

“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 **September 9th** at 9:00am for the 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, Mike DeMeritt (silverlininggemstones@gmail.com), or feel free to call him at 520-203-8430 or (520) 240-5133. Submission deadline is the 20th of each month. Thanks!

THE PREZ SEZ by David Schulte



September is fast upon us and things are finally going to start cooling down a little. Our business meeting for August was held on Friday, 8/04/17. Our next business meeting will be held on Wednesday, August 30th, 2017.

A special thanks to John Poole again for fixing the door handle to woman's bathroom in the main building. Thanks to Wayne Klement for spraying our parking lot areas for weeds again. Lastly a big thanks goes out as well to all the monitors, board members and other contributors that volunteer their time to make the club run for all our members! The new 55 gallon containers are at the club awaiting the tops/bottoms to be cut off and this should happen sometime in September. We are still planning on having another club fix up day sometime in October/November time frame to strip and clean the floors and paint the main meeting room walls and the sealed duct work openings.

Welcome back to Bob Powell, our treasurer, from his many travels. I would like to remind everyone that this is snake season and the young ones are out in quantities. One of our members got bitten by a rattler last week and had to spend a few days in the hospital. I caution you all to be careful and look where you are putting your feet and hands.

We have a new volunteer to help cut rocks/slabs in the big saw room with Sharon and Pete but could still use some additional help. Come and see/call me or Pete if you are interested in helping. The club is also still looking for qualified members to step up and become monitors in the cab, silver and faceting labs on various days so that we can increase the time that the labs are open for all our members. If you are

interested please come and talk to me. We will gladly train folks in the responsibilities of being a monitor and remember your time in that lab is free if you monitor in it! Ron is talking to one of our new members who may be willing to do another monitor time slot in the casting lab so lets keep our fingers crossed.

Chris and his helpers have been diligently working on pulling wire, putting up new conduit runs and installing new breaker panels in the training building to upgrade our power in that building. We expect this to be completed this month. The locations for the new outlets for future upgrades to the labs has been solidified and these quad outlets will be put in the next couple of weeks along with the other power updates.

Janelle and her team has fantastic field trip planned for September 5 – 8th to go and collect some blue agates and carnelian. I hope everyone who is interested gets a chance to participate.

Our speaker this month will be Bob & Elaine Royer, the travelers extraordinaire, talking about "Easter Island". It should be interesting to hear about the dig out of the bodies of the figures that were thought only to be heads until a few years ago.

I'll see you all at 8 am, September 9th, 2017 for treats and coffee followed by the club meeting starting at 9:00 AM. Remember to wear your OPLC badge to the meeting to get a free raffle ticket with the purchase of some more of them.

David

Front Cover Pictures: Sparkly **Sapphires** come in many colors, not just blue, and are September's birthstone. Top-quality blue **Chalcedony** from Turkey will cut some spectacular cabochons!

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PRIOR MONTH'S MEETING MINUTES... Twink Monrad, Secretary



The meeting was called to order by President David Schulte at 10:15 am. David thanked our speaker Anna Domitrovic who gave an excellent slide show and talk about Mineralogy along Northern Arizona's Route 66.

David thanked Margarett Reynolds for providing refreshments.

Motion was approved for last month's minutes that were published in the Cutting Remarks.

New members and visitors were introduced.

The treasurer's report was given and will be filed for audit. David Schulte did not have all of the information due to the treasurer's absence.

The membership chairperson Wayne Klement reported that the club has 451 members.

Wayne Klement reported that all of the labs have a list of names of all members cleared to use the lab equipment.

Helen discussed the future speakers for our club meetings.

Tom McDevitt reported on silent auction status and donations.

David Schulte reported that the annual backflow water inspection has been completed. Results have been submitted to the city.

David Schulte reported that the new power panel for the lab building has been installed by Precision Power. TEP inspection of the new panel is complete. Inside work on the power panels will start this Sunday. The drops in the individual labs still need to be worked out.

David Schulte is still working updating the club's insurance policy. Status will be reported at the next club meeting.

Davis thanked John Poole, Danny Harmsen and Mike Tucker for moving trash to area to be picked up.

David indicated that the club is looking for volunteers for this fall to help strip and buff floors and painting in the main clubhouse. Bill Cascio has volunteered to be the club librarian. Pat Droll has volunteered as the new club secretary for next year taking over for Twink Monrad who did a fantastic job for many years.

