

“CUTTING REMARKS”

The Official Publication of the Old Pueblo Lapidary Club
520-323-9154

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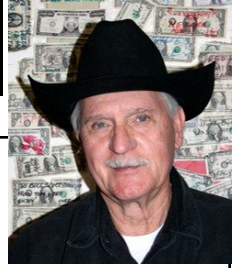
Wayne Klement 954-6298

Please join us on July 9th
for the next monthly
meeting. There is an
optional social hour that
begins at 8:00am followed
by an educational program
at 9:00am, followed by the
monthly meeting. Visitors
are always welcome.



Articles or news to be included in the *Cutting Remarks* should be emailed to your Editor, Wayne Klement (wayneklem@aol.com), or feel free to call him at 520-954-6298. Submission deadline is the 20th of each month. Thanks!

THE PREZ SEZ by Pete Peterson



Well, fellow rock hounds, summer has arrived and hit us between the eyes.

Hot weather, no rain, high winds, wild fires, and critters (snakes) make rock collecting a real challenge.

Soooo why not enroll in a class at our club? Enjoy learning a new skill (in air conditioning). This time of year is a little slower so you will have plenty of space to work. The classes are smaller and you will get more individ-

ual attention with an instructor .

We are in the planning stage for relocating and increasing the size of the cabbng room. The tentative plan is to remodel the east end of the education center, where the storage and saw rooms are now located. No final plans or costs as yet, just ideas and estimates. There will be more to come on this subject later.

Most of our officers will not be here for the July meeting,

so I leave you in the capable hands of Vice President, Bill Carmody. Look on the front page of Cutting Remarks for details.

Be safe, stay hydrated, better yet, go to an air conditioned rock shop to collect rocks.

Remember, bring your cans to the club and also, your Show and Tell stuff.

Pete

WELCOME NEW MEMBERS

Rivers Carpenter

Cary Dougherty

Kevin Horstman

Carol Crawford

JUNE MEETING MINUTES By Pat McMullen, Secretary

President Peterson called the meeting to order at 10:00 a.m. and a quorum was present.

No speaker was available this month but if anyone has an idea for a speaker please contact Bill Carmody. Trying to find a speaker for each month is very difficult and if any member has something in mind, Bill would be interested.

New members were

introduced and they were: Terry and Sue Dougherty, Rivers Carpenter and Renui Mitel. Welcome to all the new members.

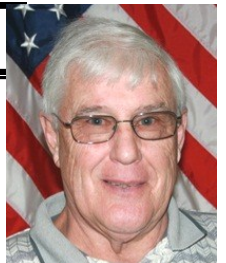
The minutes of the last meeting were approved and passed.

Treasurer Diana Hara reported that the treasury is in good shape. Those aluminum cans are an important contribution so

bring them in for recycling; it's the right thing to do.

Pete declared the cleaning "excellent" and asked all present who participated to stand for a round of well-deserved applause. The display cases are now in place and lighted for better viewing.

We can now see what is being displayed and it looks
Cont'd top of next page



Cutting Remarks, Volume 2011, Issue 7, July 2011. Published monthly by the Old Pueblo Lapidary Club, 3118 N. Dale, Tucson, AZ 85712. Telephone: (520) 323-9154, a non-profit organization.

**.... June Meeting Minutes
Cont'd from prior page...**

wonderful. Well done to those who made it happen.

An unfortunate incident took place when a monitor opened the lab area for two members then left them alone, without supervision.

The two members were left to close up the area after finishing and locking the gate. Pete said this was totally unacceptable. He will be talking to all monitors and instructors to be sure this does not occur again.

The next item of business was the trip to Phoenix to view the lapidary equipment for sale at the Historical Museum. Board members felt the logistics of purchasing the equipment were enormous. It was noted the condition of the equipment was in question as none of it was set up to run or be tested. One condition for the sale was that the equipment needed to be moved by July 1st 2011. Hauling would have to be arranged with some moving company and then locate a place to store the equipment until we had an adequate facility to put the machinery in use. We would also be left

with trying to get rid of the equipment not actually needed that does not fall within the OPLC business. A letter will be sent to the Historical Museum letting them know we will not be bidding on the equipment.

On the next order of business the Board discussed making improvements to the lapidary facilities. Remodeling the old storage area next to the saw room would give a much larger work area to accommodate more members. To accomplish this would cost about \$10,000.00 and an outside contractor would be used to completely redo the electrical system, adding a new power box.

