
Mnelsonair at aol.com

Linda Nelson, CPA, Treasurer
(909) 851-4407
Lnelsn at verizon.net

September Board Meeting by Mark Nelson, Secretary

A \$5000 CD was opened at One West Bank. Mark reported that the Society was awarded All American First Place Gold. This is the highest award of any lapidary club in North America and reflects the Society's 2015 activities. Carolyn bought 8" and 6" saw blades for the workshop - \$90. Mark saved \$226 on having a motor rebuilt. Carolyn reported on new donations. : Mark Nelson recommended Victor Castellano as our Government Affairs Representative and reported that there is meeting space available at the Pasadena Central Library. Elizabeth Weston reported that she will be soliciting

help to produce a written publication for the Society's 75th Diamond Jubilee.

Linda Nelson proposed a program of "Special Recognition" for those Society members who contribute substantially to the Society each year.

September Program Meeting

Janie Duncan gave a great report on Ammonites at the Rock Of The Month talk! Patrick Keegan spoke about the field trips and minerals at the Searles Lake Gem & Mineral Show and had a large selection of mineral specimens. Rockhound Of The Year nomination forms were made available to all. VP Mona Ross sold T-Shirts, Vests and accepted member applications.

October Program Meeting

Former Society VP Martha Wilson will have a presentation of The World Of Rocks and Minerals!

Hear of rare Leaverite at the Rock Of The Month talk.

Ballots for the Rockhound Of The Year will be available from the Secre-

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 collected at recent field trips or in their travels.

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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 at aol.com. (909) 996-1784.

Membership Information and Meeting Locations

Membership per calendar year is only \$25, \$15 for a second adult member in the same house. Junior members and the third or more members at the same house are \$10. Initiation fee is \$2 per person and membership badges are \$7.50. Renewals are due by the October General Meeting and delinquent after December 31st. 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 p.m. on the first Thursday of the month at the Castellano Building at 401 W. Colorado Blvd Monrovia, CA. A map and directions are on the website. All members are welcome to attend!

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

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

Workshop: The use of the club's equipment is available to members from 9 a.m. to 4:30 p.m. on the second Sunday of each month in our shop at 97 E. Montecito Ave., Sierra Madre. There are two sessions - from 9 a.m. to 1 p.m. and 1 to 4:30 p.m. 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 eight and older with adult supervision.



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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.



Ed's Corner

EDUCATIONAL OUTEACH

By Ed Imlay

Chair, Education Committee



Ed Imlay at a local school

Jennifer Nishimura has joined the Education Committee, which gave a presentation to the Washington S.T.E.A.M. Academy in Pasadena. To schedule our very special educational presentation to your group or school contact Ed by phone at (626) 286-8215 or by email: edimlay at hotmail .com

Identification: Would you like to know the name of a rock you have acquired? If you can polish or knock a small window off of a corner without damaging the rest of the specimen, please do so to expose the inside. Set it on the display table at the rear of the meeting room with a note asking "What is this?" and ask me about it!

Display Table: At the October Program Meeting you may display items of general interest, workshop projects and items you collected on field trips. Celebrate our gemstones of the month - Tourmaline and Opal - by wearing or displaying something made from these birthstones!

"October's child is born for woe,
And life's vicissitudes must know,
But lay an opal on her breast,
And hope will lull those woes to rest."

Source: *Gregorian Calendar 1582*

**Welcome
New Members !!**



Earlier this year the Board instituted a policy requiring prospective members to attend three Society functions, including a workshop visit. We welcome these new members who have completed the prerequisites! Welcome to David and Bonnie Lacey of Covina!
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!



ROCK OF THE MONTH PRESENTATION

Our October speaker Elizabeth Weston will (attempt to) wax poetic on Leaverite. To sign up to talk about YOUR favorite stone or related subject contact us by email at pasadenalapidary at aol .com.



It is our 70th Year! Help us make a memorable celebration! To volunteer to help or to give suggestions contact Cindy Lamarche at (626) 833-8710 or by email at grammiecyn at verizon.net



It's time to elect our Rockhound and Junior Rockhound Of The Year!

Thanks to everyone who nominated a member for the honor of being named as our Rockhound Of The Year (ROTY) and the Junior Rockhound Of The Year! Now we need your help to select an adult and junior member for this honor!

