

“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 October 11th 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. Submission deadline is the 20th of each month. Thanks!

THE PREZ SEZ by John Poole



October - fall is here, but for those of us who live in Southern Arizona, it's just a date on the calendar!

The shops are busy with the Training Center open seven days a week, and our membership close to 400. We have limped along for many, many years with the A/C and heating in some of the labs. So we will be presenting a plan to the membership at the October business meeting for a vote to upgrade those systems.

Our Tailgate Sale will be AFTER the business meeting. See the rules below. It

will be fun and a chance for members to show, sell, and buy some interesting lapidary articles.

Our raffle ticket sales are doing super! The ladies are great salespeople and Danny has always provided us with awesome prizes! So wear your OPLC name badge and get a free raffle ticket with your purchase.

See you October 11th for treats, an interesting program, an important vote, and a tailgate sale!

-John

OCTOBER TAILGATE SALE

- Tailgate Sale - WILL NOT START UNTIL AFTER THE MEETING!
 - OPLC Members Only!
- Items for sale - MUST be related to the lapidary or metalsmithing arts, or OPLC activities!
- Parking for Participants - North Lot, FROM 8:00 AM - 8:30 AM ONLY!
- The North Parking Lot WILL be open to monitors working that day!
 - After 8:30 am, the North Parking Lot will then be open to the General Membership

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

Front Cover Pictures: Incredible **White Opal** from Coober Pedy, Australia, October's birthstone. Nice pink **Tourmaline** crystal group from Afghanistan represents an alternate October birthstone.

Cutting Remarks, Volume 2014, Issue 10, October 2014. Published monthly by the Old Pueblo Lapidary Club, 3118 N. Dale, Tucson, AZ 85712. Telephone: (520) 323-9154, a non-profit organization.

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



The meeting was brought to order at 10:10 AM by President John Poole. A quorum was present.

John thanked our speaker Tony Jones who gave a most interesting slide show and talk about his quest for beautiful minerals in South America and Mexico.

Shiela Powell was thanked for bringing an excellent assortment of snacks for the meeting.

Mike DeMeritt did a great job on our newsletter as always.

Minutes from August meeting were corrected as to time the meeting began.

There were six new members and guests present. We now have 393 members, 17 joined in the last month.

Treasurer report: Mark Gibson reported that all is well and that new wheels have been purchased for the lapidary room. During use the wheels should be kept wet and the entire width of the wheels should be used to preserve them. A new Genie was purchased by the club for a very good price.

SILENT AUCTION: November 1, 2014 and Danny Harmsen reports things are going well and hopefully more tools will be donated for the auction. We need a volunteer to head up the kitchen for this event, please consider helping and get in touch with any board member.

OCTOBER 11th MEETING WILL FEATURE A SPEAKER AND A TAILGATE SALE: Our speaker will be Wolfgang Mueller and will feature a visit to selected vanadinite and wulfenite localities in the southwest.

Vendors for the tailgate sale (OPLC members only) need to park in the north parking lot between 8:00 and 8:30. After that other members may park in spaces that are left. The

sale will begin after the regular meeting is over. Items must be related to OPLC.

FIELD TRIPS: The October Moab trip about which Janelle Cortright sent out information earlier is still scheduled. For more information call her at 761-1924. Other trips being talked about are to Cave Creek and Round Mountain. These will be announced when finalized.

Aluminum cans: please keep bringing them to the Club, they are good income.

EDUCATION COORDINATOR: Shiela Powell has been in charge of our education to the schools for many years. She has given many rock specimens to students locally and has mailed out kits all over the country. She is retiring from this position and we are looking for her replacement. If you would be willing to fill this position or just want more information please get in touch with a board member.

NOMINATING COMMITTEE: Mike DeMeritt and Dennis Murphy are looking for candidates for offices and board positions.

METAL SHED IN PARKING LOT: New barrels of rocks have been placed near the shed to prevent further damage as it has been dinged by cars.