Bill Carmody brought up an ad found in Rock and Gem which called for refurbishing Nova wheels as opposed to continually buying new wheels. The cost for Geni wheels is \$20.95 and \$39.95 for Titan Wheels. The cost is very moderate and could be a good choice for us. Bill is going to follow up with the company for more details.

Pete noticed our website needs some editing and updating. Board members

were given a copy of the wording and asked to review what we currently have and notate changes that may be necessary. Members who have any comments please contact Wayne Klement, Bill Carmody or Pete Peterson; your help would be appreciated.

Bob O Donnell, Field Trip Chair, will have a report for the membership at the next meeting on upcoming outings.

Pat McMullen was asked for a report on the kitchen. "Its clean now" was the reply.

Wayne Klement membership chair announced we have 76 couples, 4 juniors, 115 singles, 13 honorary/lifetime, 1 special and 29 businesses/organizations are on the mailing list.

Ray Brown will give a tour of the club facilities after the meeting.

Show and tell participants were Jenney Coniglio, enamel coated copper wire necklace and Bill Cascio, jewel box and album.

The President adjourned the meeting.

The door prize was won by Carey.

THE GREAT TREASURE HUNT

In the years shortly after moving to Tucson, Art Kavan started writing a series of anecdotes describing some of his Arizona adventures as he can. Here's one he calls The Great Treasure Hunt.

It starts, "My daughter-in-law had a new baby and as is the custom in her family, the mother and father come for a week or two and help her out. The father, who is named Arthur like myself, has a similar interest. So, when he knew he was coming, he wanted to know if I would take him to Aravaca treasure hunting with gold detectors. I hadn't been out in the mountains for a couple of years but I thought it would be great, I knew of an old Spanish village that is so remote the coyotes can't find it. Oh, I forgot to mention he is seventy years old and I am now sixty. Anyway we get the date set and it comes, I pick him up in my four-wheel drive and we head out. The first stop is the grocery store to pick up a couple of hoagies for our lunch and then it's the highway for a seventy five mile drive to Aravaca, life is good, all is well! From Aravaca we head south and get off the beaten path to pursue our endeavors (big words for me) and things are starting to look familiar. About this time Art starts complaining that he has to go number two and I better stop or he is about to have an accident. I tell him to hold on for a few more miles as I'll stop at this old black mans camp, I. finally get there and I never seen a seventy year old man move so fast, he ran over the hill and out of sight, I figured he didn't want me to hear any screaming or unfamiliar noises so I wandered around looking for interesting rocks and

killing time. Hell, talk about time, I thought he must have taken the Sunday newspaper with him. I thought it was getting around lunch time, but I finally seen him coming up the hill and he had his treasure finder with him, I half expected to see the roll of toilet paper dragging behind him but, no. After I gave him a little history of this black man's camp, we got in the car and continued on. We went through several gates and the road kept getting rougher and rougher, just as I remembered it. We were driving down a wash and I pointed to the black mans four-wheel drive still upside down in the wash after he got caught in a down pour and he lost his vehicle. But escaped with his life, never to return. We stopped at an Old Spanish mission that was later turned into a ranch and I pointed out to him where the Indians used to camp in order to get food from the mission. Now, the Spanish village was only a mile away. I went up this wash that was the wrong one and we had so much debris like tree branches and brush on the windshield that we had to stop. I said lets walk and take our gear with us. Well, after three quarters of a mile through thick brush and past several beehives that Art was concerned if they were killer bees, which they probably were, I convinced him that at a temperature of sixty I didn't think they would attack. They sure were making a lot of noise and I think it was for them to keep warm. They didn't bother us the whole day. We finally made it back to the car and continued back and this time I found the right wash and up it we went, it started getting

Cont'd on top of next page

..Treasure Hunt Cont'd from prior page

very rough and I put two big dents on the passenger side of my blazer, then as we were pulling into the village it was really rough and Art said you better go that way and I said no I am going this way. He was right, as when I went my way, I gunned it to jump over these nasty rocks and the trailer hitch hit so hard it blew my back window out. Darn, now I got to replace the back window. I thought what the heck with all the gold we are going to find, no sweat. I've been a bottom feeder all my life and now is the time for the big find. I went to this one house I figured was the general's and noticed a pack rat nest in the fire place, so I started tearing the fireplace apart as packrats are known to pick up shiny objects as in gold and silver. So, after taking it apart, no small task, Art said he was afraid of snakes and wandered off on his own. I took a shovel and dug like hell all the while using my treasure finder to check things out. I worked about two and a half hours and found a couple of square-headed nails and one piece of a bullet. Somebody didn't inform these uneducated pack rats what they should have been doing

