

ROCKHOUND RAMBLINGS

SEPTEMBER 2013

THE NEWSLETTER OF THE PASADENA LAPIDARY SOCIETY - PASADENA, CALIFORNIA



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Rock Carving has been used for millennia to honor the leaders of society, such as this carving in red granite on a shrine of Egyptian Pharaoh Nectanebo II in the British Museum in London. In the Americas rock carving, or petroglyphs, has been dated to between 9,000 and 12,000 years ago after the 2009 discovery of new rock art at Lapa do Santo in central-eastern Brazil. In Australia sites have been dated at 27,000 years old, and in other places as old as 40,000 years!



President's Message



Dear Members,

August has been a quiet month so far but soon summer will be over and school back in session. For some reason this triggers more activity! I guess it means the dog days of summer are over. This September we have planned an exciting workshop, a field trip to look for petrified whale bone

and show planning meetings.

Planning for our Pasadena show in March has already begun! The contract with the San Marino Masonic Center has been signed and dealer invitations have been sent.

Along with reserving the Masonic Center for the show we also reserved it for the Christmas party on December 14.

Speaking of signing contracts, some of the Board members went to the L.A. County Fairgrounds to watch me sign the contracts for the

use of the Fairplex and Sheraton for the CFMS Federation show May 30, 31 and June 1, 2014. The Show Committee will be meeting every other week for several months to keep ourselves on track. There are a lot of great ideas for the show. By the time you read this we will have our show theme and publicity will have started!

See you all soon!

..... *Marcia*

Marcia Goetz, President

Meeting and General Club Information

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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

August Board Meeting by Linda Nelson, Secretary

Officers present: Marcia & Joe Goetz, Carolyn Duncan and Linda Nelson.

Chairs & Members present: Chris Kyte, Ed Imlay and Mark Nelson.

Officers/Directors Absent: Jim Gersbach and David Kelty.

Marcia Goetz agreed to chair both the Club Show and the CFMS Show next year. Show planning meetings were set for 8/21, 9/4, 9/18, 10/2 & 10/16. The board approved purchasing additional tables and chairs for the Workshop.

Membership per calendar year is \$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.

Board Meetings: 7:00 PM on the second Tuesday of the month at One West Bank, 1 E. Foothill in Arcadia. All PLS members are welcome to attend.

August Program Meeting

At the August Program Meeting Carolyn Duncan showed a video entitled "Those Fabulous Thunder Eggs" about geodes and features which distinguish them from other nodules in general with a focus on Oregon specimens.

The display table held samples of geodes and Chris Kyte's array of glaucophane and barite from the July field trip.

Specimens of Peridot, the month's birthstone, were displayed and specimens given to those attending the meeting!

September Program Meeting

FLINT KNAPPING. James Bowden uses his background in archaeology and 29 years of experience to replicate the tool making techniques used by native American Indians from our local area.

James will start with one rock and craft it into three different tools! During the process he will reveal a whole different way of looking at rock and the primitive native lifestyle in Southern California.

Join us at the September 17th meeting!

Membership Information and Meeting Locations

Program Meetings: 7:00 PM on the third Tuesday of each month at the Pasadena Central Library at 285 E. Walnut Street. **Guests are welcome!**

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

Workshop and instructions are available to members from 9am to 5pm on the 2nd Sunday of each month in our well-equipped shop at 123 E. Montecito, Sierra Madre. Refer to pages 3 and 8 for classes and date confirmation. 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 direct 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.

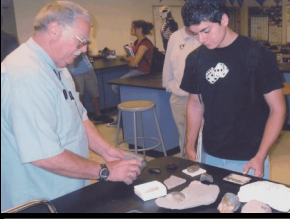


Ed's Corner

EDUCATIONAL OUTEACH

By Ed Imlay

Chair, Education Committee



Ed Imlay at a local school

For the September meeting's display table please display any items of general interest - such as workshop projects, material from locations of recent or upcoming field trips, rock carvings and the month's birthstone: Sapphire!

Rock 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?". If the interior of the stone is not evident, chip a small piece off or "window" it to reveal the interior (if it will not damage the appearance of the specimen).