NORTH PARKING LOT GATE: It now swings outward so it can easily be opened when necessary.

RAFFLE TICKETS: Thanks to Donna Pugh and Marla Pesqueira, \$197.00 was collected. Way to go!

DOOR PRIZE: Won by Judy Gilmartin

The meeting adjourned at 10:45 AM.

Twink Monrad, secretary

OCTOBER 2014 MEETING PROGRAM

Wolfgang Mueller

Geologist, Lapidary Artist, OPLC Member,
presenting

A Visit to Selected Vanadinite and Wulfenite Localities of the Southwest

OPLC club member Wolfgang Mueller created this special program and it is available at the Rocky Mountain Federation Mineral Association Library.

Wolfgang and his wife Diane have been in the lapidary field for over 20 years. Wolfgang worked as a geologist for 40 years with part of that time spent in San Manuel, AZ. His specialty is ore mineralogy which takes very specialized polishing techniques for the microscopic studies. According to their website, going into lapidary arts was logical for him as the awareness of unique circumstances and stones are the force behind the buying and cutting of their stones.

Diana began making jewelry in the early 1980's. Diana cuts stones with Wolfgang and fabricates jewelry. She is inspired by the colors, patterns and shapes of natural stones and her originality comes out from how she artfully showcases stones in her jewelry designs.

Wolfgang is well known for his amazing spheres, eggs and cabochons. In addition, he shares his knowledge and experience by making presentations on mineral collecting and Arizona minerals. In 2012 he wrote an extensive article on Arizona Gemstones in the special edition of the Rocks and Minerals Jan/Feb 2012 issue.

The Muellers are serious rockhounds; and club members are in awe when Wolfgang wields his heavy rock breaking tools at mineral collecting sites. He is always successful in getting the best of the lot and fellow rockhounds like to watch where he goes as they are confident he knows where the "good" stuff is!

Wolfgang and Diana sell their lapidary work at mineral shows, arts and craft shows and on their websites. For more information and check out their website: www.diwolf.com.



WELCOME NEW MEMBERS



Roger Dumbolton
Inliss Kyte-Obayani
Bobbie Martinez
Tom Niederriter
Sandy Niederriter

Ann Painter
Miles Ryan
Taiya Ryan
Aubrey Wright
Maria Wilkinson (Resa)

FIELD TRIP CANCELLATION

This weekend's (10/10-11) field trip to Moab, Utah, has been cancelled. Please contact Janelle Cortright for any additional information.



Al Romey: shells, tumbling rocks, opals, amethyst necklace, tumbling barrels (3),

Gem Tree Book and rocks, geodes

Yvonna Roepcke: slabs, rocks, jade, agate, jaspers, chrysoprase, pet. wood, tigereye

Anonymous: Rock Salt Lamp materials, obsidian, flint, wormwood, hematite, flat lap,

Tumbling materials

To donate to OPLC, just see or contact Dan Harmsen. at 721-8452.



