

"CUTTING REMARKS"

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

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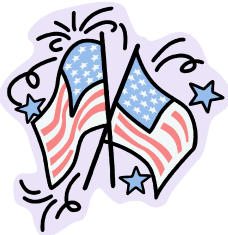
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Please join us on July 12th
for the next monthly
meeting. Optional social
hour begins at 8:00 AM,
followed by the educational
program at 9:00 AM,
followed by the meeting at
10:00 AM.



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 25th of each month. Thanks!

THE PREZ SEZ by Bill Carmody



As I write this, June is all but gone and summer has begun in earnest. About the only one who will go rock hounding with me in this heat is Billy Bob – so glad he is back from Georgia.

Speaking of trips, I just got back from one with Danny. We went over to Las Vegas, then to Jackpot, and on up to Moscow, ID. We probably funded a couple of bullet-proof window shields for some mob guys in Vegas and Jackpot with our inept gambling. We found some jasper that was described in the rock book as much prettier and more abundant than what we actually found. We also found geodes which seemed plentiful. The ones already broken open by previous visitors to the site were extremely and exceptionally ordinary inside. We will wait to cut ours open to pass final judgment on them.

We engaged tools of ignorance (Danny describes all instruments used to engage in manual labor as tools of ignorance) to dig for and extract limb casts. My understanding of limb casts is that they are petrified wood where the bark shape and texture remains intact on the outside and the wood inside is replaced by agate or jasper. We got several of these pieces from dirt that contained a lot of volcanic ash. It was hot and dirtier than usual so we quit and went back to Jackpot and put new wipers on those new windshields. (I

looked up limb casts on the internet. The prices for some of those ordinary pieces made me wish that we had brought in backhoes and spent a week there. Thirty dollars each for small pieces!) The next stop was Lewiston, Idaho where we picked up Heather and Hannah Rouse. You remember Hannah, our Club's youngest Rockhound (see February 2008 newsletter – she is looking for rocks in the kitchen cabinets). In the Moscow and Troy area, we went to an old mica mine and then to a mine for garnets. We did quite well and we are calling them 6-star garnets until we make cabs and are proven wrong.

Our next stop was to be Delta, UT. Well, we did stop there – briefly. The Best Western went up in price and only had smoking rooms available. The other motels each came with separate stories we will save for when you ask about them. Plus it was just plain hot. We changed our plans to, which I have come to think of as, funding the education of the Native American children of the southwest. We went to Mesquite, Nevada to gamble and gamble and ran into Donna and Jim Pugh. We went to the Mesquite Museum for a little local background and ran into some interesting characters. It turned out that Tuffy Ruth who I talked with was the TNT man

who blasted the Virgin River Gorge through for I-15. He said his dad was an Arizona Ranger. I said, "Like the stranger with a big iron on his hip?" He said, "Not like, he was the one Marty Robins was singing about." It seems his dad knew Marty and told him it was a good thing he could sing because he was a lousy



Pete Clayton, Donna Pugh, and Tuffy Ruth

cowboy. Donna went off on her own the next day looking for petroglyphs they had told her about. She says she didn't find the Indian art but came back with three shopping bags of discarded beer cans she found. "They're 83 cents a pound, man, and the Club needs them" she exclaimed.

I seemed to have gotten away from the Club stuff here this month. But, then again, I had gotten away.

Remember, always practice safe road-tripping.

Bill Carmody

JUNE MEETING MINUTES By Jenny Coniglio



The meeting opened with greeting “new members” Deborah and Phil who joined about 6 months ago but haven’t attended a meeting. However they have gone on a rock hounding trip with the Club.

Mike Stevens is also a new member interested in learning silversmithing.

Gretchen reported that the New Pueblo Middle school was given tumbled rocks, a book about mining and other related items by our Club. She said that she has talked to a total of 700 children at the schools. They wanted her to tell the Club “Thank You” for all our donations to the students.

Danny Harmsen has been busy tumbling rocks for Gretchen for school programs and some for other uses for our Club.

Diana Hara’s has some of her neighbor’s lapidary equipment and rocks which she will be selling from her trunk after the meeting.

Donna Pugh reported that Sylvia Czayo is home again after her operation. Sylvia thanks Club members for all our prayers and cards.

There is a very nice article about Art Kazan in the Lapidary Journal’s “Jewelry Artist” magazine.

The Tombstone Mineral Show will be held next weekend.

New Business: Rim Tallat-Kelpsa announced that the annual Bisbee Turquoise Hunt will be October 3 and 4. It

will be \$25 to participate; a bus will take rock hounds to a newly dug site to be used for road construction.

