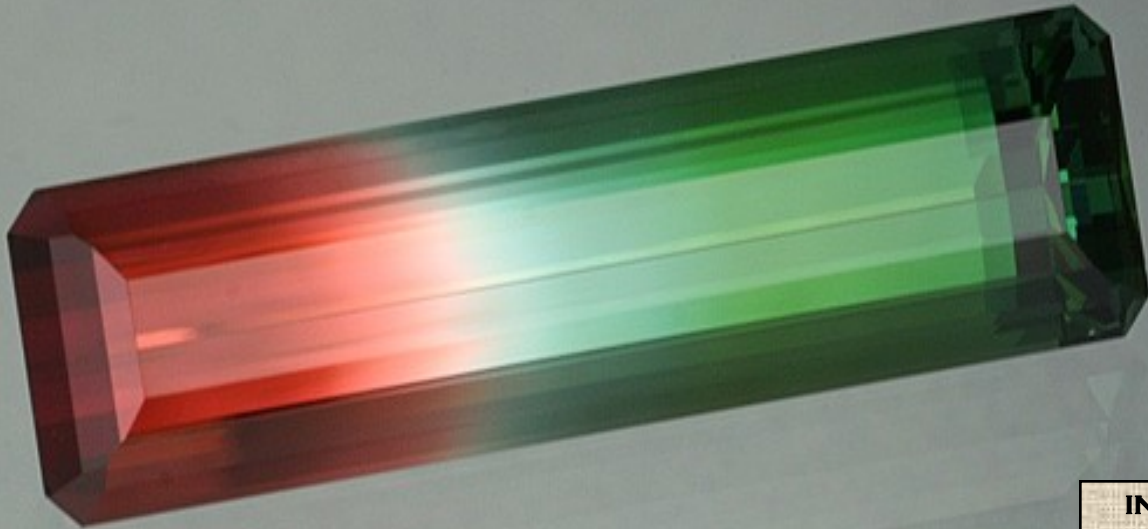


# ROCKHOUND RAMBLINGS

JUNE 2015

THE NEWSLETTER OF THE PASADENA LAPIDARY SOCIETY - PASADENA, CALIFORNIA



This month's field trip is to the famous Himalaya Tourmaline Mine near Lake Henshaw in San Diego County. The Empress Dowager Cixi of China (1835-1908) loved pink tourmaline and bought large quantities for gemstones and carvings from the then new Himalaya Mine.

Tourmalines are gems with an incomparable variety of colors. The reason, according to an old Egyptian legend, is that the tourmaline, on its long journey up from the center of the Earth, passed over a rainbow. In doing so, it assumed all the colors of the rainbow. And that is why it is still referred to as the 'gemstone of the rainbow' today. The name tourmaline comes from the Singhalese words 'tura mali'. In translation, this means something like 'stone with mixed colors'.

Photo used with the permission of the Gemological Institute of America. Read more about tourmaline at: [www.gia.edu/tourmaline-quality-factor](http://www.gia.edu/tourmaline-quality-factor)

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**President's Message**



Dear Members,

Here we are on the brink of summer! It won't be long till you are thinking of swimming in the pool, going to the beach or maybe a potluck in the park.

Oh, yeah, a picnic in the park, that's what we're going to do. Like the last two picnics we have had we will enjoy the company of other club members and soak up some

sun while we dine on wonderful food!

Throughout the bulletin you will find more information on our upcoming events.

June is when school is out, but for rockhounds there is always time to explore how-to videos and books or magazines on creating new jewelry or explore the characteristics of your favorite gemstone.

The Pasadena Lapidary Society has a library with many books that can be

checked out. Jennifer Jang has done a marvelous job of getting it organized. The library is housed at the workshop, so take advantage of the education on lapidary specifics. Your local library can't offer as many lapidary books as we have!

If you are going to the CFMS Show in Lodi, I'll see you there. Otherwise I'm looking forward to seeing you all at the June program meeting!