the last three hundred years. Well, I rounded Art up and said lets try a little gold panning as the creek had a good flow of water in it. After an hour of that crap, it was time for lunch. First I removed most of the broken glass from the back of the Blazer, then we moved about a half mile away where I knew of an old Celtic house up a close by wash. We stopped and ate lunch and I could feel my body cramping up a little. Art said there was no way he could go any further and he was done walking. I said this house is neat to look at and not to far, but he insisted he wanted to stay seated in the car but it was all right if I went. So I headed out, as I wanted to see the Celtic place again. I finally found it and it was a good thing Art didn't come with me as it had deteriorated so bad that it wasn't very impressive and I would have hated to see a seventy-year-old man cry. As a last effort I tried my gold finder for another hour and finally gave up. So it worked out this way, treasure finder 400 bucks, new window that I installed my self 131 bucks about 25 for gas and another 15 for miscellaneous. All that and I'm still a bottom feeder, oh well I had fun!

ART

THANK YOU FOR THE DONATIONS

Bill McCormack: donated an 8 inch lortone saw with stand .

Janelle Cortright: donated a miniature lathe and wax for the casting room.

Alan Romey: donated a bull wheel buffing set-up with 2 wheels.

Mark Gibson: donated a Graves Mark IV faceting machine w/laps,dops & extra parts, 80-100 lbs of Petrified wood, Harvard trip scale, magnifying glass, mirrors, lens for an Optivisor, turquoise cabs, findings, tools for fabricating silver, display stands, parts for making clocks, diamond compounds, two saw blades for 6" saw, books on faceting, turquoise stones, silver, amber, assay globs, rough for faceting, and a jeweler's desk!!!!

A big **THANKS** for keeping the Club in mind.... It's a big help.

What is the streak test and how is it done? Via DELVINGS

There are a number of physical tests that mineralogists do to an unknown mineral specimen to determine its identity. The physical tests are hardness, color, luster, cleavage, fracture, acid test, magnetism, and the streak test. What is the streak test and how is it done? The streak test is a simple test. You will need a piece of unglazed porcelain. "Streak plates" can be purchased, but it is cheaper, and easier, to find an old bathroom tile. You will use the side of the tile that is dull and rough (the back side of the tile that is usually attached to a wall or floor). Take a piece of a mineral and firmly rub it across the porcelain. Now look at the mark you made on the porcelain. The color of the mark is the streak of the mineral. The streak is actually the color of a mineral when it is ground into a powder. The streak of most minerals is not a surprise. Gypsum, calcite and fluorite all have white streaks. The blue copper mineral azurite has a blue streak. The green copper mineral malachite has a green streak. Two minerals have streaks that are so distinctive that they can be used to identify these minerals. The first is pyrite (Fools Gold). Pyrite always has a dull, dark green streak. The second is hematite (blood-red "kidney ore" hematite). Specimens of hematite can be deep blood-red, black or silver. Regardless of its color, hematite's streak is always deep blood-red. Minerals that are harder than 7 are too hard to leave a streak on a streak plate. In this case you can note that the mineral has "no streak." If a mineral is hard enough, it will actually scratch the streak plate! It is easy to think that it left a white streak. Wipe away the streak and look very closely to see if the specimen scratched the streak plate or left a white streak. This is a simple test you can do on your own. Test different minerals and record the streak you find for each. Don't do this test on your good specimens. Use very low quality pieces to do the streak test. With permission from; Diamond Dan Publications Via "Ghostsheets" 5/2010 www.diamonddanpublications.net via Moroks Newsletter July 2011

Meet new members Cary Dougherty and Rivers Carpenter



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Ad Expires Feb 2012

Enhanced, Treated, Heated, Dyed, Stabilized, Created, and Irradiated - Are They FAKE????

by Deborah Pfianz

Gemstones and semi-precious stones have been fiddled with for centuries to make them 'more' colorful, more eye catching, and easier to work. This does not make them 'fake', however one should know what some of those terms and treatments mean.

