

“CUTTING REMARKS”

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

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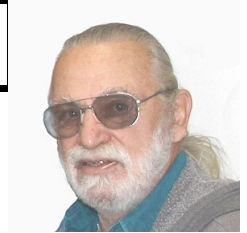
Wayne Klement 954-6298

Please join us **September 10th** 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



Hi Folks - In most parts of the country it's starting to cool off and thoughts of fall are in the air; however, we live in southern Arizona and will have to wait some.

Plans are being made for a trip in October. A sign-up sheet was made available after the August meeting. If you really want to be in the loop, you have to attend our meetings.

During the weekend of our September 10th business meeting Tucson hosts a small Gem Show, September 8, 9, 10 and 11. The Best Bead Show at the Kino Vet Center, 2805 E. Ajo Way is open to the public and wholesale. Not a beader? Go anyway, they have some great tools. Gem Mall and G&LW show, wholesale only, at 4475 S. Country Club. has some rough, loads of cabs and faceted stones, tons of finished jewelry. JOGS at the Expo Center,

3750 E. Irvington, wholesale only, has some rough, millions of cabs and tons of finished jewelry, some real high-end.

Sunwest Silver has a great display of Native American Jewelry to feast your eyes on.

A heads up, after our October business meeting we are going to have a tailgate sale. I'll answer any questions at our September meeting.

See you September 10, 2016 at 8 am for coffee and breakfast treats. Our program will start at 9 am, followed by a short business meeting. Our Silent Auction Chair, Tom McDevitt will have some great stuff for our raffle. Wear your OPLG badge and receive a free raffle ticket with a purchase!

John

Coming Attractions:

September 10, 2016, Jonathan Ziegler- Photographing minerals & jewelry

October 8, 2016, Raymond Mason- Appraising our gems and jewelry

November 12, 2016, Pat McMahan- Agates

December 10, 2016, Holiday Party

January 14, 2017, Eric Fritz- Raman Spectroscopy

March 11, 2017, Brian Cook, Paraiba Tourmaline & Rutilated Quartz from Brazil

Front Cover Pictures: Outstanding broken crystal fragment of **Sapphire** from Sri Lanka will facet a fine stone; Surreal **Azurite** crystal group is perhaps unmatched in its clarity.

Cutting Remarks, Volume 2016, Issue 9, September 2016. Published monthly by the Old Pueblo Lapidary Club, 3118 N. Dale, Tucson, AZ 85712. Telephone: (520) 323-9154, a non-profit organization.



OPLC MONTHLY MEETING August 13th,
2016

The meeting was brought to order by President John Poole at 10:10 am. He thanked our speaker, Dr. Chris Osterman who showed great photos and told us about his adventures in Mexico collecting Leopard Opal and gold of different kinds. We were educated on the geology of both items in addition to hearing his most interesting collecting stories.

Refreshments: John thanked Sherry Quarles and Annabea McKinley for bringing outstanding snacks for the meeting. Norma Lackow has volunteers scheduled for the upcoming meetings.

The minutes of the July Meeting were approved as published in Cutting Remarks.

Treasurer's report: the report will be filed for audit. We just spent money purchasing new wheels, blades and other equipment needed for the shops.

John thanked Stacey Brown for helping out with the saw room along with Dave Schulte and Bill Penrose.

New members and guests: Four were introduced. At present we have 470 members.

Ron Davidson Memorial Scholarship: Bill Penrose and his committee are working on this project and will report back to the Board at a later date.

Discussion regarding whether to purchase a new AC system or to replace the existing evap coolers is going on. In any event we need to upgrade our electrical system and this is being analyzed.

FIELD TRIP: Skip and Jean Barkley are planning a collecting trip to the Day Ranch near the Round Mountain rock collecting area in Greenlee County on Saturday Oct. 15th. A sign up sheet will be in the kitchen and new members will get priority for space available.

SILENT AUCTION: We have had lots of donations of minerals and equipment and things are going well.

Door prize: Won by Roberta Gutierrez. \$198 was collected for the raffle.

We adjourned at 10:25 AM.