..... **Marcia**  
Marcia Goetz, President

**Meeting and General Club Information**

**Officers**

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joenmar1@verizon.net

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**Newsletter Articles**, ads or corrections should be sent to the editor: **Mark Nelson**, 1475 Paseo Maravilla, San Dimas, CA, 91773. (909) 996-1784 or by email to [mnelsonair@aol.com](mailto:mnelsonair@aol.com)

**May Board Meeting**  
by Linda Nelson, Secretary

Officers/Directors present: Marcia & Joe Goetz, Carolyn Duncan, Ed Imlay, Chris Kyte, Mark Nelson and Martha Wilson. Absent: Jennifer Jang, Trudy Krose, Elizabeth Weston and Linda Nelson. The Board voted to change the board meeting location to the Castellano Building. New members were approved and a picnic date set.

A full report of the meeting is available on the Member Tools page of the web site.

**May Program Meeting**

Mary Kirmil taught us about Plasma Jasper and Lou Alvarez of ABALONE KING introduced the world of jewelry made from Abalone Shell.

Ed Imlay, Chris Kyte and Mark Nelson had items to display on the display table and Rex Nishimura's strange rock from April was identified as fossilized algae that surrounds a petrified wood branch. — The display table is for members to show items they have collected at recent field trips or in their travels. Bring rocks and minerals for identification!

**June Program Meeting**

This month we will view a DVD by Nanz Aalund called Jewelry Workshop - Beginning Level. It will show how to capture fragile images in a cold-connection brooch. Techniques include 'score and fold', bent-finger tabs, and internal saw cuts. Also shown will be how to make Braided Bezel Earrings. Solder with a hand-held butane torch and learn to flare tube rivets with a flex-shaft, discover new uses for a pin-vise, an awl, flat nose pliers, and a bezel wire in this innovative project. Learn layout tricks and more. — Come early at 6pm and enjoy coffee and refreshments by Trudy Krose's refreshments committee.

**Membership Information and Meeting Locations**

**Membership** per calendar year is only \$20, \$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 \$2.00 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:** [pasadenalapidarysociety.org](http://pasadenalapidarysociety.org)

**Email:** [pasadenalapidary@aol.com](mailto: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 info.

**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 123 E. Montecito Ave., Sierra Madre. There are two sessions - from 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 and field trips are for adult members and juniors with adult supervision.



**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.

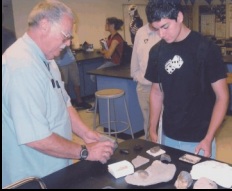


**Ed's Corner**

**EDUCATIONAL OUTEACH**

**By Ed Imlay**

Chair, Education Committee



Ed Imlay at a local school

On 04/30/15, Jennifer Nishimura and I participated in an "Open House" evening at Washington STEAM Magnet School in Pasadena.

To schedule my special educational presentation to your group or school contact me by phone at (626) 286-8215 or by email at [edimlay@hotmail.com](mailto:edimlay@hotmail.com).

**Identification:** Would you like to know the name of a rock you have acquired? Set it on the table at the rear of the meeting room with a note asking "What is this?"

**Display Table:** For the Program meeting, please display any items of general interest, especially: workshop projects and items you collected at the field trip, or the month's birthstone. **For fun, wear something to the meeting containing this month's birthstones - Pearl, Moonstone or Alexandrite!**

Who comes with summer to this earth,  
And owes to June her hour of birth,  
With ring of agate on her hand  
Can health, wealth, and long life command.

..... Gregorian Calendar

**WORKSHOP**

**This Month's Workshop Program:**



This month, from 9am until noon, we will have a special class to explain to our new members how to select a stone or slab to make a cabochon and how to trim and polish it. For the full day some of our Kingsley North polishing machines will be reserved for 2015 new members, who will also have first use of

the trim and slab saws. The rest of the saws and polishers will be available for members to work on their on-going projects. Any 2015 member who has not attended the orientation will be able to do so and to sign the liability waivers. If you are a new member, and will attend the class, please let me know so that we have enough materials on hand. Call me at (909) 593-2781 or by email at [gem.quest@verizon.net](mailto:gem.quest@verizon.net).

**Note:** With all of our rock saws in good working order I am looking for members to sign up to be a docent, or helper, in the saw room. This person will keep track of saw cuts and will help to make sure that all members get a chance to use the saws. Please contact me if you are interested.