Voting Procedure:

Ballots are due by the end of the day on Tuesday, October 18th. As soon as the ballot is created it will be posted to the Society's web site, where members may download the ballot, print and mail or email it to the Society. All ballots received by mail and postmarked by the date of the October meeting will be accepted. The voting form will also be distributed to members present at the October General (Program) meeting and collected by the Secretary before the end of the meeting. There will be no nominations from the floor and no electioneering or campaigning during the meeting.

WORKSHOP — Drilling Stones



Members will continue to work on their ongoing projects. I will bring some materials, a Dremel drilling machine and some hollow-core drills for those who were not at the September workshop to drill holes in rocks. If you have your own Dremel or piece you want to drill, bring it with you. Bring a selection of hollow-core diamond drill bits, such as those available from RioGrande.com who have very quick shipping. Others who were at the last class can come and practice as well. The class will be from 11:30am and 12:30pm. I look forward to seeing you there. Carolyn Duncan Workshop Chair.

If you are a prospective member who has not received a workshop orientation, please call me to be scheduled. 909-593-2781 gem.quest at Verizon .net — Carolyn Duncan, Workshop Chair



Follow us on Twitter!

<https://twitter.com/pasalapidary>



Meeting Refreshments:



Program Meeting Refreshments — Thanks to Victor Castellano and Janie Duncan for their treats at the September meeting! Jodia McLeod and Susan Carter Soohoo have volunteered to bring refreshments at the October meeting! The schedule of volunteers is on the Member Tools page of the web site. To volunteer to bring refreshments ∞ Contact me at (626) 833-8710 or by email at grammiecyn at verizon.net.... Cindy Lamarche



Sunshine:

Thanks to Nick Taminich for donation of supplies to the workshop, and for the specimens donation of Helen Wong from the Eaton Canyon Nature Center. ∞ Congratulations to Jennifer Nishimura and Paolo Sanchez for their wins in the CFMS bulletin article contest ∞ At the September meeting we saw Jacob Tillman on high-tech crutches following his broken leg ∞ Our thoughts are with Janie and Carolyn Duncan on their upcoming surgeries and to Mary Kirmil on the passing of her cat! The Pasadena Lapidary Society has a Sunshine Committee to send cards and words of comfort and support and congratulations to our members who are in need or who are deserving of it. Call me already....or email me! My contact info is shown above ∞
..... Cindy Lamarche — Society Yenta !





A Tenderfoot's Tale

By Mona Ross, Pasadena Lapidary Society

My first rock hound field trip was long overdue! I missed getting out of the city to visit our natural areas. So, when the Pasadena Lapidary Society planned a history and Actinolite-collecting trip - I signed up to participate! I gathered my things: a garden trowel, work gloves, an empty plastic ice cream container with a handle, a floppy hat, a bandana and comfortable loafer/sneakers and I got a ride from Mark Nelson and Bruce Lamarche, who were leading the field trip.

It wasn't long before we saw our first item on the agenda, the place where the two continental plates bumped elbows at the Blue Cut - along the San Andreas fault. We all took some pictures, and then headed towards Lost Lake - a sag pond which had a significant coating of algae, and then on to our first collecting site. To get to the collecting area there was a ditch four feet high to navigate and, with help from my fellow club members, I arrived safely on the collecting field. From a distance, the land looked level and dotted with cactus and other plants. But when I was walking on it I learned that there was no such thing as flat or level! My toes slid painfully to the top of my shoes at almost every step - while I endeavored to stay upright. I went slowly, carefully, picking my way around cacti and loose rocks.

Now - I have a beader's eye. What I mean is that I can tell differences in color and shape on a pretty high level of accuracy after years of practice in beading. It seemed like the best place for actinolite to hide is in a field of schist. All the rocks seemed to shine and sparkle in the sun. But it wasn't but a few minutes before I found my first small piece of actinolite, with its crystals growing in all different directions. I also picked up some schist in varied colors of blue, green, silver, and copper, and some white quartz. By that time my knees were shaking from keeping my balance, and I headed back. I figured I was done for the day.

