

“CUTTING REMARKS”

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

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2018 Tom McDevitt 575-0517

2018 - 2019 Diane Braswell

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Membership Chairperson

Wayne Klement 954-6298

Please join us **August 11th** at **9AM** for the monthly meeting. There is an optional social hour that begins at **8AM**. 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

08/02/18

The dessert is blooming again with all the nice rain we've been getting. We've had some nice light shows as well during the monsoon. Our business board meeting for July was held on Friday, July 13th, 2018. Our next business board meeting will be held on Friday, August 3rd in the main building at the club at 10 AM. Members are always encouraged to attend and participate in the clubs future.

My thanks go out to all the monitors for their time contribution in opening and running the labs for our members. We are looking for experienced facetors to take some time slots in the faceting lab so we can open this lab up more for our members. If you're interested, please contact David Schulte.

Your current board is still looking for folks that would like to run for the board and help shape the future of our club and we are trying to get nominee's in work soon rather than waiting until November again.

Twink Monrad will be heading up the nominee board effort for us again this year. If you are interested in taking a more active role in running the club, please talk to David Schulte or any of the current board members. We are also looking for someone to take over as president and if you're interested, please contact David Schulte or any of the other current board members.

Our speaker this month, on August 11th, will be Dr. Larry Fellows, will be presenting to us Geologic Features in Southern Arizona.

We are always looking for ideas on how to improve the club for you, our members, and welcome any suggestions for changes that anyone might have. Please make use of the suggestion boxes in the training building or the main building with your ideas.

David



*Without a doubt, good and accurate
use of files comes from practice,
and more practice.*

-Charles Jarvis

Front Cover Pictures: Top-quality **Olivine** (known as **Peridot**) of stunning color and clarity, from Pakistan. Chalcedony stained green by nickel is called **Chrysoprase**, as in this highgrade cab.

Cutting Remarks, Volume 2018, Issue 8, August 2018. 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... Patrick Droll, Secretary

07/14/18 OPLC Club Meeting Minutes

David Schulte thanked Patti Polk for her presentation on "Agates & Jaspers of the Southwest" and Peggy Hays for supplying the food.

David informed the attendees that Mike DeMeritt's father passed away last weekend and to keep Mike and his family in your prayers.

Motion was approved for last month's club meeting minutes.

The treasurer Bob Powell is out this week so no report was given.

The membership chairman Wayne Klement reported that the club has 421 members currently.

Helen Serras-Herman gave a status on future speakers

David reported that a couple people have volunteered to take over the silent auction and donation efforts. David thanked Tom McDevitt for his years of service handling the silent auction and work that goes along with it.

Bill Cascio gave a library status.

David brought up to the attendees that if any member has tools, rocks, jewelry or other stuff for sale we have a bulletin board over in the training building where advertisements for these items can be posted by any member in good standing with the club. If a member wishes to advertise more broadly to the club members, they are welcome to take out an ad in our news letter. Please contact Mike DeMeritt if you want to put an ad in the news letter. Also please date your postings and remove them as necessary once you have sold your item.

David reported that there are still a few people who have not signed the liability waiver. Until your dues are current and the liability waiver

is signed you CANNOT use any of the club labs or equipment.

Our web site manager has not incorporated the comments for the web site update. David will be meeting with him shortly to try and get this done.

David reminded the membership that the club takes aluminum can donations and to crush them if possible as we get more money for the crushed can's (\$0.10 more per pound) then uncrushed.

David reminded everyone that the new 2019 board selection process is starting. If anyone in the club is interested in running for any position on the OPLC board you are welcome to put your hat in the basket. We are trying to find a volunteer to take over the job as the nomination chairman/chairperson for this effort. Please see David or Twink if you would like to volunteer for this. Twink is accepting nominations for board members until such time as we get a nomination chairperson. Nominations will be accepted up to October and the board slate will be posted in November with the vote for the new board in December. The new board will take over in January 2019. Bill Penrose has graciously agreed to take over the job of secretary for the board next year when Pat Droll takes over as treasurer for the club. We are always looking for fresh ideas on how to improve the club and welcome all members to join the board and help make it better for everyone. I would like to hand the reigns of the presidency over next year and if you are interested in this position, please see me after the meeting.

David reported that current lab times are posted on the bulletin board Bill Casio so graciously installed in the training building hallway along with a library book drop outside the cab lab.

Meeting was adjourned at 10:45 am

2018-2019 OPLC Speakers

Larry Fellows, Geologic Features in Southern Arizona
(August 11, 2018)

Scott Sucher, Faceting- Considerations for Cutting Sensitive
Materials (September 8, 2018)

Nick Sacketti, “Fluorescent Minerals” (October 13, 2018)

Wolfgang Mueller, “Arizona Gemstones” (November 10, 2018)

Kevin Lane Smith, lapidary and jewelry artist (January 8,
2019)

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

**Mastery doesn't interest me -
there is a world full of virtuosos.
I like to work as if
I'm at the beginning.**

- Betty Oliver

August 2018 OPLC Speaker- Dr. Larry Fellows



We are in for another great treat for our August 11, 2018 OPLC monthly meeting. Past Arizona State Geologist and retired Director of the Arizona Geological Survey, Dr. Larry Fellows, will be presenting to us **Geologic Features in Southern Arizona**.