Heat Treated: this is the most common treatment and is as old as fire. Humans heated agate and jasper so as to be able to knap the stones for tools. Humans also heat gem materials to enhance, clarify or create color in a stone. Amethyst is heated for citrine and ametrine. Zircon is heated to clarify the stone to clear white. Sapphires are heated to get the most amazing pinks and blues. Tiger Eye is turned blue or red. Carnelian turns orange-red. Aquamarine may go from green-blue to blue. Rubies may lose a purplish tint. Iolite may be turned a deep blue. It is also used to enhance the 'color change' gems such as tanzanite.

Dyed: this is also a very common practice. Agate is dyed to get fancy pinks, purples, orange and blues – eye catching and very saleable. Chalcedony is often dyed; black is sold as onyx and green is sold as chrysoprase. Howlite is often dyed to look like turquoise, lapis, socialite and harite. Turquoise and jadeite are often dyed to enhance the natural color. Alabaster, coral, banded calcite, and marble are dyed to enhance their color or to imitate other semiprecious stones.

Irradiation: while topaz is currently the most commonly irradiated gemstone (to get various shades and tones of blue) this is also how one gets those fabulously colored diamonds. In fact diamond was the first gemstone color treated with radiation.

Stabilized: Opals are often stabilized - either by filling such as with Opticon resin (or similar agent) or by capping either as a doublet or triplet. Emerald has a long history of fracture filling due to its popularity and its tendency to be highly included and fractured. While natural oils have traditionally been used for fillings and stabilization, modern synthetic resins are now being used, such as Opticon, which are more permanent than the natural oils were. Turquoise and coral are also stabilized in such a manner so as to make them a bit more durable.

Created: this is a touchy subject. Much like farmed pearls are real with a center of plastic or mother of pearl rather than sand. Still real, still a pearl just helped to grow by a human. Laboratory grown crystals of ruby, sapphire, diamond, emerald, and star sapphire are real semiprecious stones. They just weren't grown in the earth. So what is the answer: Real or Fake? This 'real vs fake' can be argued with all sides being technically correct. That is not the most important information one can have. The really important bit about this from a lapidary or jeweler's point of view is disclosure. Does one know up front that the stone you are getting has been 'helped along' by the human touch? Do you as a lapidary artist, gemsmith, jeweler or Draftsperson know what you are using? The beauty and art that we create with these stones is being helped along by our touch, much as it was to first get our attention. There is beauty in the knowing - be sure to share with those around you.

Source: Strata Gem 4/08 via Rock Chips Apr 2011

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Ad Expires June 2012

DON'T FORGET

Please don't forget to continue to bring in **YOUR** (or anyone else's for that matter) aluminum cans to the Club for recycling. Your contribution would be greatly appreciated to help add \$'s to the Club's treasury. **Thanks!**

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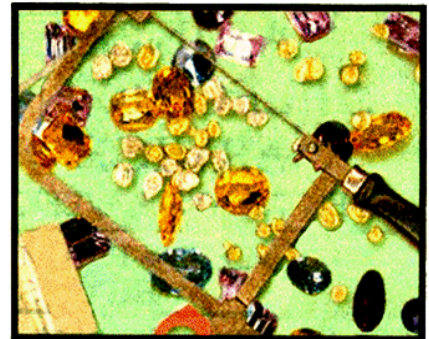
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- **Colorwright** - Amount of discount depends on item(s) being purchased. 520-623-3874
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- **Jay's of Tucson** - 30% discount excluding orange tag items, sterling silver sheet and wire.
520-323-1123 (corner of Speedway & Swan)
4627 E Speedway, Tucson
- **Jed's Rock Shop** - 20% on all items. 520-882-6044
6275 N Sandario Rd, Tucson
- **Copper City Rock Shop** - See ad in this issue. 10% discount with ad. 928-425-7885
566 Ash, Globe, AZ 85501
- **Kent's Tools** - 10% 520-624-8098
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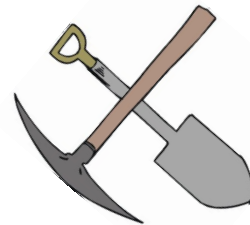
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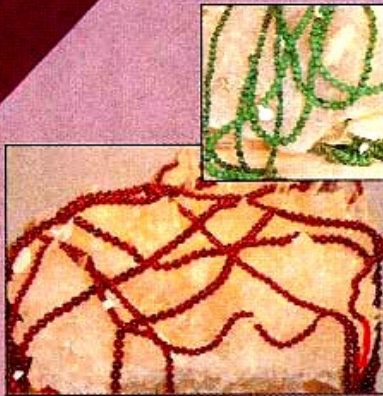
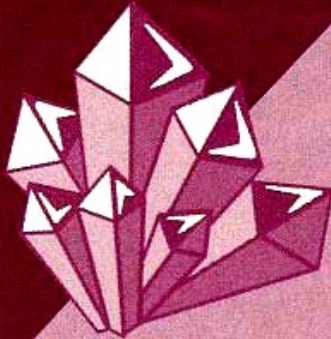
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Ad Expires March 2012