Just then, a junior member in another club pointed to the sky, and said, "Look a rainbow!" In the blue sky was a section of clouds that looked like a flag unfurling, with rainbow colors. We snapped some pictures of the phenomenon and then we headed into Wrightwood to pick up food, and then on to the final collecting site. I was excited to find the actinolite, but too wobbly to try to get down into the wash - where the others went to collect the sparkling green

mineral - so I roamed around the site parking area.

People were coming back with hands and buckets full of actinolite. Then Mark and Bruce got back on the road to head back to the city. We went about a hundred feet or so and spotted a vehicle parked on the side among the pines. One of our rockhounds was trying to pull up a huge piece of actinolite up from the bottom of the wash. While Mark and Bruce assisted him and his wife, I stayed in the truck for a bit, then got out and roamed close to the car.

And there it was! About ten feet or so from the side of the road, modestly hiding in some weeds, was a huge piece of actinolite - the topmost part glittering green with crystals. I tried digging it up with my trowel, but didn't get too far along. When Mark got a chance, he was able to pry it loose, and he and Bruce walked it over and into the back of the vehicle. Mark estimated it to be about 200 lbs. I was elated, jumping up and down, one leg at a time. Then we headed home.

If I had to do it all over again - I WOULD! However, I would have worn hiking boots. I thank all who assisted me, especially Mark and Bruce, in making my first field trip a memorable one!



Editor's Note: Use Mona's example to attend one of this month's field trips. You will not regret it! The other PLS members are there to help you make your field trip a memorable one! There is a list of suggested equipment in the Member Handbook on the web site.



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Activities, Tips and Information

What did you find on a field trip, vacation or show? Send a photo and description of your find to the Editor by the 15th of the month! We'd all like to see them!

REMOVING SOLDER FROM A BEZEL

Sometimes when you solder a bezel to a base plate, you end up with excess solder that needs to be removed before setting the stone. My choice of tool for this is called an "Inverse Cone" bur used in a rotary tool or flexshaft. It cuts on both the bottom and the side and is shaped so that there's less chance of cutting into the bezel wall than if you used the more common cylinder bur shape. I find the 2 mm size useful for almost any bezel.

Thanks to Brad Smith for this tip! See all Brad's jewelry books at Amazon.com/author/BradfordSmith



Visit a Star Trek landscape! When you attend the Trona Field Trip — take 30 minutes to visit The Pinnacles! This amazing natural area is the remains of Searles Lake from 300,000 years ago! See Rockhound Ramblings October 2015.

Activities, Tips and Information

The HISTORY PROJECT

As you know, the Pasadena Lapidary Society is celebrating our 70th Anniversary this year!



In five years, our club will hit its 75th year in existence — our 'Diamond Jubilee'! With this in mind, as Club Historian, I think it's important to gather whatever material, photos, fond memories, etc. that we can, related to the club, and I am asking for your help with this effort. The goal is to make the complete history of the Pasadena Lapidary Society accessible to every member, from its humble beginnings to the present, and to have this project completed in time for our 75th anniversary. A History Committee has been established by the Pasadena Lapidary Society directors to help make this project manageable, and now we need volunteers from the Club to help!

Limited information can be found on the Internet from the past 20 years. If you are interested in web research, digging through old library archives, interviewing veteran members for their fond memories of the past, gathering photos and organizing media related to the club's history -- and being involved in a milestone effort, please contact me via the phone and email provided below. If you are a veteran member who stays in touch with former members, we'd like to get historic information from them too!

With our 75th anniversary just a few years away, I think the club's history, now more than ever, needs to be accessible, transparent and complete!

Thanks in advance!

Elizabeth Weston
Publicity Director, Historian
213-308-5558 cell/text)
or email me at mstom8o at gmail . com



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FIELD TRIPS

By Joe Goetz



Joe Goetz
Field Trip Chairman

Two Exciting Field Trips This Month!