To schedule a presentation to a group or school contact me by phone at (626) 286-8215 or by email at edimlay@hotmail.com.

WORKSHOP

This Month's Workshop Program: INTRODUCTION TO ROCK CARVING.



Ishmael Montes will demonstrate his rock carving techniques and display some of the carved items he has created from stone. Ish's particular technique developed after studying the ways of the Zuni Shaman. Many of his creations reflect the Zuni style, but much larger. He has displayed his creations extensively in Oregon, Washington, Colorado and in California.

Bring: Watch your emails for information regarding the program time and what tools and materials you can bring if you want to begin carving!

The workshop is a great place to learn a new skill, to make a cabochon, wire wrap, bead, socialize, cut your unusual rock, sell or trade your surplus rocks and equipment and get to know your fellow members!

Welcome New Members !!



Welcome to new members Ruth Cabrera, an administrative assistant, and Leilani Engstrom, a free-lance architect. Both of these new members created wrapped cabochons at the August Workshop. 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 Hailey Carter will talk about Common Uses For Not-So-Common Minerals. Don't miss it!

To be scheduled to talk about an interesting rock or mineral please sign up at the monthly meeting or email Carolyn Duncan.

Meeting Refreshments:



Martha Wilson and Briana Casay have volunteered to bring refreshments to the September program meeting!

Thanks to Cecilia Hernandez and Hana Ogita for August's goodies! Your favorite light snack or goodie helps to make the program meeting even more entertaining and interesting! Contact me at (323) 664-9598 or by email at mikekrose@roadrunner.com to bring something to a future meeting! Trudy Krose

We have a domain name and are ready to start the website design process. If you have knowledge of the software and technique for developing a website - WE NEED YOUR HELP ! Please let Mark Nelson, our editor, know that you can lend advice and expertise!



Please consider donating equipment and material to the club for use in the workshop! We need a faceting machine, polishing units, grit and trim saws. All contributions are tax deductible and appreciated! Contact Carolyn Duncan for ideas and questions about what you can donate!



Sunshine: Davis Coghill continues to recover from his surgery last month for polyps. Your wishes and prayers will help speed their return to our club activities!

Do you know anyone who is not feeling up to par, has been sick or lost a loved one? On the silver lining side of things, do you know who has achieved a goal, won a personal victory, or done something that deserves recognition? 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.



THANK YOU

The Eaton Canyon Nature Center in Altadena has donated a collection of rocks and minerals for the use of the Pasadena Lapidary Society! Carolyn Duncan received the gift from Helen Wong, the Regional Park Superintendent. Among the many labeled specimens were a selection of fossils, including horned coral and brachiopods. Dr. Robert Housley helped other club members sort and classify the minerals at last month's Workshop. Photo on page 5.



Carolyn Duncan accepted the donation from Helen Wong (left) on behalf of the





(Continued from page 1)

This year our club, on a field trip with the Whittier and North Orange County clubs, visited a prehistoric rock carving site in the Mojave Desert near Barstow.

While it is seldom that scientists are able to precisely date all such images, similar sites in Southern California have been dated from between 14,000 BC to 1800 AD. Without a written language, and texts left behind, it is often an educated guess as to the meaning of the rock carvings of these primitive nomadic peoples.



This is not the case for other civilizations in our Western heritage! The Egyptians used detailed carved objects to represent their religious deities and to honor their leaders as early as 3100 BC.



The Egyptian goddess Taweret - carved in 664-343 BC from red breccia. Taweret was a goddess associated with childbirth and was usually shown, as she is here at the left, represented as a pregnant hippopotamus with the face of a lion. The inclusions within the stone must have made this sculpture particularly difficult to work!

In America, much of the jewelry-quality stone carving we see is derived from the ceremonial fetishes of the people of the Zuni Pueblo, southwest of Gallup, New Mexico. The Zuni believe that the characteristics that live in each of these beings are transferred to the carving. You might recognize some of these popular carvings: Bear - healer, strength, introspection; Buffalo - strength, endurance to rise above one's weaknesses; Eagle - spirit, a connection to the Divine; Fox - camouflage, protection; Mountain Lion (north) - leadership, resourcefulness; Owl - wise, smart, patient; Ram - male fertility; Snake - a force in life, death and rebirth; Turtle - longevity, assures rainfall; Wolf - teacher, pathfinder on the journey of survival.