Twink Monrad, Secretary

September 2016 OPLC Speaker



We are in for a very special treat for our September 10, 2016 OPLC monthly meeting. Our very own member, Jonathan Ziegler, who many of you know as he serves as our program technical assistant, will be giving a presentation on the unique challenges of photographing gemstones and jewelry.

Jonathan Ziegler, at 43 years old, is an award-winning, freelance photographer, videographer and artist, living in Tucson. He has a BA in Graphic Design (and a minor in Marketing) and has been practicing photography for over 30 years.

Jonathan will show photos of his work, describe his equipment, the necessary lighting, along with composition, troubleshooting common issues, easy props and simple tricks. He promises to be a fun and lively presentation not to be missed!!

Looking forward to seeing you all,

Helen Serras-Herman, OPLC Program chair

OCTOBER TAILGATE SALE

-Tailgate Sale DOES NOT START UNTIL AFTER THE MEETING!

-OPLC MEMBERS ONLY!

**-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!**

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.



African Sapphire Rough

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



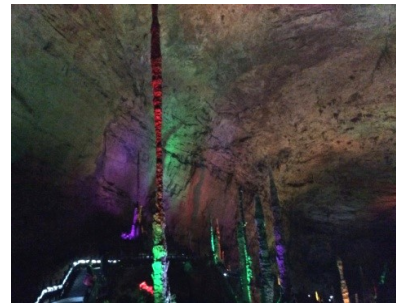
Top-Quality Faceted Sapphire surrounded by diamonds in platinum ring

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"!

Compiled/written by Mike DeMeritt, 2012

Arizona China Travel & Tours (ArizonaChinaTravel.com)

Presents



“Gems of Hunan” Tour

This 11-day trip to Hunan, China is specially designed for mineral enthusiasts. You will travel to Chenzhou (Hunan), home of “Non-ferrous metals”, and to the picturesque Phoenix (“Fenghuang”) Ancient Town, as well as to the remote, rugged mountain terrain of northwestern Hunan, sites of UNESCO World Heritage natural wonders.

Attractions:

Visit Of Four Active Mines (i.e. Xianghualing, Shizhuyuan, Chatian)

Hunan Provincial Geological Museum – the largest natural science museum in Hunan with 10,000+ minerals, rocks, fossils in the collection including toothless hibiscus dragon, stibnite, and scheelite.

Baoshan National Mine Park – using ancient and modern mining sites to demonstrate mining process over the past 2,500 years.

Non-Ferrous Metal Museum – using multimedia to showcase the formation, mining, smelting, and processing of non-ferrous metals.

Changsha & Chenzhou Mineral Markets -- believed to be the source of most Hunan minerals seen on the western market.

Zhangjiajie National Forest Park – UNESCO World Natural Heritage site; UNESCO Global Geopark; China's first National Forest Park. Features the magical “floating peaks” as seen in the movie Avatar.

Phoenix (“Fenghuang”) Ancient Town – “an ideal human residential environment created by the culture; a perfect example on combining mountains, waters and the town” (<http://whc.unesco.org>).

Hibiscus (“Furong”) Village – a 2,000 year old town with a magnificent waterfall.

Tour Dates: Oct. 24-Nov. 3, 2016; Nov. 7-17, 2016; *10 people minimum needed for each tour.

For A Good Purpose: Arizona China Travel & Tours will donate \$100 per traveler (on behalf of the traveler) to support the reopening of Arizona Mining & Mineral Museum, and \$30 towards your local mineral society.

Price: \$2,450 land-only (this is a special price for it being a new tour), not include China visa & int'l airfare (Los Angeles-Hunan, China round trip direct flight starts at \$600, fluctuates based on seasonality & demand).

Sign up: Deposit of \$300 per person payable by check, credit card, or Paypal account. Final payment due by check or money order no later than 30 days prior to departure.