Searles Lake – October 8th & 9th, 2016

If you have never experienced the Searles Lake Show at Trona you have missed some real fun! Saturday 7:30AM to 5PM - Sunday 7:30AM to 4PM at the Lapidary and Show Building - 13337 Main Street in Trona, CA. 20 Dealers - 50 exhibits - Geode cutting and sales - Demonstration - Free parking - Snacks & drinks - Grand Prize Drawing - Hourly door prizes - Good Food in Catered Cafeteria. Pink Halite will be available for purchase. This is an "On Your Own" Field Trip. Because of the excellent organization of the Searles Lake Gem and Mineral Society there is no need for a trip leader from the Pasadena Lapidary Society. It is great fun! Get there early each day. Details are on the Calendar page of the web site.

WGMS Honey Onyx Claim, October 22-23, 2016

The field trip will be to the Whittier Gem & Mineral Society's Honey Onyx Claim, located just east of Barstow, and to other sites in this area. There will be guided field trips on both Saturday and Sunday. Briefing will be in the parking lot of the Oak Tree Inn each day at 8:00 AM - departing at 8:30 AM. To get to the Oak Tree Inn take the Ghost Town Rd exit off of the 15 freeway, turn right, turn right again and go past the gas station and you will see the motel on the right. **Details are on the Calendar page of the web site.**

..Somewhere in California. . . Joe Goetz



Congratulations to Alice Watkins who knew that the type of obsidian mentioned in the article was Mahogany Obsidian from Glass Butte, Oregon.

Congratulations to Allyson Nishimura for being the first Junior to answer that Jacob Tillman's favorite rock is SLAG!

Prizes were awarded at the September Program Meeting!



Editor's Quiz

Juniors: What are the two minerals that one is likely to collect at this month's field trip to Trona, CA?

Adults: What mineral did The Tenderfoot collect in this month's article ?

The answers to this month's quiz can be found in this bulletin. The first Adult and Junior Members to correctly answer these questions 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



Mark Nelson (left) receives First Place Club award from Susan Martin (AACA Chair) and John Martin (CFMS President)

At the 2018 CFMS Show in Placerville, CA, our Society saw several of its members win statewide honors! Jennifer Nishimura was awarded First Place for articles written by a Junior Member for her article on collecting jade at Jade Cove (May, 2015).

Paolo Sanchez won Third Place for articles written by a Junior Member for his article on Iron Sand (July 2015).

On behalf of the PLS, Mark Nelson received the 2015 and 2016 First Place All American Club awards from the California Federation, which had very complimentary things to say about the activities of the Pasadena Lapidary Society. See the Yearbook which documents our activity — on the home page of the web site.

AFMS - American Federation of Mineralogical Societies



2016 AFMS Convention
Californians At The Convention



L-R: Cheri & Don George, Shirley Leeson, Susan Martin, Vivian Roberts, Tony Fender, Marion Roberts, Sandie Fender, Jennifer Haley, Margaret Kolaczyk, Linda & Mark Nelson, Burl & Pat LaRue. Behind the camera: John Martin, CFMS President

Nerd Hero Of The Month: Albert Einstein

- In 1915, Einstein completed his theory of general relativity and changed our understanding of gravity. Celebrate its centennial with his genius tricks for clearing your mind.
- Set Sail: Einstein named his sailboat Tinef, Yiddish for "worthless" — a fitting name, because he was a terrible sailor. He didn't know how to swim, and capsized his boat so often that locals regularly towed him back to shore!
- Dress Down: Einstein's "relaxed" look included an undershirt, baggy pants, a rope for a belt and sandals. He hated socks. "When I was young I found out that the big toe always ends up making a hole in a sock, so I stopped wearing socks."
- Bust Out The Violin: "I know that the most joy in my life has come from my violin", Einstein said. His relationship with music wasn't always so cozy. Like any kid he despised scales and drills. Unlike other kids, he threw a chair at his teacher.
- Keep Up Correspondence: Einstein loved answering fan mail from kids. When a girl complained about her problems in math, he wrote back "Do not worry about your difficulties in mathematics. I can assure you that mine are still greater."



TIPS, HINTS AND SAFETY



Members Teaching Members
Martha Wilson – PLS Member

Martha attended Long Beach State University, considered one of the best art schools in the state for a public school. She has 2 masters degrees, a Master of School Administration and a Master of Fine Arts in studio art (emphasis in sculpture). She added to her education by taking classes in different kinds of metal working, blacksmithing, enameling and silversmithing. She used her education to teach high school art for 35 years while making innovative jewelry for herself. While she was a student at the Monrovia Adult School the teacher had to leave and she was asked to take over the teaching of the class, where she is still teaching jewelry making and silversmithing. She credits the Pasadena Lapidary Society and the CFMS courses at Zzyzx for her lapidary training.