13TH ANNUAL SILENT AUCTION OLD PUEBLO LAPIDARY CLUB

3118 N. Dale, Tucson, AZ 85712

Free parking - Free admission

DATE: Saturday, November 1, 2014 HOURS: 9:00am—2:00pm

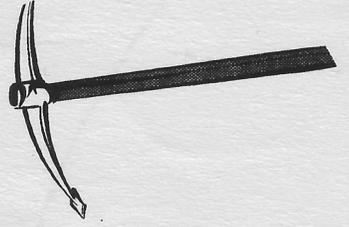
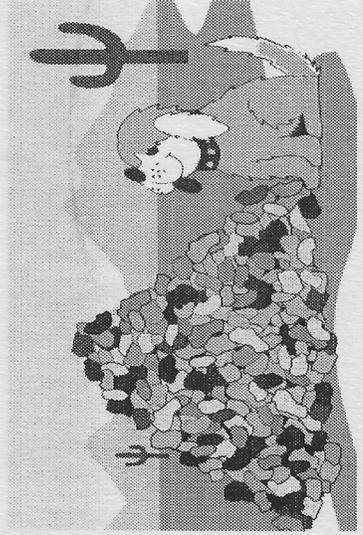
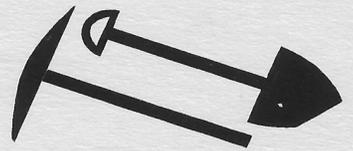
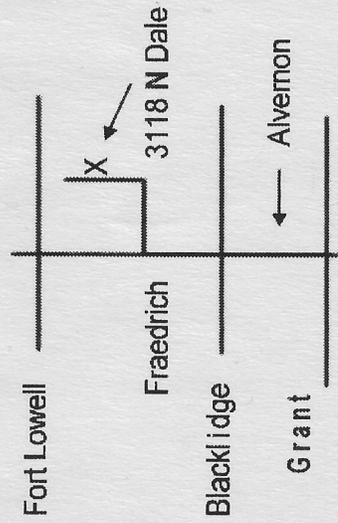


Don't Miss it! This is once-a-year chance to select all your mineral and lapidary needs from a myriad of mineral specimens, petrified wood, turquoise, faceted rough, cutting material, slabs, polished stones, findings, equipment – including a rock saw, and a faceting machine. There will also be a “kid’s only table” .

Choose from lots and lots of items. One of nine tables will be randomly called and replenished every 15 minutes. Place your bids and try to find time for tasty snacks on sale in the Club’s kitchen as you wait to see if you are the lucky owner of some great new lapidary finds.

For additional information, please contact Danny Harmsen, 520-721-8452.

Come see us on the web: www.lapidaryclub.org



OCTOBER BIRTHSTONE: OPAL

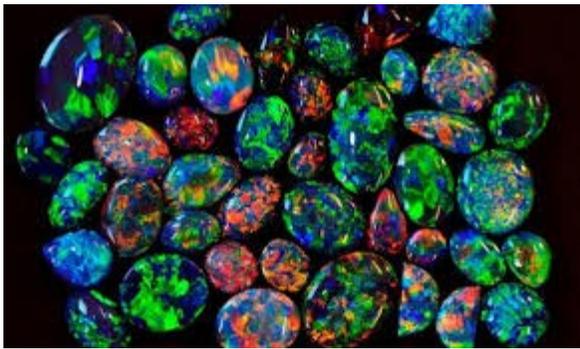
Those who celebrate a birthday in October have the honor of a birthstone unlike most others: the colorful variety of silicon dioxide known as *Opal*. Opal, chemical formula $\text{SiO}_2 \cdot n\text{H}_2\text{O}$, is basically the amorphous form of chalcedony. It has a Moh's Hardness between 5 - 6, a conchoidal fracture, and a density that varies between 2.0 - 2.2, depending on water content. The water content in opal varies; it is typically 3 - 9 wt% (percent by weight) but can be up to 20 wt%. Although opal isn't crystalline in the usual sense, order of some kind exists: opal consists of a dense packing of spheres, typically 1500 - 3000 angstrom in diameter.

In common opal without play-of-color, the size of the spheres varies greatly, whereas the spheres in precious opals (those with play-of-color) are so uniform in size that they form

a regular lattice, in which the light is refracted. In some opals the spheres are completely amorphous, whereas in other opals the spheres are partially crystalline and consist of disordered layers of tridymite and cristobalite. Opal occurs in fissures and cavities in various rocks, where it is deposited by hydrous solutions at relatively low temperatures. It occurs as siliceous sinter or 'geyserite' at hot springs and geysers and constitutes the majority of diatomites, which are fine-grained chalk-like deposits formed by the accumulation of shells from dia-



Outstanding carved white opal from Coober Pedy, Australia



Exceptional assortment of fine black opals from Lightning Ridge, Australia

toms.