Photos in this article, other than as noted are by the Editor.



PLS Secretary/Treasurer Linda Nelson (purple coat) examines the carving on The Sacred Boat of Queen Mutemwia of Egypt (1400 BC) with in the British Museum. Queen Mutemwia's image is shown carved in the photo at right.



Zuni fetish bear.
Photo from Zuni Pueblo website.

Dobell Ranch Petrified Wood Holbrook, Arizona

Great selection and prices on petrified wood! Open daily!

AZ-77 south from the center of Holbrook. At the intersection of US 180, turn left for 12.6 miles. Turn left at a white sign for the historic visitors museum with a drawing of a female deer and a bell (Doe-Bell). Drive the old paved highway lined with petrified wood until it ends at the Dobell Ranch. Ask for Gordon Dobell or Tonya Black! Fill a 5-gallon bucket with petrified wood or select larger pieces for your own museum! A great weekend trip!



Tonya Black

Show this page or a copy for a Special Rock Club Discount!

Jewelry Making Classes



Take lapidary to the next level! Personal instruction to learn to set & wire-wrap stones, make your own wire link, head pins & jump rings. Acquire sawing, texturing, cold joinery and other basic silver metalsmithing skills!

Instruction is by Pasadena Lapidary Society member **Martha Wilson** though the Monrovia Adult School.

Classes are \$50 for 5 weekly sessions - plus basic tools & materials
Sessions are starting each month.

To enroll go to: <http://www.mcasweb.com> or call 626-471-3035



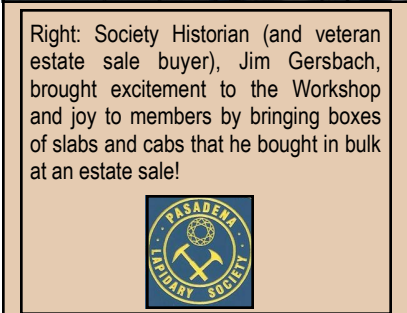
Workshop 8:45am

Metamorphosis

Workshop 9:45am



Left: Ed Imlay, Linda Nelson and Becky Fregoso classify the collection from the Eaton Canyon Nature Center for inclusion into the Society's educational program.



Right: Society Historian (and veteran estate sale buyer), Jim Gersbach, brought excitement to the Workshop and joy to members by bringing boxes of slabs and cabs that he bought in bulk at an estate sale!



L-R: Ruth Cabrera, Carolyn Duncan and Elizabeth Weston on an orientation tour of the new workshop.

Success Story

Ruth Cabrera, one of our two new members without previous lapidary experience, came to the workshop. There she selected a slab from our inventory, shaped it, polished it, and wire-wrapped it into a finished pendant - a complete project in one day!



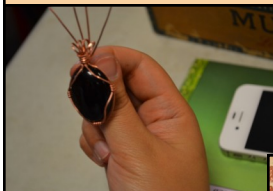
Right: Jim Smith and Eric Charlton work with the new Kingsley North polishing machines.



Right: Philip Lahr and Ralph Fregoso improve the wiring on Saw #2. Left: Becky Fregoso's wrapped pendant.



Right: Chris Kyte displayed natural and polished specimens from the July field trip.



Left: New member Leilani Engstrom showed her natural talent by wire wrapping a black onyx cabochon at the workshop class.

HAPPY 92ND BIRTHDAY

Alice Davis (center) celebrated her birthday week at our workshop. With her here are Gloria Biesterfeld (L) and Corinne Imlay (R).



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FIELD TRIP

By Joe Goetz

September Field Trip



Joe Goetz
Field Trip Chairman



This month we have planned an exciting trip to the Refugio Beach area to collect fossil whale bone! The plans are still in the works and we will notify all members by email once we have the plans firmed. Stay tuned!

Back To School

Geology

Name the three types of rock.