For More Information, please see: <http://www.arizonachinatour.com/gems-of-hunan-tour.html>

WELCOME NEW MEMBERS



Lili **Duvall**
Patricia **Glover**
Sherry **Hennessy**
Gail **Schirmer**



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DONATIONS



Victor Vansickle: Jasper slabs

Murray Hiller: Cab Machines, Magazines, Buffers, Miscellaneous

Ken Viera: Glasscutter

John Watt: Tools, Miscellaneous

To donate to OPLC, just see or contact Tom McDevitt at 575-0517 or Mike DeMeritt at 240-5133

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Ad Expires June 2017



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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 (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% 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** - Arizona Lapidary & Gem Rough - 10% Discount *Excluding Finished Jewelry
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 eBay Store at www.stores.ebay.com/high-lonesome-turquoise.
- **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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Ad Expires Sept 2015

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Pete Petersen 886-9021

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Helen Serras-Herman 761-9907

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Gloria Jean Dana 369-7225

FIELD TRIPS (COMMITTEE)

Wolfgang Mueller 896-3197

Shiela Powell 578-1976

Janelle Cortwright 761-1924

HISTORIAN

Bill Cascio 638-8144

JUNIOR EDUCATION

Ron Graichen 529-2661

KITCHEN

General Membership

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Twink Monrad 297-9454

MEMBERSHIP

Wayne Klement 954-6298

SECURITY

John Poole 777-5588

SILENT AUCTION

Mike DeMeritt 240-5133

Tom McDevitt 575-0517

BUSINESS MEETING REFRESHMENTS

Norma Lackow 742-7561

WEEKLY WORKSHOP SCHEDULE Phone 323-9154

Mondays

9AM - 12PM **Cabbing**

Monitor - Gloria Jean Dana

1PM - 4PM **Silversmith Lab**

Monitor - Terry Cox 296-4949

5PM - 9PM **Cabbing**

Monitor - Joseph Blackcoyote 891-6822

6PM - 9PM **Beginning Faceting**

Monitor - Earl Zoeller 886-3518

Tuesdays

9AM - 1PM **Cabbing***

Monitor - Mike DeMeritt 203-8430

9AM - 1PM **Beginning/OpenLab Faceting***

Monitor - Mike DeMeritt 203-8430

9AM - Noon **Silversmithing Lab**

Monitor - John Poole 777-5588

9AM - Noon **Rock Sawing**

Monitor - Tim Rose

Noon - 3PM **Casting Open Lab**

Monitor - Ron Brooks 520-378-2592

1PM - 4PM **Cabbing**

Monitor - Jerry Glazman 860-689-3432

Wednesdays

9AM - Noon **Cabbing**

Monitor - David Schulte 954-8554

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

Thursdays

9AM - 12PM **Cabbing**

Monitor - Bob Powell 403-8980

9AM - 12PM **Rock Sawing**

Monitor - Pete Peterson 886-9021

1PM - 4PM **Silversmithing**

Monitor - Giac D'Aquisto 207-6219

6PM - 9PM **Silversmithing**

Monitor - Bill Cascio 638-8144

Fridays

9AM - 12PM **Cabbing***

Monitor - Mike DeMeritt 203-8430

1PM - 4PM **Silversmithing**

Monitor - Terry Cox 296-4949

Saturdays

10AM - 3PM **Silversmithing**

Monitor - Terry Cox 296-4949

9:30AM - 2:30PM **Cabbing***

Monitor - Jeff Hanson

Sundays

10AM - 3PM **Cabbing**

Monitor - Dennis Murphy 490-9188

10AM - 3PM **Silversmithing Lab**

Monitor - Giac D'Aquisto 207-6219

*** INSTRUCTION AS AVAILABLE**

Old Pueblo Lapidary Club
 (Cutting Remarks - September 2016)
 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 (____) _____

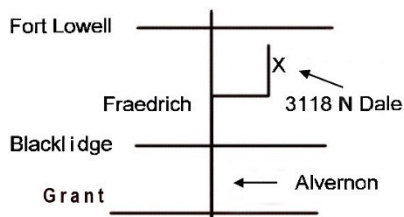
Email address _____ Summer Dates: From _____ To _____

Summer Address _____

City _____ State _____ Zip Code _____

Type of membership:	<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.