Sharon Wilcox has volunteered to be a monitor for the cab lab shop on Wednesday from 9 - noon.

There are new blades on the 12 inch slab saws in the cab lab shop.

A request was made by the saw room monitor for members not to glue rocks to dop. The monitor will provide this service to insure proper bonding and minimize damage risk to equipment. The club is also looking for additional saw room monitors.

Janelle Cortright discussed the upcoming field trip to hunt carnelian and blue agate in the White Mountains September 5th - 8th.

Margaret Harris won the door prize.

Victoria Fila volunteered for the club VP position. The request will be submitted to the board.

The meeting was adjourned at 11:00 am.

Pat Droll filling in for Secretary Twink Monrad

September 2017 OPLC speakers Bob & Elaine Royer

Voyage to Easter Island



We are very fortunate to have a great couple be our speakers for our September, 2017, OPLC meeting. Bob and Elaine Royer, travelers extraordinaire, and OPLC members after their last presentation here in 2015 on Antarctica, will now take us on a voyage to Easter Island.

Their love for travel and their thirst of increasing their knowledge of our world, took them to this remote island in the southern hemisphere. They joined the Road Scholar tour, and were thrilled to find out that their guide was the former governor of Rapa Nui, the one person responsible for spearheading the next stage of tourism for the island's success.

Easter Island is a Chilean island in the southeastern Pacific Ocean. The island is famous for its 887 monumental statues, called Moai, created by the early Rapa Nui people. In 1995 Unesco named Easter Island a World Heritage Site.

Bob and Elaine Royer are also members of the Tucson Gem & Mineral Society. They retired in 2000 and have been actively travelling since then to several beautiful places in the world.

So, if you have ever dreamed of ever going to Easter Island, please join Bob and Elaine for their presentation. I know that their talk will be fantastic, with good photos and sprinkled with stories and humor.

Looking forward to seeing you all in our September meeting!

Helen Serras-Herman, OPLC Program chair

2017-2018 OPLC Speakers- A Forecast Look

So, let's take a forecast look to the rest of the 2017 year and some in 2018

- Bob & Elaine Royer, travelers extraordinaire, "Easter Island" (September 9, 2017)
- Brad Ross, "Lessons Learned from the Bingham Canyon Manefay Slide" (October 14, 2017)
- Jan Cleere, Tucson based historian and author, will present "Petticoat Prospectors- Early Women Miners of the Western Frontier" (November 11, 2017)
- Juan Garcia, "Maria Felix: Her Life & Jewelry" (March 10, 2018)
- Kevin Lane Smith, lapidary and jewelry artist (May 12, 2018)
- Jim Turner, "Turquoise Mining around Jerome" (June 9, 2018)

Please do come to the meetings and enjoy these great speakers and their presentations.

Looking forward to seeing you all soon,

Helen Serras-Herman, OPLC Program chair

DONATIONS

.John Watt: tools.

Jennifer King: rough rocks and graders for silicon carbide.

Michelle Rapport: Hard Hats(2), Rock Hammers(2), rocks, safety Glasses, chisel, meteorites.

Spring Winder: Hand cleaner, quartz crystals, display boxes, Dremel bits & cutoff wheels, rough rock, tool box, silversmith book, silver saw, Polished stones and pliers.

Jim Vollintine: Jewelry Magazines.

Rodney Casebier: Buffer unit and a vise.

To donate to OPLC, just contact Tom McDevitt at (520) 575-0517

SEPTEMBER STONE: SAPPHIRE



Fine Faceted Sapphires in various colors

Sapphire is the gemstone for September, and the common name for gem-grade **Corundum** (technically, **Ruby** is another name for gem-grade corundum, but only for those rare red crystals with chromium as the chromophore, or coloring agent...) Corundum is an oxide of Aluminum that occurs as trigonal crystals (typically barrel-shaped with several steep hexagonal bipyramids, tabular bipyramids, usually lamellar, and sometimes granular). It has vitreous luster and is translucent to transparent. It has no cleavage, a Moh's hardness of approximately 9.0, and a density of approximately 4.0. Color is usually grey, weakly blue, yellow, or red, but all colors can occur. Normally pure Al_2O_3 , the color-giving ions, such as Cr (ruby) or Fe and Ti (sapphire), are present only in very small amounts - typically only a few parts per million! Crystal structure can be described as an almost-hexagonal close packing

