

# “CUTTING REMARKS”

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

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Please join us **August 10th**  
at 9 am for the monthly  
meeting. There is an  
optional social hour that  
begins at 8 am followed by  
an educational program that  
begins at 9 am, followed by  
the 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](mailto:silverlininggemstones@gmail.com)), or feel free to call him at 520-203-8430. Submission deadline is the 20<sup>th</sup> of each month. Thanks!

## THE PREZ SEZ ..... by John Poole



August is upon us. Hopefully long runs of 100-degree weather are behind us.

Our meeting in July was short, but all necessary business was conducted. In July we did not have a program, but in August Jim Turner, a local historian, is scheduled to give us a very interesting program. Dennis Murphy did a great job with refreshments and I saw Barbara Allen sneak in with some cookies. Thanks folks!

As I mentioned at the July meeting, the suggestion boxes have been empty the last couple of months. Now, I know with well over 300 members we have got some people with good ideas to improve

the club. All suggestions are presented to the Board of Directors for discussion and action. If you put your name on the suggestion you will hear back from me with the results, and a report will be given at the next business meeting.

The July meeting raffle took in \$103.00, so wear your OPLC name tag and with a purchase of a raffle ticket you will receive a free one. Many great treasures can be found on OPLC's raffle table! You could be a lucky winner, but only if you play.

See you at the August 10th meeting.

### **SPARK TEST FOR METALSMITHING TOOL-MAKERS**

*Before spending time on a tool, be sure you are working with a hardenable material. Mild steel (also called low-carbon steel) contains 0.15 - 0.3% carbon, an amount that is insufficient to cause hardening. To test an unknown piece of material, hold it against a grinding wheel. Mild steel gives dull, round, orange sparks, while tool steel throws bright, star-like sparks that split into multi-pointed bursts at the tip. Medium-carbon steel behaves right in the center of these extremes. Tool steel is the only material worthy of crafting tools expected to perform well and last any length of time.*

### **WELCOME NEW MEMBERS**



**Carol Bartlett**  
**Craig Bevan**

**Glenn Hansel**  
**Tami Schultz**

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July 13, 2013 9:00 AM

President John Poole brought the meeting to order, as a quorum was present.

No program was scheduled for the day.

Five guests or new members were present.

John thanked Dennis Murphy for bringing refreshments to the meeting.

A motion to approve the June minutes passed.

Mark Gibson gave the current treasury report. He added that the club gained some money thanks to John Poole selling some surplus silver.

**NEW CLASS:** Diana Hara is offering a new class for a technique called “Double Viking Weave Chain”. The class will begin Thursday, August 8th. There will be three, three-hour sessions; three students per class; and classes will cost \$30 per person. John mentioned that his wife actually took Diana’s class and said that it was well worthwhile and that Diana is a very capable instructor.

**FUTURE SPEAKERS:** In August Jean Barkley has scheduled Jim Turner, formerly of the Arizona Historical Society. He is now a freelance editor, researcher, and author, and will give a

very interesting talk on Arizona as a mining state.

Our September speaker will be our very own Helen Serras-Herman, renowned author and jewelry designer, who will talk about a journey from Mexico City to Guatamala and will include tales of Mayan Jade.

**FIELD TRIPS:** Bob O’Donnell said that he is working on a field trip for September to be announced, and also a weekend trip October 12-13 in conjunction with the Tucson Gem & Mineral Society to Searles Lake Gem-O-Rama near Trona, California. See the internet for the 2013 Gem-O-Rama information. In addition, Bob said to check the YouTube site to see what this is all about. There will be a sign-up sheet at the August meeting.

**SILENT AUCTION:** Danny Harmsen is working diligently on the annual silent auction which is held in November of each year. He said things are progressing excellently.

**SECURITY:** There have been a few doors left open with no apparent problems resulting, and in the classroom areas a few small items appear to be missing. All should help take care of the things that belong to the Club.

**NEWSLETTER:** Mike DeMeritt was

***(Continued on page 4)***

**(Monthly Minutes Cont'd)**

thanked for producing his usual very good newsletter, though he did apologize that the snail mail newsletters were sent out a bit later than usual.

There were no other Committee reports.

**NEW BUSINESS:** It was announced that Arizona Lapidary and Gem on Pima St. just west of Swan will now be open from 10 to 1 on the second Saturday of each month to coincide with our monthly meetings.

**SUGGESTION BOX:** John reported no suggestions this month. A member at the meeting suggested that we change out the incandescent lamps in our clubhouse displays to a different type of lamp that would be cooler and less expensive. Several members pointed out that the rocks look best under white incandescent or daylight lamps and also that they are only on for a few hours each month/year, so there is no reason to change them at this time.

Melinda Thompson won the door prize. The meeting was adjourned at 9:25 AM, and then the raffle was held.