*Carolyn Duncan*  
Workshop Chair

**PLS Picnic In The Park**

**When:** Sunday, June 28<sup>th</sup>. Set up at 11am, lunch at 1pm  
**Where:** Arcadia Park - 405 S Santa Anita Ave, Arcadia, CA 91006  
**To Bring:** Bring a cooler, your lawn chair and a dish to share. Contact Trudy Krose or come to the Workshop or Program Meeting to sign up to bring things! **See the information flyer on the web site!**

**Welcome  
New Members !!**



Welcome to our new members - Arlene Corcoran, a rock collector from La Habra; Dr. Stephanie Trat, a pharmacist from Arcadia and Sonia Schwartz, a nurse from 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!



**ROCK OF THE MONTH PRESENTATION**

Linda Nelson will share her appreciation for AMETHYST! Come and hear about this amazing rock at the rock-of-the-month talk! To be scheduled

to talk about an interesting rock or mineral please sign up at the monthly meeting or email Martha Wilson.



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<https://twitter.com/pasalapidary>



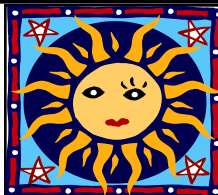
**Meeting Refreshments:**



**Program Meeting Refreshments** — Thanks to Mona Ross, Ed and Corinne Imlay for May's refreshments! Leona & Olivia Jaeger and Davis Coghill have volunteered for the June meeting!

**To volunteer to bring light refreshments** ∞ Contact me at (323) 664-9598 or by email at [mikekrose@roadrunner.com](mailto:mikekrose@roadrunner.com).  
..... Trudy Krose

**MEETING ROOM DONATED** — A heartfelt **Thank You** to Victor Castellano for donating the use of his building in Monrovia for our board and committee meetings!



**Sunshine:** Jodia McLeod and Ellen Farrell are fully recovered from their auto accidents and their rides are back in tip-top condition for our upcoming field trips! Joe Goetz' foot surgery was successful and he will be on light duty for the next month or so.

Nadine Ishizu needs our help to convince the Waldorf School to preserve the historic Craftsman house her family built in the early 1900's . See details on page 6.

The Pasadena Lapidary Society has a Sunshine Committee to send cards and words of comfort and support and congratulations to those members who are in need or are deserving of it. Notify Trudy Krose at 323-664-9598 or by email at - [mikekrose@roadrunner.com](mailto:mikekrose@roadrunner.com).



## Mysterious Metal Balls Found on Ocean Floor

By Macrina Cooper-White, New York Mineralogical Club

### What are those things?

Scientists dredging the seafloor in the Atlantic Ocean several hundred miles east of Barbados in January were surprised when their sled got snagged – and, after freeing it from the seafloor, even more surprised at what it brought up. The sled’s nets were filled with heavy metal orbs ranging in size from golf balls to softballs. Images captured by the sled showed an entire field of what turned out to be manganese nodules – researchers say it’s the largest such deposit ever found in the Atlantic.

“Manganese nodules are found in all oceans,” Dr. Colin Devey, a geologist at the GEOMAR Helmholtz Centre for Ocean Research in Kiel, Germany and the expedition’s chief scientist, said in a written statement. “But the largest deposits are known to occur in the Pacific. Nodules of this size and density in the Atlantic are not known.” The nodules were found during a 42-day expedition through January 26 aboard the German research vessel SONNE, which explored the



Thomas Walter

ocean between South America and Africa, Live Science reported. Some of the nodules may date back as far as 10 million years, as they tend to grow one to five millimeters every million years. That means they may provide insight into Earth’s ancient environmental past, according to the researchers.

As to how the nodules form, the researchers said that’s still a bit of a mystery. Along with manganese, the nodules consist of copper, nickel and cobalt – and may contain the rare earth elements used in smart phones and other high-tech electronics. For that reason, they’re raising a debate over the risks and potential for deep-sea mining.

“Many questions about potential ore mining in the deep sea, however, are still unanswered,” Dr. Matthias Haeckel, a GEOMAR researcher who is coordinating a three-year project to explore the potential environmental impact of deep-sea mining, said in a written statement. “We should get to know the deep sea better before we start to change it on potentially large scale.”