WEEKLY WORKSHOP SCHEDULE Phone 323-9154

Mondays

1PM - 4PM **Faceting Guild** (Exp. Facetors Only)
Monitor - Paul Head 296-0331

1PM - 4PM **Silversmith Lab**
Monitor - Terry Cox 296-4949

(Note: Lou's last day was June 7th. He'll be back September 7th)

6PM - 9PM **Beginning Faceting**
Monitor - Earl Zoeller 886-3518

Tuesdays

9AM - Noon **Cabbing**
Monitor - Ron Davidson 749-3157

9AM - Noon **Silversmithing Lab**
Monitor - John Poole 777-5588

10AM - 1PM **Rock Sawing**
Monitor - Jim Baker 886-2126
(Call before showing up at the Club)

6PM - 9PM **Silversmithing**
Contact Ray Brown 390-5667

Wednesdays

6PM - 9PM **Beginning Casting**
Monitor - Chuck Lundstrom 577-6446

6PM - 9PM **Cabbing**
Monitor - Keith Haubert 784-8283

Thursdays

10AM - 1PM **Rock Sawing**
Monitor - Jim Baker 886-2126

Fridays

~~9AM - Noon Cabbing~~
~~— Monitor — Dan Harmsen 721-8452~~

NOTE: Last lab for the winter was May 20th. Lab will resume October 7th !!!!!

Saturdays

9AM - 2PM **Rock Sawing**
Monitor - Jim Griffin 578-3765

10AM - 3PM **Silversmithing**
Monitor - Ray Brown 390-5667

10AM - 3PM **Cabbing**
Monitor - Ron Davidson 749-3157

COMMITTEES

ADVERTISING

Jean Barkley 546-1651

BUILDINGS, GROUNDS & EQUIPMENT

Ron Davidson 749-3157

Dave Arens 749-2413

CLASSES & PROGRAMS

Bill Carmody 760-8598

FIELD TRIPS (COMMITTEE)

Jerry Behn

Bob O'Donnell 886-0384 (Chairperson)

Shiela Powell 578-1976

Al Romey 325-7263

HISTORIAN

Twink Monrad 297-9454

JUNIOR EDUCATION

Gretchen Arnaiz 747-1511

Sheila Powell 578-1976

KITCHEN

General Membership

LIBRARIAN

Susette Flemings 741-2275

MEMBERSHIP

Wayne Klement 954-6298

SECURITY

Ron Davidson 749-3157

SILENT AUCTION

Dan Harmsen 721-8452

Old Pueblo Lapidary Club
 (Cutting Remarks - Jul 2011)
 3118 N. Dale
 Tucson, AZ 85712
 (520) 323-9154

OPLC Membership Application - Please Print

Name1 _____ Name 2 _____ Date _____

Local Address _____

City _____ State ____ Zip Code _____ Phone number (____) _____

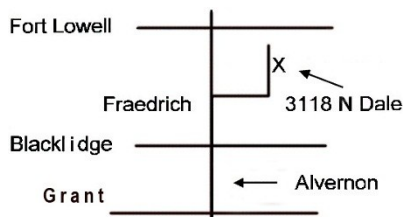
Email address _____ Summer Dates: From _____ To _____

Summer Address _____

City _____ State _____ Zip Code _____

Type of membership:	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Annual Renewals
Single Member	\$25.00	\$20.00	\$15.00	\$10.00	\$20.00
Couple (same address)	\$35.00	\$27.00	\$22.00	\$15.00	\$25.00
Junior	\$12.50	\$10.00	\$7.50	\$5.00	\$10.00

Mail to: Membership Chairperson, Old Pueblo Lapidary Club, 3118 N. Dale, Tucson, AZ 85712



The Business Meetings are held on the 2nd Saturday of each month. A pre-meeting social hour (except for the December meeting) is at 8:00 a.m., followed by an educational program, and ends with the monthly meeting. Visitors are most welcome.