**UPCOMING GEM & MINERAL SHOW**

**Silver City, New Mexico**

**Labor Day Weekend, Aug. 31 - Sept. 2**

**Grant County Conference Center**

**3031 US Hwy 180E at 32nd Street Bypass**

**Saturday 9AM - 5PM**

**Sunday 10AM - 5PM**

**Monday, Labor Day 10AM - 4PM**

**FREE ADMISSION!**

**Presented by Grant County Rolling Stones Gem & Mineral Society**

For more show information:

E-Mail: [rollingstonesgmsshow@gmail.com](mailto:rollingstonesgmsshow@gmail.com)

Website: [rollingstonesgms.blogspot.com](http://rollingstonesgms.blogspot.com)

## **AUGUST GEMSTONE: PERIDOT**

**Peridot** is the gemstone for August, and the name of gem-grade **Olivine**. Olivine is a nesosilicate that occurs as orthorhombic crystals (typically combinations of pinacoids, prisms, and bipyramids), and is mostly granular. It shows no distinct cleavage, and has a conchoidal fracture. Hardness varies from 6.5 - 7.0 on the Moh's scale. It has vitreous luster and is transparent to translucent. Color is from yellowish-green, olive-green, and brown to black with increasing Fe content. There is a complete solid-solution series from *forsterite* (MgSiO<sub>4</sub>) to *fayalite* (FeSiO<sub>4</sub>). Fe is present as Fe<sup>2+</sup> and substitutes directly for Mg<sup>2+</sup>. Common olivine has more Mg than Fe. In the crystal structure of olivine, layers of [(Mg,Fe)O<sub>6</sub>] octahedral are linked by isolated [SiO<sub>4</sub>] tetrahedral. Mg and Fe are randomly distributed in the octahedral positions. Olivine is an important rock-forming mineral, and typically occurs in melanocratic (dark-colored) basic or ultrabasic igneous rocks such as basalt, peridotite, and dunite. In dunite, olivine is by far predominant. It alters to antigorite or other serpentine minerals. Forsterite is also found in metamorphosed dolomitic limestones. Olivine is a common mineral in stony meteorites and constitutes a substantial part of the upper mantle of the Earth.

Peridot, the gem-quality version of Olivine, isn't hard to find. We have the world's most prolific and reliable source here in San Carlos, Arizona. Larger gem crystals from San Carlos have always been hard to find, but a newer source is Pakistan, where the crystals are not only much larger, but typically sport more magnesium (and therefore better apple-green color!) Other new sources include Tanzania, North Korea, China, Vietnam, and a few other south-Asian countries. Peridot can be pesky to polish, but produces beautiful faceted gemstones - give it a try!

*Written/Compiled by Mike DeMeritt, 2012*

## **AUGUST PROGRAM: JIM TURNER, HISTORIAN**

Jim Turner is a retired historian from the Arizona Historical Society and is now a freelance editor, teacher, researcher, and author. His family moved to Tucson in 1951 and he has been studying Arizona history for almost forty years. Jim received his Masters degree in U.S. history from the University of Arizona, and is now an editor for Rio Nuevo Publishers. He writes history articles for various newspapers around the state and his new pictorial history book, "*Arizona: Celebrating the Grand Canyon State*," selected as a "Top Pick" for Southwest Books of the Year by the Friends of the Pima County Library. Jim's articles have appeared in Arizona Highways and local news media and he is well known for his lectures and presentations on Arizona History.

*For more information on Jim, check out his extensive resume and a video on his web site at [www.jimturnerhistorian.org](http://www.jimturnerhistorian.org).*

**His talk at our August meeting will be: ARIZONA IS A MINING STATE**

Who ever heard of diamonds and opals mined in Arizona? Jim Turner will present an overview of mining in Arizona, including prehistoric turquoise mines, boom towns, swindles, prospectors, and millionaires.

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 But not everyone sees it.  
 - Confucius*

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- **DAH Rock Shop** - 10% on most items. 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% 520-624-8098 - **133 E Grant Road, Tucson**
- **Tucson Mineral & Gem World** - 10% 520-883-0682 Web address:  
[www.tucsonmineral.com](http://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**

## **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!**

## **Rate Schedule for Advertisements - - - Ad Sizes & Prices**

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### CLASSES & PROGRAMS

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### FIELD TRIPS (COMMITTEE)

Jerry Behn 761-1924

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

Twink Monrad 297-9454

### MEMBERSHIP

Wayne Klement 954-6298

### SECURITY

John Poole 777-5588

### SILENT AUCTION

Dan Harmsen 721-8452



**WEEKLY WORKSHOP SCHEDULE Phone 323-9154**

**Mondays**

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

1PM - 4PM **Silversmith Lab**  
Monitor - Lou Akerman 290-6968

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

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

1PM - 4PM **Faceting\***  
Monitor - Mike DeMeritt 203-8430

6PM - 9PM **Silversmithing**  
Monitor - Billy Bob Riley 225-9060

**Wednesdays**

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

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

6PM - 9PM **Silversmithing Lab**  
Monitor - Bill Cascio 638-8144

6PM - 9PM **Faceting\***  
Monitor—Billy Bob Riley 225-9060

**Thursdays**

10AM - 1PM **Rock Sawing**  
**(BY APPOINTMENT ONLY)**  
Monitor - Jim Baker 886-2126

**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 749-3157

**\* INSTRUCTION PROVIDED AS AVAILABLE,  
MAY REQUIRE DOUBLE-PUNCHED  
HOURS**



There were no donations to the club this month.

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

Old Pueblo Lapidary Club  
 (Cutting Remarks - August 2013)  
 3118 N. Dale  
 Tucson, AZ 85712  
 (520) 323-9154

OPLC Membership Application - Please Print

Name1 \_\_\_\_\_ Name 2 \_\_\_\_\_ Date \_\_\_\_\_

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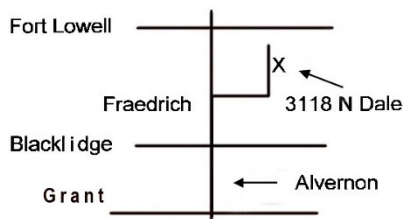
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Summer Address \_\_\_\_\_

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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 2<sup>nd</sup> 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.