Source: The Huffington Post from February 19, 2015 via the bulletin of the New York Mineralogical Club.



## The Drought And Its Affects On We Rockhounds

By Paolo Sanchez, age 15

In the past few years, we Californians have experienced - and still are experiencing - the worst drought in 1,200 years. Our lakes have been turned to rivers, our rivers turned to creeks, and water has never been more valuable. The drought today is an obvious sign that all of us have to conserve water and save every drop. The average American family consumes about 400 gallons of water a day, but if we take into account the many gallons that are wasted by a leaky faucet or pipe, then we use about 600 gallons of water a day, which is a fifty percent increase of water consumption.

What does this mean for us rockhounds? Surprisingly, with all of the negative effects of the drought, there are a couple of advantages that the drought gives to us rockhounds. In the field, while searching for a good stone, one might stumble upon a river, lake or a large body of water that is said to obtain many nice specimens. However, a rockhound might find it difficult to collect the stones, for the current might sweep him or her away, and all of the good specimens are kept deep underwater, where only divers can collect them. Since there is now a drought, rivers might dry up, and lake beds would appear, revealing the many nice stones that couldn't be obtained prior to the drought.

As a benefit for those who like to go gold panning, since a lot of the river is dried up, gold-bearing gravel and bedrock are exposed, making it easier to dig. Finally, for those people who take collecting trips to the desert, there would be less of a chance for flash floods to happen, making the trip less stressful, and giving more opportunities to search in canyons and ravines!

*Editor's Note: Paolo Sanchez is an energetic and inquisitive Junior Member of our Society. Paolo was voted the 2014 Junior Rockhound Of The Year by the members.*

### Heading to Utah this summer?

Stop at [Love The Art Rock Shop](#) at the north exit of I-15 in Beaver. The family discovered Picasso Stone and they have a large supply, in addition to hand carved stone sculptures that range in size from your table top to a main room attraction, gifts, jewelry, rough and polished opal, deer creek fire agate, and Picasso Stone. Enjoy a cup of coffee or smoothie!



Deer Creek Fire Agates

— Let them know you are with the Lapidary Society for a special discount! 11:00 AM - 6:00 PM Thurs-Mon. 1361 N 300 W St, Beaver, UT

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### Chrysoberyl

by Mark Nelson, Pasadena Lapidary Society

**Chrysoberyl** is derived from the Greek words chrysos and beryllus, meaning "a gold-white beryl". Indeed, chrysoberyl is often named in stones of the beryl group (the best known of which are emerald and aquamarine). Despite the opinion of the ancient Greeks, chrysoberyl is not actually a beryl at all! Chrysoberyls are aluminum oxide containing beryllium, and have little in common with the beryls, which belong to the silicate family. The three main forms of chrysoberyl are ordinary yellow-to-green chrysoberyl, cat's eye or cymophane, and alexandrite.



Chrysoberyl photo by Matteo Chinellato

**Yellow-green chrysoberyl** was referred to as "chrysolite" during the 1800's and early 1900's, which caused confusion since that name has also been used for the mineral olivine ("peridot" as a gemstone). Hence, that name is no longer used in the gemological nomenclature. An interesting

feature of its crystals are the cyclic twins called trillings. These twinned crystals have a hexagonal appearance

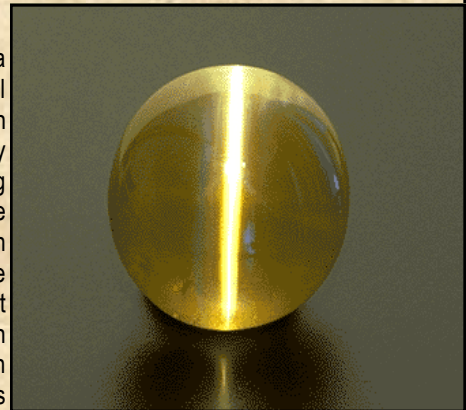
**Alexandrite**, a strongly pleochroic (trichroic) gem, will exhibit emerald green, red and orange-yellow colors depending on viewing direction in partially polarized light. However, its most distinctive property is that it also changes color in artificial (tungsten or halogen) light compared to daylight.