of spheres of O atoms in which two-thirds of the octohedrally-coordinated interstices are occupied by Al and the remaining third are empty. Corundum occurs in silicon-poor igneous rocks such as syenites and nepheline-syenites and associated pegmatites, in contact zones between peridotites and surrounding rocks, and in metamorphic rocks such as gneisses, mica-schists, and crystalline limestones. Because of its hardness and chemical resistance, it is also widespread in sand and gravel deposits.

Sapphire is found all over the globe - important deposits occur in Sri Lanka, Cambodia, Thailand, Vietnam, Tanzania, Madagascar, and Queensland, Australia, among others. We have gem occurrences in the United States in North Carolina and Montana. The most famous sapphire deposits, though long mined-out, occurred at high altitude at Padar in Kashmir, India, where marble and other metamorphic rocks are cut by pegmatitic dykes. New sources are found often, especially in Africa, but a very recent find in Ceylon, Sri Lanka, shows amazing promise with deep-blue transparent crystals that can weigh over 20 grams! Sapphire is fairly easy to cut and polish, though beginners sometimes have trouble with pre-polish. Try using a 8,000-grit diamond on zinc lap, followed by 50K on zinc, with 3/4 to full speed. You will probably never cut another stone with such sharp facet breaks (unless you are a diamond brillianteer!) You *will* go through laps/saws more quickly, thanks to corundum's incredible hardness. But after factoring in corundum's high refractive index (1.76), decent dispersion, and amazing variety of colors, you'll come to understand why this species is truly "king of the colored gems"!



African Sapphire Rough

Compiled/written by Mike DeMeritt, 2012

IMPORTANT CASTING LAB NOTICE

As a reminder now that it is September, open casting lab will move to Saturday's from 10 a.m. until 1 p.m. with casting class from 3 p.m. until 6 p.m.

I do this as I have family doing treatments Monday through Friday

-Ron Brooks

WELCOME NEW MEMBERS



**Gina Ahrens
Joe Brusky
Marina Codova
Roy Dickover
Jeanne Dickover
Lois Epperson
Brian Fraley
Robert Grady**

**Julie Graham
Rob Holzknecht
Crystal Lewis
Don Norris
Alexandra Queen
Joyce Roth
Bradford Turner
Michael Young**

OCTOBER TAILGATE SALE

-Tailgate Sale DOES NOT START UNTIL AFTER THE MEETING!

-OPLC MEMBERS ONLY!

-Bring your own tables!

**-Items for sale MUST be related to lapidary or metalsmithing arts,
or OPLC activities.**

-Parking for participants is in North Lot - FROM 8AM UNTIL 8:30AM ONLY!

-The North Lot WILL be open to Monitors working THAT DAY!

**-After 8:30AM, the North Parking Lot will then be open to the
General membership.**

-Again, the Tailgate Sale WILL NOT START until after the October meeting is over!



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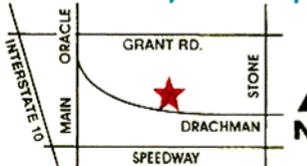
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And 3-ounce price break on all silver purchases!**

Ad Expires June 2015

MONEY SAVING DISCOUNTS

- **DAH Rock Shop** - 10% on most items, \$10 minimum purchase. 520-323-0781
3401 Dodge Blvd, Tucson
- **Colorwright** - 520-623-3874 Web address: <http://www.color-wright.com/>, **MAILING ADDRESS:** 1520 S Desert Crest Dr., Tucson, AZ 85713. Amount of discount depends on item(s) being purchased.
- **Jay's of Tucson** - 30% discount excluding orange tag items, sterling silver sheet and wire. 520-323-1123 (**4813 E Speedway in Pinecrest Center**)
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% discount. 520-624-8098 - **2745 N 1st Avenue, Tucson**
- **Tucson Mineral & Gem World** - 10% 520-883-0682 Web address: www.tucsonmineral.com **2801 South Kinney Road, Tucson**
- **Arizona Lapidary** - Arizona Lapidary & Gem Rough - 10% Discount off rough rock 520-399-6641
7320 E Broadway Blvd, Tucson
- **Silver Lining Gemstones** - 20-35% discount on most items. 520-203-8430, or see Mike DeMeritt at any of his labs. Includes Instagram Store (IG Name **silverlininggemstones**)
- **Starr Gems** - 10% Discount on select merchandise, and 3-ounce price break for all silver purchases. See ad in this issue. **220 W Drachman, Tucson**