Larry shared that he will begin his presentation with a non-technical summary of the Basin and Range province, which includes southern and western Arizona. Following that, he will discuss, in general terms, three prominent and distinctly different geologic features that formed before the Basin and Range event: Catalina and Rincon Mountains, Texas Canyon, and the Chiricahua Mountains. He says that he is also sort of a history nut and will conclude with a generalized summary of the impact of geology on early Arizona history and settlement.

Dr. Larry Fellows, born and raised in Iowa, earned degrees in geology from Iowa State College, the University of Michigan, and the University of Wisconsin. After working in petroleum exploration and teaching at the university level, he began employment at the Missouri Geological Survey. In 1979 Larry was selected to be director of the Arizona Geological Survey and the first official Arizona's State Geologist, a position he held until his retirement in 2005. He transformed the Bureau of Geology and Mineral Technology into the modern Geological Survey.

I am very thankful to Ginny and Pete Peterson for suggesting this speaker.

Please make sure you don't miss this great speaker. We are so fortunate to have so many incredible people right here in Tucson that we can tap into their knowledge and experience! If we are lucky, he may come back in the future and give his presentation on the "Eruption of Vesuvius at Pompeii and Herculaneum, Italy"! Can't wait!

Looking forward to seeing you all,

Helen Serras-Herman, OPLC Program chair

WELCOME NEW MEMBERS



**Marsha Blitzer
Kittra O'Conner**

**It took more than a year to anneal
the huge 200-inch telescope lens
for the Palomar Observatory
in California.**



No donations this month

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

OPLC CALENDAR August through October 2018 including field trips

Send additions to Janelle at bum140@aol.com, or 520-223-1675

August 3 – Board meeting at OPLC Clubhouse 10 AM. Members welcome to attend.

August 11 – Monthly OPLC member meeting. Doors open 8am, meeting at 9am OPLC Clubhouse.

August 31 – Board meeting at OPLC Clubhouse 10 AM. Members welcome to attend. Subject to date change.

4 September – 7 September. Field trip to Alpine, Az. See more information in August newsletter. Sign up either at meeting or with Janelle at bum140@aol.com.

September 8 – Monthly OPLC member meeting. Doors open 8am, meeting at 9am OPLC Clubhouse.

October 5 – Board meeting at OPLC Clubhouse 10AM. Members welcome to attend.

October 13 – Monthly OPLC member meeting. Doors open 8AM, meeting at 9AM OPLC Clubhouse. **PARKING LOT SALE** after meeting in north lot. More info in September newsletter and at September meeting. Open only to members to sell and/or buy.



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Alpine, AZ Field Trip

4 – 7 September 2018

Leaders: Janelle Cortright and Jerry Behn, 520-223-1675, or bum140@aol.com

Tuesday and Friday are driving days. Arrive and depart when you prefer.

This trip is for two full days of rockhounding, 5 and 6 September, with driving over all kinds of roads. Off road vehicles recommended as there can be lots of mud and rough roads. Check with fellow club members to rideshare, or let me know if you can offer someone a ride, either the whole trip or just on days out. Hunting season begins around September 7. Snakes are around, as well as bear and elk. Wear long pants, long sleeves, hat, gloves and shoes for walking/climbing as we are in the mountains. Bring sunblock and mosquito repellent also. Cellphones don't work for much of the area we'll be in.

The day begins with us departing Bear Wallow Restaurant at 830am. Bring all your digging and carrying equipment with you, and lunch, and water to drink and to wash off specimens you find. Areas generally have somewhat loose soil. We aren't quite sure what the terrain will be this year due to fires this season. Group dinner at 630pm, or you can bring your own if you prefer to camp and cook out. Restaurant on Tuesday, September 5, will be at Firefox, located near the main intersection in town. Let me know if you'll be there by then.

There are several hotels in and around Alpine. We are staying at Tal-Wi-Wi. It's not necessary to stay there, just be at the meeting point to leave on Wednesday and Thursday. There is also an RV park for those that wish to camp. There is a store in town for necessities, but the closest grocery store is in Springerville.

We'll be looking for yellow, orange and/or red carnelian, luna blue agate, crystals, and maybe petrified wood. Our search area will cover quite a few miles. Please arrive with a full gas tank for your vehicles, air in the spare tire and have checked the oil and water. We've had folks before that weren't prepared, and have delayed all of us. If there's time, there is a new rock shop in Reserve we can visit. The owner has good prices. Also, if you have time either before or after our days hunting, Socorro, NM has a marvelous mineral museum.