Alexandrite

**Cymophane** is popularly known as "cat's eye". This variety exhibits pleasing chatoyancy or opalescence that reminds one of the eye of a cat.

When cut to produce a cabochon, the mineral forms a light-green specimen with a silky band of light extending across the surface of the stone. Together with Alexandrite, Cymophane forms an independent gemstone category in which the former, which appears to change its color, is regarded as the



more attractive representative, though in fact it is quite definitely the Cymophane cat's eye which is entitled to stake that claim.

Sources: Wikipedia and gemstone.org



### Wolf Volcano Erupts

BBC Report

A volcanic eruption on the Galapagos Island of Isabella has raised fears that the ecosystem that inspired Charles Darwin's theory of evolution may be under threat.

On Monday, May 25<sup>th</sup> the Wolf volcano

erupted for the first time in 33 years, spewing fire, smoke and lava. Experts say the eruption poses no risk to people living on the island.

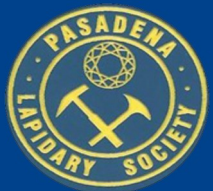
The island holds the world's only population of pink iguanas but they are not in immediate danger, officials say. The Galapagos National park said that the lava was flowing in a south-westerly direction. The iguanas share the habitat with yellow iguanas and giant Chelonoidis Becki tortoises, are on the north-west flank, which raises hopes that they will not be affected.



### 2014 All-American Club Yearbook

The Yearbook Committee submitted our 2014 Yearbook to the CFMS for judging this past February. Results are expected at the CFMS Directors Meeting in Lodi later this month.

The Yearbook has been posted to the home page of the Web Site - beneath the President's Message. Please take a few minutes to look at it and to provide comments to the committee at [pasadenalapidary@aol.com](mailto:pasadenalapidary@aol.com).



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## FIELD TRIPS

By Joe Goetz



Joe Goetz  
Field Trip Chairman

### Field Trips !

By Joe Goetz

#### Himalaya Tourmaline Mine June 20<sup>th</sup>



**Where:** The Himalaya Mine near Lake Henshaw in San Diego County, 20 miles east of Pala.

**Minerals:** Pink, green and watermelon tourmalines, quartz crystals, apatite, morganite, clevelandite, calcite, lepidolite, feldspar, stibiotantalite, topaz, and spessartine garnet.

**Details:** Easy access with light digging and sifting at a standing table. You can drive to within about 200 feet of the area, mostly on paved or maintained dirt road.

**Cost:** \$50 for adults, \$25 for children ages 13-17 and children 12 years old and younger are free.

**Reserve A Space:** Space on this field trip is limited to the first 30 people who confirm. A list of names will be on the list provided to the mine operators. Contact Mark Nelson to reserve your place. (909) 996-1784 or at [pasadenalapidary@aol.com](mailto:pasadenalapidary@aol.com). **More details are on the calendar page of the web site!**

..Somewhere in California. . . Joe Goetz



**Congratulations** to Ed Imlay for knowing that the May meeting date (May 19<sup>th</sup>) is the same date as the Society's incorporation in 1949.

**Congratulations, also,** to Jared Nishimura for knowing that those planning to collect at Jade Cove should wear knee protection and a hat.



### Editor's Quiz

**Juniors:** Why is it important to use caution when making jump rings with an electric drill?

**Adults:** What two kinds of artificial light affect the chrysoberyl mineral Alexandrite most dramatically?

**Answer to last month's bonus question:** The gem shown in the photo was the eye of a Cormorant bird !

The answers to this month's quiz can be found in this bulletin or on the Internet. The first Adult and Junior Members to correctly answer these questions will win a special prize at this month's Program Meeting. Email your answer to [pasadenalapidary@aol.com](mailto:pasadenalapidary@aol.com) or call the Editor.