Our Club will have a locked box for keys, thanks to Merv Peterson. It will be mounted inside the club house closet and only 2 people will have access to it (Jenny Coniglio and Melinda Thompson).

Bill Carmody summarized the results of the June 6 Board meeting: The Board voted for the Club audit to follow these procedures:

The committee will be comprised of Shiela Powell, Ted Rupp and Skip Barkley, with Treasurer Melinda participating. Our thanks go to Donna Pugh for organizing the Club’s books so well years ago making an audit quick and easy to execute. Donations: Currently rock and equipment are received and sorted primarily by Danny Harmsen. He lets another Club member know of the intended donation, thus making sure that the donation gets properly used. An inventory of our major equipment needs to be done for our report to the Corporation Commission. Diana Hara will head up this activity in the fall when it is cooler. Jean Barkley, Heather, and Bill volunteered to help Diana.

Money from the Silent Auction (to be held the first Saturday of November) has been monitored by Murray Hiller during the auction, and the total monies received should be counted by 2 people at the end of the day. This also should be

the procedure for meeting raffle monies. It was noted that Home Depot’s three donated \$25 gift certificates that were given to the Club are still available for use. Murray has only used a little of the money for Club repairs.

Lab cards are to be used by active members only.

The roof repair is almost complete and Ron Davidson welcomed Frankie’s offer for help in completing the job.

Melinda reported that we have many white Lapidary Club T-shirts left. They are \$12 each.

Rim Tallat-Kelpsa was asked about the Rosemont Mine proposed trip. He reported that there has been no digging in this new mine yet – probably it will start in 2010, at which time we might consider a rockhounding trip. He anticipates that the Ray Mine might be a good spot for a trip in October or November.

Chuck Lundstrom will start another casting class in early July. Contact him if you are interested.

Abe Lackow is still teaching individualized silversmithing classes. Call him if you are interested in getting one-on-one instruction for several hours on one day.

Winners of the jewelry contest this month were the team of Skip and Jean Barkley with their group of 4 cabachons. Congratulations Skip & Jean!

THE STORY OF MONTANA AGATE

It has always been a mystery how the peculiar little scenes got inside a rock as hard as agate. It is the claim of geologists that the spots were caused by infinitely minute seams or fissures in the softer parts of the rock being filled with metallic oxides when the world was young. These oxides created four different colors that form various combinations of color when blended together, or appear in single colors in each rock.

The red color is oxide of iron, the black oxide of manganese, the green oxide of copper, and the blue is oxide of nickel. This theory has been elaborated upon by the help of high powered microscopes which show the tracings of little canals so tiny that the naked eye could not detect them, but the oxides remained, staining the rocks in wonderful designs. The fernlike and branch effects of the trees, grass, and shrubbery come from the fact that the tiny canals branched out in various subdivisions forming smaller canals from a common center.

In addition to these canals, the rock became flawed through shrinkage while passing through a period of evaporations, which, according to scientists, has taken more than three million years to reduce the stone to the hardness of 7 on the Mohs scale.

These canals and flaws have been perfectly healed by soft silicate formations of which the stone is a part, and the evaporation has caused the oxides to take on such forms as seen on the window after a frosty night. Technically, Montana agate is known as “dendritic” agate and the moss spots are called “dendrites”. It is the third hardest stone in the world and is cut on with a diamond saw. There can never be two pieces alike even though cut from the same stone.



Photo from Bernardine Fine Art Jewelry

Source: *Leaverite News* - June/July/Aug 2007

JASPER OR AGATE?

Jasper and agate are the rocks we hobbyists deal with most often in pursuit of our goals as lapidaries and collectors. Do we really understand the difference between the two?

Both jasper and agate are composed of extremely fine interlocking quartz crystals called cryptocrystalline quartz. As such, they are both members of the finegrained quartz family referred to as chalcedony. Chalcedony occurs throughout the world in beds, bands, nodules, geodes, botryoidal masses, as a replacement of fossils, wood tissue or other minerals, and as a cementing material. It is deposited from silica rich waters, often carrying other impurities.

It is the presence of these mineral impurities which stain the micro-quartz grains to produce the wide variety of colored patterns, banking effects and inclusions that differentiate the basic ‘gem’ forms of cryptocrystalline quartz, jasper and agate from ordinary drab chalcedony.

In general, agate is a transparent to translucent form of chalcedony in which the coloration takes the form of regular bands, rings, clouds, wispy inclusions or distinct groups.

Jasper, on the other hand, can be somewhat translucent, but it is most often opaque, with color usually much darker than agate, and totally random with respect to distribution and pattern.