Fire Opal refers to opal (with or without play-of-color) from Queraro, Mexico, that principally comes in bright orange and red body colors. *Black Opal* refers to opal with a black body color, whereas *Crystal Opal* or *Hyalite* refers to opal with no body color, and is clear (except those pieces with heavy play-of-color!) *Boulder Opal* refers to ironstone concretions sporting opal found in Queensland, Australia. Most precious opals are from the various sandstone deposits in Australia, but they are also found in Ethiopia, Brazil, Mexico, and even the United States.



Fire Opal cabochons from Queraro, Mexico

-Written/Compiled by Mike DeMeritt, October 2013

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-Anonymous*

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566 Ash, Globe, AZ 85501
- **Kent's Tools** - 10% discount. 520-624-8098 - **133 E Grant Road, Tucson**
- **Tucson Mineral & Gem World** - 10% 520-883-0682 Web address: www.tucsonmineral.com
2801 South Kinney Road, Tucson
- **Arizona Lapidary** - 10% discount for OPLC members. See ad in this issue. 520-399-6641 -
4699 E Pima St, Tucson
- **Silver Lining Gemstones** - 20-35% discount on most items. 520-203-8430, or see Mike De-Meritt at any of his labs. Includes eBay Store at www.stores.ebay.com/high-lonesome-turquoise.

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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Janelle Cortwright 761-1924

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Sheila Powell 578-1976

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MEMBERSHIP

Wayne Klement 954-6298

SECURITY

John Poole 777-5588

SILENT AUCTION

Dan Harmsen 721-8452

WEEKLY WORKSHOP SCHEDULE Phone 323-9154

Mondays

9AM - 12PM **Cabbing**

Monitor - Gloria Jean Dana

1PM - 4PM **Faceting Guild**

Monitor - Billy Bob Riley 225-9060

1PM - 4PM **Silversmith Lab**

Monitor - Lou Akerman 290-6968

5PM - 9PM **Cabbing**

Monitor - Joseph Blackcoyote 891-6822

6PM - 9PM **Beginning Faceting**

Monitor - Earl Zoeller 886-3518

Tuesdays

9AM - Noon **Cabbing***

Monitor - Mike DeMeritt 203-8430

9AM - Noon **Silversmithing Lab**

Monitor - John Poole 777-5588

1PM - 4PM **Beginning Faceting**

Monitor - Mike DeMeritt 203-8430

1 PM - 4PM **Cabbing**

Monitor - Jerry Glazman 860-689-3432

Wednesdays

6PM - 9PM **Beginning Casting**

Monitor - Chuck Lundstrom 241-9262

6PM - 9PM **Cabbing**

Monitor - Keith Haubert 784-8283

6PM - 9PM **Silversmithing Lab**

Monitor - Bill Penrose 544-7517

6 PM - 9PM **Faceting**

Monitor - Billy Bob Riley 225-9060

Thursdays

9AM - 12PM **Cabbing**

Monitor - Bob Powell 403-8980

10AM - 1PM **Rock Sawing**

Monitor - Pete Peterson 886-9021

Fridays

9AM - 12PM **Cabbing***

Monitor - Mike DeMeritt 203-8430

Saturdays

8AM - 12PM **Rock Sawing**

Monitor - Jim Griffin

10AM - 3PM **Silversmithing**

Monitor - Terry Cox 296-4949

10AM - 3PM **Cabbing***

Monitor - Ron Davidson 400-2125

Sundays

10AM - 3PM **Cabbing**

Monitor - Dennis Murphy 490-9188

10AM - 3PM **Silversmithing Lab**

Monitor - Giac D'Aquisto 207-6219

***INSTRUCTION PROVIDED AS AVAIL-
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HOURS**

Old Pueblo Lapidary Club
 (Cutting Remarks - October 2014)
 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 (____) _____

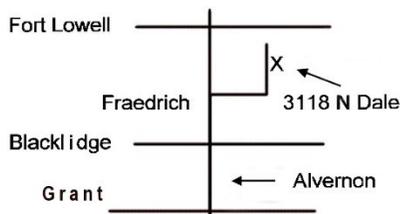
Email address _____ Summer Dates: From _____ To _____

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.