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## FEDERATION NEWS

By Joe Goetz & Tony Fender

### CFMS - California Federation of Mineralogical Societies



Tony Fender

The big news for June is the CFMS show in Lodi starting on June 12th and concluding on June 14th. The show is at the fairgrounds and there is camping available at the fairgrounds. The show is being hosted by the Federation, so we hope that everybody will turn out to support the CFMS. It will feature dealers, exhibits and demonstrations, and this year our club will be represented by Sylvia Cliffe, Sandie Fender and myself demonstrating our various skills. I have tickets for the drawing which are available at \$5 a ticket or \$20 for 5. If you want any tickets, please contact me. The first prize is a beautiful amethyst carved pendant.

In September the Earth Science Studies classes will be held at Paradise in Northern California. These classes are similar to Zzyzx classes, but there are 2 weeks of classes compared with 1 week at Zzyzx. Information for the show and for Paradise can be found at the CFMS website ([cfmsinc.org](http://cfmsinc.org)).

I look forward to seeing everybody at Lodi!

**Tony Fender**

### AFMS - American Federation of Mineralogical Societies



#### Collecting Sites Closed

The AFMS reports the closure of two well-known collecting sites in Pennsylvania. The property owner has closed the Rossville malachite/azurite location in northern York County. The site is well known to collectors as it has been well advertised in books and articles since the early 1970's. From what I understand, the location has become dangerous due to over collecting. If anyone is seen at the site, the owners will notify proper authorities. The second site that is now closed to collecting is the St. Clair, Pennsylvania, fern fossil location. The fossils found at this location are very detailed white and sometimes yellow plant fossils on black shale. The representative of the owners of the property informed AFMS that overzealous collectors began bringing in power tools to collect, posting their trips and selling the fossils they collected via the internet. Let this be a warning to all to follow the AFMS Code of Ethics, to always heed quarry and collecting site rules and to not trespass on closed or posted areas. As a rockhound community, we must do everything we can to ensure that private sites remain open!



Nadine Ishizu needs our help to convince the Waldorf School to preserve the historic Craftsman house her family built in the early 1900's on the Kellogg Estate in Altadena, with the rare and endangered Torrey Pine the family nurtured. Sign the petition online. On the internet, search for "save-a-historic-japanese-american-home" or write the Waldorf School, 209 E Mariposa St, Altadena, CA 91001 — as soon as possible!

### June Program

If you enjoyed the instructional video at the June Program, it is available for purchase at these locations:

- Through the author, Nanz Aalund at: <http://www.nanzaalund.com/>
- Or at Rio Grande at [www.riogrande.com](http://www.riogrande.com)

**TIPS, HINTS AND SAFETY****Bench Tips by Brad Smith  
WINDING JUMP RINGS**

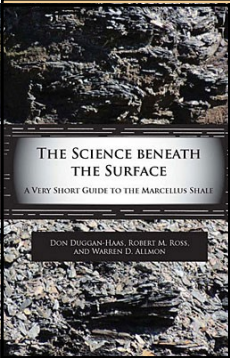
Whenever you need a few jump rings the same size, it's easy to grab a round rod and wind as many as you need. But when you need a lot of them, some form of winder

saves a lot of time. A variable speed screw gun makes quick work of winding the coils. Screw guns are quite inexpensive at discount stores and are remarkably handy for odd jobs in the shop and around the house.



To wind a coil, just bend a right angle on the end of the wire about a half inch long and insert this into the screw gun chuck. Then wind slowly, keeping a tight coil. I like to rest the end of the mandrel on the edge of the table

or bench pin. Finally, one note of caution. If you are winding an entire length of wire, be careful as you get near the end of the wire. If the end passes under your thumb, it can cause a nasty scratch or cut.



The Marcellus Shale — a vast rock formation that holds a huge reservoir of natural gas — is at the center of one of the most controversial natural resources issues of our time. This is primarily because of the unconventional method used to extract gas from the shale — hydraulic fracturing, or hydro fracking. This book, funded by National Science Foundation grants, reviews the major science and technology issues around this complex topic, offering impartial, evidence-based, thought-provoking information to help citizens decide what to do. Available at booksellers or on line.