Photo from Bernardine Fine Art Jewelry

Source: *Rockhound Gazette* Article by David Olsen

JULY SPEAKER

Fellow member Rich Thompson will give a Power Point presentation on one of his favorite subjects - Dinosaurs. You won't want to miss it!

C D A L L A S I T E G Y P T I A N
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 Y E G H A U S T R A L I A N P E L
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 P R R R O L E O P A R D S K I N N
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HOW WELL DO YOU KNOW YOUR JASPERS?? SEE IF YOU CAN FIND THESE

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Bayate	Dallasite	Oregonite	Vabanite
Blood	Dalmatian	Owyhee	Xyloid
Bruneau	Egyptian	Paradise	Zebra
Candy Rock	Elephant	Picture	Zonite
Cave Creek	Frogskin	Poppy	

Topping Malachite

Working with malachite is a messy operation, so I stop as soon as I can. I make doublets with malachite on the bottom and synthetic quartz on the top. This makes the malachite look even better than it would with polish, plus the quartz cap magnifies and accentuates the pattern. I use the synthetic quartz made for space shuttle windows and produced by an outfit in Cleveland, Ohio. I find that it is tougher than natural quartz. Don't forget the poisonous properties of Malachite. Use proper precautions whenever you work with malachite.

By Jerry Harr via Strata Gem 03/08 via Rockhound Rambling June 2008



ADDITIONAL DONATION'S - - are continuing from Dan Caudle.

Dan gave the Club some silver working tools, a barrel tumbler and a storage case containing rough stones for faceting.

Thanks Dan!

Excess Solder: When you get too much solder on a spot when making jewelry and try to file it off, the process takes time. To get rid of excess solder, with no filing, take a narrow strip of silver 1/3 by 3/4 inches and cut a slit in one end. Heat the piece with excess solder and touch the strip with the slit to the excess solder. The solder will flow up the cut.

Source: *Gems of the Rogue* - Jan 2008

Rate Schedule for Advertisements - - - Ad Sizes & Prices

1/8 of a page -
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Mike & Tammy Westphall

- When meeting someone you don't know well, extend your hand and give them your name. Never assume they remember you even if you've met them before.
- Never underestimate the power of a kind word or deed.
- Laugh a lot. A good sense of humor cures almost all of life's ills.

Source: Life's Little Instruction Book

DON'T FORGET

Please don't forget to bring in **YOUR** aluminum cans to the Club for recycling. Your contribution would be greatly appreciated to help add \$'s to the Club's treasury.

Thanks !

MEMBERSHIP NOTE

Due to the significant increase in the price of name badges, it has become necessary to charge \$3.00 for members that need a replacement badge.

MONEY SAVING DISCOUNTS

- **DAH Rock Shop** - 10% on most items. See ad on page 9 of this newsletter
- **Colorwright** - Amount of discount depends on item(s) being purchased
- **Jay's of Tucson** - 10% discount
- **Jed's Rock Shop** - 20% on all items
- **Copper City Rock Shop** - Bring in ad from page 10 of this newsletter and get 10% off on all purchases
- **Kent's Tools** - 10%
- **Tucson Mineral & Gem World** - 10%



ADVANCED FACETOR'S CORNER

The June question of the month was: **What is Cinnamon-sione?**

The answer ... A brownish-red hessonite garnet.

JULY QUESTION OF THE MONTH:

What is Billitonite?

Come to the July meeting to hear the answer.



MONTHLY JEWELRY CONTESTS

In order for members to better plan for future monthly contests, here is the schedule for each category by month:

January - Bolo Tie	May - Brooch	August - Faceted Stone	November - Bracelet
March - Belt Buckle	June - Cabochon	September - Chain	
April - Necklace	July - Charm	October - Pendent	

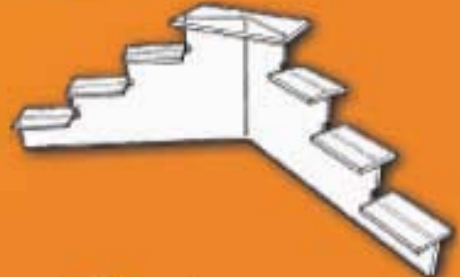
There were dual winners in June - Jean & Skip Barkley. Congratulations Jean & Skip!



