

“CUTTING REMARKS”

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

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President Jack McCabe 520-297-3029
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2025 Wendy Huber 206-669-6002

Advisor - David Schulte 520-954-8554 (Past President)

Membership Chairperson - Jan Keisler 520-333-3398

Please join us **June 14**
at 9:00am for the next
monthly meeting.
There is an optional
social hour that
begins at 8:00am
followed by the
monthly business
meeting. Visitors are
always welcome.



Articles or news to be included in the *Cutting Remarks* should be emailed to your Editor, Wayne Klement (wayneklem@aol.com) or call him at 520-954-6298. Submission deadline is the 25th of each month. Thanks!

Club mailing address: Old Pueblo Lapidary Club, 3118 N Dale, Tucson, AZ 85712

See us online at: www.lapidaryclub.org

Email address: oplc3118@yahoo.com

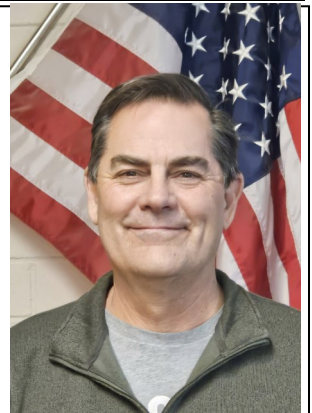
THE PREZ SEZ by Jack McCabe, President

Our semi-annual clean-up day at the club was postponed to the fall. We will let everyone know the details when it cools off.

Remember that the Club does take donations of rocks and lapidary equipment to help keep the Club operating. We are a 501 c and your donations are tax deductible. We will even come to you and pick-up the donations, all you have to do is let anyone on the board know.

We will have a Show and Tell section at the meeting. If you have any examples of projects you created in the labs or if you have been to a good rockhounding area and would like to tell the club about it we would love to hear from you.

Hope to see you at the Club.



OPLC MEMBERSHIP INFORMATION

An application form can be downloaded from the Club website at: [Old Pueblo Lapidary Club Join US](#)

MEMBERSHIP RATES FOR NEW MEMBERS

	Jan - Jun	Jul - Dec
Single	\$35.00	\$20.00
Couple	\$50.00	\$35.00
Juniors	\$15.00	\$10.00

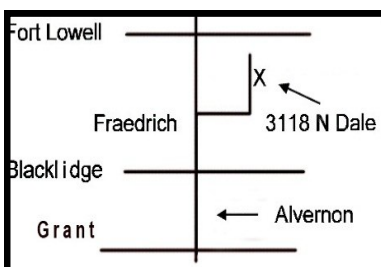
MEMBERS RENEWING

\$30.00
\$45.00
\$10.00

Note: Renewal fees will apply for members returning to rejoin regardless of the time of year.

Make check out to OPLC and mail to:

Old Pueblo Lapidary Club
Attn: Membership Chairperson
3118 N. Dale Avenue
Tucson, AZ 85712



The Business Meetings are held on the 2nd Saturday of each month except for December. A pre-meeting social hour is at 8:00 a.m., followed by an educational program, and ends with the monthly meeting. Visitors are most welcome.

Our email address is: oplc3118@gmail.com

Minutes of OPLC Membership Meeting
May 10, 2025, at 9:00 am at OPLC
William Penrose, Secretary, wrp0143@comcast.net

The presentation was given Arizona historian Jim Turner, who spoke on “The Mine With the Iron Door,” the legend of a lost mine in the Santa Catalina Mountains, and the disconnects between the legend and historical fact.

Announcements

Wayne Klement was thanked for bringing the donuts.

Treasurer Report – Mike McDowell – April 2025 books have been closed. The net income for April was slightly negative. Exact figures are not shown since this version of the minutes is available to the general public.

Membership – Janet Keisler – Members in good standing is at 404 plus memberships received today. Members are reminded to carry their membership cards for admittance to the labs as well as to claim discounts at participating merchants.