*Thanks to Tom Traeger for the tip about this book!*

**"Nothing happens until something moves" .... A. Einstein****Maliakei Bags and Accessories**

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— Mary Kirmil —

Member, Pasadena Lapidary Society

**LOCAL ROCK AND GEM SHOWS**

6 - 7 GLENDORA: Annual show by Glendora GEMS at Goddard Middle School 859 E. Sierra Madre Avenue; Sat. 10am - 5pm, Sun. 10am - 4 pm; Admission is Free!; dealers, displays, demonstrations, food, silent auction; contact Bonnie Bidwell (626) 963-4638; e-mail: [Ybidwell2@aol.com](mailto:Ybidwell2@aol.com).

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



12 - 14 LODI: Annual show by California Federation of Mineralogical Societies Show at the Lodi Grape Festival & Harvest Fair 413 East Lockeford St.; Fri. 10 am-5 pm, Sat. 10 am-5 pm, Sun. 10 am-4 pm; Adults \$6.00, Children under 12 Free with adult; We will have Dealers with rough & polished Rocks, Gems, Minerals, Fossils, Beads, Craft Tools, Lapidary Equipment, Fine Jewelry, & more. Showcases, & Competitions Cases, Silent Auction, Raffles, Door Prizes, 5 Different Speakers, Kids Educational Activities, Lapidary Demonstrations, & Snack Bar. On Display will be the Golden Bear, Benitoite, Meteorite from Sutter Mill, the Raw Silver Collection and the Saber Tooth Tiger Smilodon. Web site: [www.cfmsinc.org](http://www.cfmsinc.org)

Please plan to attend one of the shows and businesses listed on this page, and wear your club badge, shirt or vest when you do! - Editor

27 - 28 CULVER CITY: Annual show by Culver City Rock and Mineral Show at the Veterans Memorial Auditorium; 4117 Overland Blvd.; Sat. 10:00 am-6:00 pm, Sun. 10:00 am-5:00 pm; This year the featured gem stone is Quartz Crystals. Admission and parking are free. Fiesta of Gems Show offers over 35 gem and mineral dealers. There will be classes throughout the week-end introducing various techniques of jewelry making. Web site: <http://www.culvercityrocks.org/fiesta.htm>

**Member - To - Member**

**From my collection:** Chocolate diamond, brilliant cut, 0.23 ct, for \$70. Jim Gersbach at 626-577-6773 or [tenomo@netscape.net](mailto:tenomo@netscape.net).

**From the show take down:** I am missing a Phillips screwdriver similar to this one. Has anyone seen it? Rex Nishimura 818-790-9972



Members are welcome to place a **FREE** message here for items or services wanted, for sale or for trade. Email submissions to: [pasadenalapidary@aol.com](mailto:pasadenalapidary@aol.com) or call the Editor.

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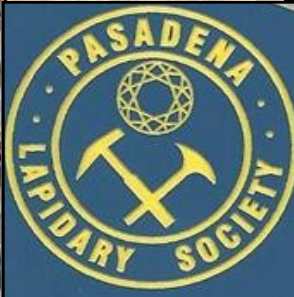
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JUNE  
2015

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

RETURN SERVICE  
REQUESTED



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.



This Yellow-Green star shaped Chrysoberyl gleams with its twin facets. It is also one of the category of minerals of which this month's birthstone is a brilliant member!



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.

# June 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 Full Moon 	3  Hug Your Cat Day	4 Board Meeting 	5	Remembering D-Day  June 6th, 1944
7 Glendora Gems Rock & Gem Show 	8	9	10	11	12 California Federation Rock & Gem Show Lodi, CA 	13 California Federation Rock & Gem Show Lodi, CA 
14 Workshop 	15	16 Program Meeting 	17  Ramadan begins	The War of 1812 	19  Emancipation Day 1865	20 
21 Father's Day  Summer Solstice	22	23  Final Surrender of the Civil War - 1865	24	25 Custer's Last Stand 1876 	26	27 Culver City Rock and Gem Show 
28 PLS PICNIC 	29	30 Napoleon Bonaparte dies 1821 		JUNE is named for Juno, the principle goddess of the Roman Pantheon. She is the goddess of marriage and of the well-being of women. She is the wife and sister of Jupiter. In ancient Greece she was identified as the goddess Hera.		