1. Classic
2. Punk
3. Hard



Congratulations to Chris Kyte for being the first member to respond that Chromite causes the black inclusions in Peridot.

There was no correct answer to the Juniors question.

Prizes were awarded at the August meeting!



Editor's Quiz

Juniors: In what year was the mineral stamp, shown on page 8, issued?

Adults: Baryte, or barite was displayed at the Workshop and meeting last month. What is the primary mineral that barite is composed of?

The first Adult and Junior Members to correctly answer these questions will win a special prize at the September Meeting. See Editor's email on page 2.

FEDERATION NEWS

CFMS - California Federation of Mineralogical Societies



The CFMS Earth Science Studies received a donation from Diamond Pacific of a 40th Anniversary Genie polishing machine. This Genie will be raffled at the CFMS Director's Meeting at Visalia in November. The tickets for the Genie are \$5 each or 5 for \$20. Joe Goetz has 20 tickets and can get more depending on our needs. Checks for the tickets should be made out to CFMS. We will have these tickets at the next general meeting and if they sell out we can take the information for those who want to order tickets.

Would you like to receive the CFMS Newsletter by mail? The CFMS Newsletter is published 11 times a year. Subscriptions are \$5.50 per year, January through December. Not Prorated. Send your check to California Federation of Mineralogical Societies, PO Box 1657 Rialto, CA 92377-1657

AFMS - American Federation of Mineralogical Societies

Plan Ahead!

- 2013 AFMS Convention & Show
- Sept. 18-22, 2013 - Jacksonville, FL
- Sept. 18 - Uniform Rules
- Sept. 19 - AFMS Annual Meeting & Scholarship Foundation Meeting
- Sept. 20-22 - Show
- Sept. 21 - Awards Banquet
- Sept. 22 - Breakfast with Editors & Webmasters

THE OTHER SIDE OF THE ROCK

- Geologists don't wrinkle, they show lineation!
- Old geologists never die, they just recrystallize.
- Some jokes just fluorite over my head
- Geologists will date anything.
- Geologists can be very sedimental"
- Geologists never lose their luster!
- Geologists Dig Mother Earth
- Kiss a geologist and feel the earthquake.



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www.farrinconnordesign.com/classes

Or call them at (626) 796-5300. Free fenced parking.



Treating Soft Rocks

By Richard Peterson
Timpanogos Gem and Mineral Society

There is a way of saving softer rocks and some fractured rocks and I will try to explain it to you the best I can. This is the method I have used - and it works to a point. In using this method you must do it outdoors and in an area where it is clear of fire hazards. As I explain this to you, you will soon see why!

Items needed are:

- A heat source - I use a camp stove.
- Next - an old clean pan, about two quarts - more or less. Remember you are going to completely immerse your rock in a liquid.
- Next - one pint of acetone and one box of 330 epoxy. Remember you can increase this if you want to do a larger amount.
- You will also need a lid that will fit over the top of the pan.

Next - light your stove (or you can use a hot plate if you like), pour your acetone in your pan, put on heat...and here is where the danger comes in...fumes will come off the acetone and can catch on fire - and will some of the time. This is where the lid comes in, if a fire starts - put the lid on the pan and it will go out. So always pick a safe area!

Next add epoxy, both tubes, stir well with a stick or something. **DO NOT LET THIS MIXTURE BOIL.** Just warm real well. Put your rock in anytime (and if you preheat it, it will work even better). Soak in the warm mixture for 3 or 4 hours, let cool but leave in mixture for 24 hours. Take out and let dry. This mixture will only work on small amounts of rocks.



Boy, 12, unearths 5.16-carat diamond at Arkansas state park

Reported by Fox News

While on vacation with his family at Arkansas' Crater of Diamonds State Park Michael Dettlaff found the honey brown diamond on July 31 after searching for less than 10 minutes - park officials said Saturday. Michael found the gem in an area of the park where the 15.33-carat Star of Arkansas diamond was found in 1956. His father was still renting mining equipment when he discovered the diamond and it is the 27th largest diamond found by a park visitor since the site became a state park in 1972. The largest diamond ever discovered in the United States was unearthed at the site in 1924 and weighed 40.23 carats.