Martha, a past PLS Vice President, welcomes PLS members to join her class at the Monrovia Adult School. She teaches basic and advanced skills, and students use these techniques to design innovative pieces of jewelry. Each session last 5 weeks, and after 2 sessions instruction repeats - with students having the opportunity to advance their skills. Go to www.monroviaadultschool.com and look for Jewelry Making - or contact her by email at: marthaansley@gmail.com.



LOCAL ROCK AND GEM SHOWS



28 - October 2 — YUCCA VALLEY: Hi-Desert Rockhounds at the Sportsman's Club of Joshua Tree, 6225 Sunburst Street. Hours: 9 - 6 daily. Website: www.jtsportsmansclub.com/gem.html

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



1-2 — BORON: Mojave Mineralogical Society Boron Recreation Park, 26998 John Street Hours: Sat 9 - 5; Sun 9 - 4

1-2 — VISTA: Vista Gem & Mineral Society Antique Gas & Steam Engine Museum, 2040 North Santa Fe Avenue Hours: Sat 10 - 5; Sun 10 - 4

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! - Editor

8-9 — TRONA: Searles Lake Gem & Mineral Society SLGM Show Building, 13337 Main Street. Hours: Sat 7 - 5; Sun 7 - 4 Website: www1.iwvisp.com/tronagemclub. Details on the PLS web site.

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

14-16—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 weekend pass, Children 11 and under free. www.gemfaire.com

15 — WEST HILLS: Woodland Hills Rock Chippers First United Methodist Church, 22700 Sherman Way Hours: 10 - 5 Website: www.rockchippers.org

★ October 15-16 — WHITTIER: Whittier Gem & Mineral Society Whittier Community Center, 7630 Washington Avenue Hours: 10 - 5 daily Website: wgmsca.com



Save used postage stamps for the CFMS! Final month of the stamp drive!

Why throw these mini works of art away? 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. Please help this effort by collecting as many stamps as we can between now and the end of October. Cut about 1/2" around each stamp and put them in a zip-lock baggie. Give them to President Ellen Ferrell at any Society function!



Society logo items are available to our members through Marcia Goetz, Acting Membership Chair. Phone: 626-914-5030 Email: joenmar1@verizon.net.

Vests = \$10, T-Shirts = \$15, Hats = \$11 and replacement member badges = \$9 (specify either magnet or pin mount)

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Carpet City

"Thanks for the education you gave my son"

Basem Jibrin, Member Pasadena Lapidary Society

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Member - To - Member

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Members are welcome to place a FREE message for items or services wanted, for sale or for trade. Email submissions to: pasadenalapidary@aol.com or by fax to (909) 394-1276.

OCTOBER
2016

The Pasadena Lapidary Society, Inc.
Bulletin Editor:
1475 Paseo Maravilla
San Dimas, CA 91773-3908

**RETURN SERVICE
REQUESTED**



Pasadena, California
U.S.A.
Founded 1946

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 a Gold Medal All American Club, affiliated with the California and American Federations of Mineralogical Societies. Our editor is a member of the Special Congress Representing Involved Bulletin Editors.

October 2016

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|--|------------------|--------------------|---|------------------------|--------------------------------|---|
| | | | | | | 1 Shows in Mojave and Vista |
| 2 | 3 | 4 | 5 | 6 Board Meeting 7 | 8 Trona Show and Field Trip | |
| 9 Workshop | COLUMBUS DAY | 11 | 12 | 13 Islamic New Year | National Fossil Day | 15 Shows in Whittier, West Hills and in Costa Mesa |
| 16 Full Moon | 17 | 18 Program Meeting | 19 Birth of the Bab - Baha'i | 20 | 21 | 22 Barstow Area Field Trip |
| The planet Neptune discovered 1846 | 24 | 25 | 1881 Shootout at the O.K. Corral - Tombstone AZ | 27 | 28 | 29 |
| 30 | 31 | | The first patent for a ballpoint pen was issued on 30 October 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. | | | |