Sign up with me online. I need names, address, email, telephone number and contact in case of emergency. I'll bring disclaimer notices with me, and will have some at the August meeting. Everyone attending will need to be a current member, children also.

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* ($MgSiO_4$) to *fayalite* ($FeSiO_4$). Fe is present as Fe^{2+} and substitutes directly for Mg^{2+} . Common olivine has more Mg than Fe. In the crystal structure of olivine, layers of $[(Mg,Fe)O_6]$



Precision-cut Gem-grade Peridot from Pakistan.

octahedral are linked by isolated $[SiO_4]$ 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.



Apple-green Pakistani Peridot crystal.



Facet-grade rough peridot crystal pieces from San Carlos, Arizona.

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

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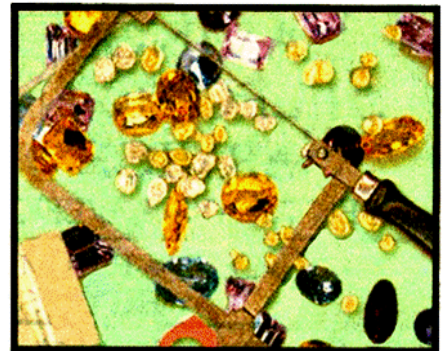
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- **Colorwright** - 520- 297-9454 Web address: <http://www.color-wright.com/>, **MAILING ADDRESS:** 1520 S Desert Crest Dr., Tucson, AZ 85713. Amount of discount depends on item(s) being purchased.
- **Jay's of Tucson** - 30% discount excluding orange 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
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- **Arizona Lapidary** - Arizona Lapidary & Gem Rough - 10% Discount off rough rock 520-399-6641
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- **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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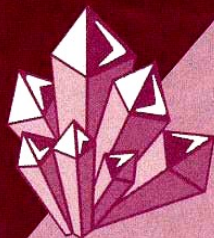


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Tom McDevitt 575-0517

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Norma Lackow 742-7561

WEEKLY WORKSHOP SCHEDULE Phone 323-9154

Mondays

9AM - Noon **Cabbing**

Monitor - Mike Wendler 817-751-0622

1PM - 4PM **Silversmith Lab**

Monitor - Pat Droll 345-2792

3:30PM - 6PM **Cabbing**

Monitor - Margarette Harris 561-2315

6PM - 9PM **Faceting Open Lab**

Monitor - Earl Zoeller

6PM - 9PM **Cabbing****

Monitor - Donovan Wagner 869-2050

Tuesdays

9AM - 1PM **Cabbing***

Monitor - Dan Lilly 801-995-9692

9AM - Noon **Silversmithing Lab**

Monitor - John Poole 777-5588

1PM - 4PM **Faceting Open Lab**

Monitor - Billy Bob Riley 225-9060

1PM - 4PM **Cabbing**

Monitor - Liz Williams (818)300-5262

6PM—9PM **Cabbing**

Monitor - Victoria Fila 664-0302

Wednesdays

9AM - Noon **Cabbing**

Monitor— Sharon Wilcox 878-8685

9AM - 1PM **Silversmithing**

Monitor - Dennis Murphy

Noon - 3PM **Rock Sawing**

Monitor - Sharon Wilcox 878-8685

6PM - 9PM **Cabbing**

Monitor - Keith Haubert 784-8283

6PM - 9PM **Silversmithing Lab**

Monitor - Bill Penrose 780-1143

Thursdays

9AM - Noon **Rock Sawing**

Monitor - Pete Petersen 886-9021

9AM - Noon **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 **Cabbing**

Monitor - Tom Tuten 803-260-5423

Fridays

9AM - Noon **Cabbing****

Monitor - David Schulte 954-8554

1PM - 4PM **Silversmithing**

Monitor - James Germaine, 520-288-0135

1PM - 4PM **Cabbing**

Monitor - Pete Valentine, 208-409-7910

6PM - 9PM **Cabbing**

Monitor - Victoria Fila 664-0302

Saturdays

9:00AM - 2:00PM **Silversmithing**

Monitor - Pat Droll 345-2792

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

9AM - Noon **Rock Sawing**

Monitor - Mark Gibson

10AM - 3PM **Silversmithing Lab**

Monitor - Giac D'Aquisto 207-6219

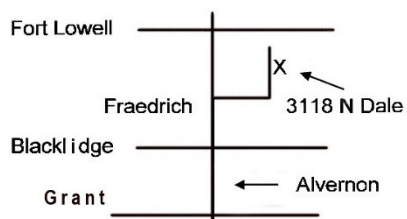
10AM - 2PM **Cabbing**

Monitor - Donavan Wagner 869-2050

• **INSTRUCTION AS AVAILABLE**

**** FIRST TWO MON/FRI OF EVERY MONTH IS CABOCHON CLASS, WHILE THE OTHERS ARE OPEN LAB**

Old Pueblo Lapidary Club
(Cutting Remarks - August 2018)
3118 N. Dale
Tucson, AZ 85712
(520) 323-9154



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.