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LOCAL ROCK AND GEM SHOWS

August 30 - 1: PASADENA: International Gem and Jewelry Show. Pasadena Convention Center, 300 East Green Street, Pasadena, Friday 12PM-6PM, Saturday 10PM-6PM, Sunday 11PM-5PM. Our MILITARY RECEIVE FREE ADMISSION: As a "thank you" for their service, The International Gem & Jewelry Show offers free admission to all active duty military and veterans with current military identification (offer includes immediate family). Thank you for your service to our country. <http://www.intergem.com/shows>.

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



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

September 7 - 8: DOWNEY. Delvers Gem & Mineral Society at the Women's Club of Downey - 9813 Paramount Blvd. Hours: Sat 9 - 5; Sun 10 - 4. Contact: Nancy Bird (562) 697-0636 or Jon Fults (714) 846-7548. Email: nancybird@verizon.net.

October 2 - 6: JOSHUA TREE. Hi-Desert Rockhounds at the Sportsman's Club of Joshua Tree; 6225 Sunburst St.; Daily 9-6; free admission; rocks, minerals, jewelry, gold panning; contact Roger Thompson, (760) 902-5340; e-mail: rogerthompson@mac.com.

Member - To - Member

Club members can post items for sale, trade or wanted in this section free of charge. Provide information to the Editor by the 10th of the month to have them included in the next issue.

- (7) EZ Flow II Furnace/AC filters. Size 14x25x1. \$1 each or trade for rocks. Mark Nelson mnelsonair@aol.com. 909-996-1784. Don't forget to change your filter before Summer and Winter seasons and when they appear to have a build-up of dirt. A clean filter makes your heating and cooling work more efficiently.

Items will be for sale by our presenters at this month's program meeting and workshop. A great opportunity to acquire art directly from the artist!

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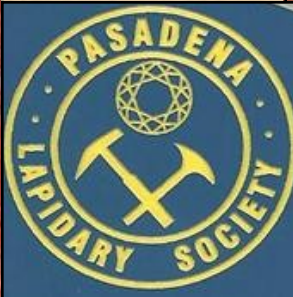
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First Class Mail

**SEPTEMBER
2013**

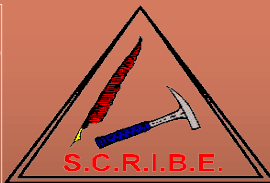
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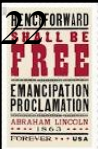
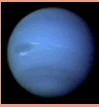


OUR MISSION

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



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

September 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p>1 Tarzan Of The Apes creator Edgar Rice Burroughs born this day in 1875. The postage stamp on this page honors his books.</p> 	<p>2 Labor Day Holiday</p> 	<p>3</p>	<p>4 Show Planning Meeting</p> <p>Rosh Hashanah 4th - 6th</p> 	<p>5</p>	<p>6</p> 	<p>7</p>
<p>8 Workshop</p> 	<p>10 National Rock Collecting Day</p> 	<p>10 Board Meeting</p> 	<p>12 Patriot Day</p> 	<p>13 Yom Kippur</p> 	<p>14 Holy Cross Day</p> 	
<p>15</p>	<p>16</p>	<p>17 Program Meeting</p> 	<p>18 Show Planning Meeting</p>	<p>19 Full Moon</p> 	<p>20</p>	<p>21 POW/MIA</p> 
<p>22 President Lincoln Orders Emancipation, ending slavery in the U.S. - 1862</p> 	<p>23</p>	<p>24 Planet Neptune discovered 1846</p> 	<p>25</p>	<p>26 U.S. Postal Service founded in 1789</p> 	<p>27</p>	<p>28 California discovered by Portuguese navigator Juan Rodriguez Cabrillo upon his arrival at San Diego Bay.</p> 
<p>29</p>	<p>30</p>			<p>Show planning meetings will be at 6:30pm at the One West Bank on the north-east corner of Santa Anita Avenue and Foothill Boulevard in Arcadia. All members are invited to be a part of this exciting planning process!</p>		