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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BUILDINGS, GROUNDS & EQUIPMENT

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Helen Serras-Herman 761-9907

CLASSES

Gloria Jean Dana 369-7225

FIELD TRIPS (COMMITTEE)

Wolfgang Mueller 896-3197

Janelle Cortwright 761-1924

HISTORIAN

Bill Cascio 638-8144

JUNIOR EDUCATION

Ron Graichen 529-2661

KITCHEN

General Membership

LIBRARIAN

Bill Cascio

MEMBERSHIP

Wayne Klement 954-6298

SECURITY

John Poole 777-5588

SILENT AUCTION

Tom McDevitt 575-0517

BUSINESS MEETING REFRESHMENTS

Norma Lackow 742-7561

WEEKLY WORKSHOP SCHEDULE Phone 323-9154

Mondays

1PM - 4PM **Silversmith Lab**
Monitor - Terry Cox 296-4949
3PM - 6PM **Cabbing**
Monitor - Gloria Jean Dana 369-7225
6PM - 9PM **Beginning Faceting**
Monitor - Earl Zoeller 886-3518

Tuesdays

9AM - 1PM **Cabbing***
Monitor - Mike DeMeritt 240-5133
9AM - Noon **Silversmithing Lab**
Monitor - John Poole 777-5588
9AM - Noon **Rock Sawing**
Monitor - Sharon Wilcox 878-8685
1PM - 4PM **Cabbing**
Monitor - Jerry Glazman 860-689-3432
6PM - 9PM **Cabbing**
Monitor - Margarette Harris

Wednesdays

9AM - Noon **Cabbing**
Monitor— Sharon Wilcox 878-8685
6PM - 9PM **Cabbing**
Monitor - Keith Haubert 784-8283
6PM - 9PM **Silversmithing Lab**
Monitor - Bill Penrose 780-1143

Thursdays

9AM - 12PM **Rock Sawing**
Monitor - Pete Petersen 886-9021
9AM - 12PM **Cabbing**
Monitor - Bob Powell 403-8980

1PM - 4PM **Silversmithing**
Monitor - Giac D'Aquisto 207-6219
6PM - 9PM **Silversmithing**
Monitor - Bill Cascio 638-8144
6PM - 9PM **Rock Sawing**
Monitor - Tim Rose 360-480-1817
6PM - 9PM **Cabbing**
Monitor - Tom Tuten 803-260-5423

Fridays

9AM - 12PM **Cabbing***
Monitor - David Schulte 954-8554
1PM - 4PM **Silversmithing**
Monitor - Terry Cox 296-4949

Saturdays

9AM - 2PM **Silversmithing**
Monitor - Terry Cox 296-4949
9:30AM - 2:30PM **Cabbing***
Monitor - Ron Bryan 619-495-7967
10AM - 1PM **Casting Lab**
3PM - 6PM **Casting Class**
Monitor - Ron Brooks 520-378-2592
(Casting Changes Temporary)

Sundays

10AM - 3PM **Silversmithing Lab**
Monitor - Giac D'Aquisto 207-6219
10AM - 2PM **Cabbing**
Monitor - Donovan Wagner 869-2050

Old Pueblo Lapidary Club
 (Cutting Remarks - September 2017)
 3118 N. Dale
 Tucson, AZ 85712
 (520) 323-9154

OPLC Membership Application - Please Print

Name1 _____ Name 2 _____ Date _____

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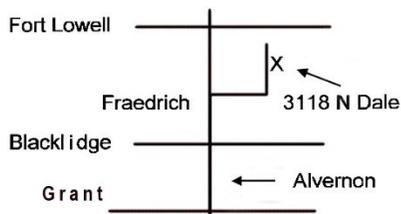
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Summer Address _____

City _____ State _____ Zip Code _____

Type of membership:	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>	<u>Annual Renewals</u>
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.