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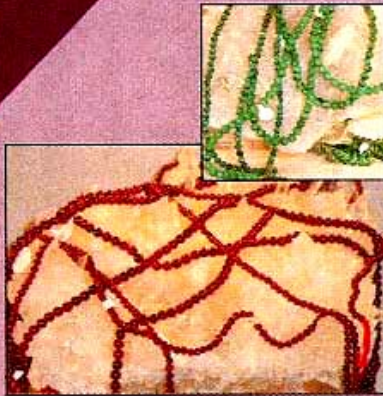
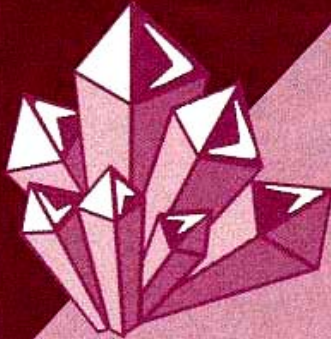
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DONATIONS

You may contact one of the following
individuals if you are interested in making a
donation (rocks, equipment, etc.) to the Old
Pueblo Lapidary Club. Please call:

Bill Carmody 760-8598

Dan Harmsen 721-8452

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Ad Expires
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WEEKLY WORKSHOP SCHEDULE Phone 323-9154

<p><u>Mondays 9 - Noon</u> Beginning Cabbing - Class fee charged. Contact Charles Peters 574-2987</p> <p><u>Mondays 1 - 4 PM</u> Faceting Guild - Fee charged. Experienced facetors only. Contact Paul Head 296-0331</p> <p>Silversmith Lab - Fee charged. Contact Lou Akerman 290-6968</p> <p><u>(Note: Lou's lab will be closed Jun 9 - Sep 1)</u></p> <p><u>Mondays 6 - 9 PM</u> Beginning Faceting - Class fee charged. Contact Earl Zoeller 886-3518</p> <p><u>Tuesdays 9 AM – Noon</u> Open Cabbing - Fee charged. Contact Ron Davidson 749-3157</p> <p>Silversmithing Lab - Fee charged. Contact Ron Davidson 749-3157</p> <p><u>Tuesdays 10AM - 1PM</u> Rock Sawing - Fee Charged Monitor - Jim Baker 886-2126</p>	<p><u>Wednesdays 6 - 9PM</u> Beginning Casting - Class fee charged. Contact Chuck Lundstrom 577-6446</p> <p>Open Cabbing - Fee charged. Contact Keith Haubert 888-8719</p> <p><u>Thursdays 10AM - 1PM</u> Rock Sawing - Fee Charged Monitor - Jim Baker 886-2126 Please call to confirm Jim's availability</p> <p>Beginning Cabbing 1- 4 PM Class fee charged. Contact Frank Beaven 1-810-919-5545</p> <p><u>Fridays 9 AM - Noon</u> Open Cabochon Lab - Fee charged. Contact Dan Harmsen 721-8452 <u>(NOTE: Lab will be closed until Oct 10th)</u></p> <p><u>Saturdays 10am - 3pm</u> Silversmithing - Ron Davidson 749-3157 Cabbing - Ron Davidson 749-3157</p>
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COMMITTEES

<p><u>ADVERTISING</u> Jean Barkley 546-1651</p> <p><u>BUILDINGS, GROUNDS & EQUIPMENT</u> Ron Davidson 749-3157</p> <p><u>CLASSES & PROGRAMS</u> Bob O'Donnell 886-0384</p> <p><u>CLUB HISTORIAN</u> Sylvia Czayo 297-8607</p> <p><u>FIELD TRIPS</u> Rim Tallat-Kelpsa 760-8704</p> <p><u>JUNIOR EDUCATION</u> Gretchen Arnaiz 747-1511 Sheila Powell 578-1976</p>	<p><u>KITCHEN</u> General Membership</p> <p><u>LIBRARIAN</u> Cathy Van Atta 325-7195</p> <p><u>MEMBERSHIP</u> Wayne Klement 954-6298 Donna Pugh 299-1535</p> <p><u>SECURITY</u> Ron Davidson 749-3157</p> <p><u>SILENT AUCTION</u> Dan Harmsen 721-8452</p>
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Old Pueblo Lapidary Club
 (Cutting Remarks - July 2008)
 3118 N. Dale
 Tucson, AZ 85712
 (520) 323-9154

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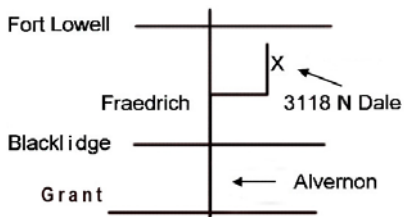
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Type of membership:	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
Single Member	\$20.00	\$15.00	\$11.00	\$9.00
Couple (same address)	\$30.00	\$20.00	\$15.00	\$10.00
Junior	\$7.50	\$7.50	\$7.50	\$7.50

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.