Pima Country Fair – Dave Richardson – We had too few volunteers to keep the booth staffed over the entire ten days of the fair.

Field Trips – Mo Garrett – She is organizing a three day trip to Wickenburg in October or November, with visits to four locations for obsidian, pastelite, quartz crystals, and fluorescents. A tour of the Vulture Mine may be included.

Show and Tell – A new feature of monthly meetings.

Peter Mike – displayed work made with gold and Coober Pedy opal.

Jack McCabe – was on a field trip to the southern Chiricahua Mountains with the Sierra Vista rock club, where he recovered a large amount of peanut obsidian

New Business –

A member suggested a new sign for the clubhouse, possible made from metal. It will be on the agenda for the next board meeting June 3.

Six door prizes were awarded.

Meeting adjourned at 10:40 am.

June 14, 2025, OPLC speaker - Jeffrey W. Martz, PhD
Triassic Paleontology in the Western Interior: 1985-2025



Dr. Jeffrey W. Martz, at the Museum of Texas Tech University booth at the 2024 Lubbock Gem & Mineral Society Club; Photo © HSH

We are in for another great treat for our June 14, 2025 OPLC monthly meeting, with a new speaker visiting Arizona, Dr. Jeffrey W. Martz Curator of Paleontology Museum at the Texas Tech University in Lubbock, Texas, and Director of Antarctic Research Center. He will be talking to us about the **Triassic Paleontology in the Western Interior: 1985-2025**. Here is a lengthy description of his presentation:

During the Triassic Period, life underwent one of the most important evolutionary radiations in Earth history between the Great Dying at the end of the Permian and the establishment of more modernized and dinosaur-dominated ecosystems in the Jurassic. The past 40 years has led to an improved understanding of the transitional nature, complexity, and global variability of Triassic ecosystems as the Paleozoic world faded and the Mesozoic world emerged. In the Western Interior of the United States, the Triassic terrestrial fossil record is best known from the Early-Middle Triassic Moenkopi Formation and Norian-Rhaetian Chinle Formation of the Colorado Plateau, the Late Carnian-Rhaetian Dockum Group around the edge of the Southern High Plains, and the Carnian-Norian Chugwater Group of the Rocky Mountains.

The Triassic marine is particularly well-represented in the Basin and Range of Nevada. Three major “renaissance” periods of paradigm-shifting research and multi-institutional activity can be identified, with each subsequent renaissance involving more institutions, expanding the range of organisms examined, and gaining deeper insights into the relationship between Triassic evolutionary and environmental change. The first Triassic renaissance, which occurred between 1915 and the beginning of World War II, made foundational collections and produced important early work on alpha taxonomy and biostratigraphy.

The second renaissance, which occurred between about 1967 and 1995, saw additional groundbreaking work on the alpha taxonomy as well as the first widespread application of cladistic methods to Triassic vertebrate systematics. However, the second renaissance was followed by an interval of extensive oversimplification of vertebrate systematics, lithostratigraphy, and biochronology to facilitate intercontinental correlations, creating an appearance of global faunal uniformity which has not stood up to later scrutiny. A third Triassic

June speaker cont'd on top of next page.....

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renaissance, which began in the early 2000s is still underway, has not only revitalized interest in the Chinle and Dockum fossil

record but includes the most intensive work on the Moenkopi Formation and Chugwater Group in a century. In addition to an explosion of new discoveries, improved descriptions and phylogenetic analyses of both new and previously known vertebrate material, and the widespread application of CT scanning and 3D modelling technology, this third Triassic renaissance is characterized by improved rigor in the methodology applied to both systematics and biochronology. A stricter apomorphy-based approach to the identification of Triassic vertebrates has revealed rampant convergence, high degrees of Late Triassic global endemism that may be climatically controlled, and a surprising diversity of Permian and Early-Middle Triassic clades that survived into the Late Triassic. Ornithodiran diversity was both greater and more regionally varied than previously appreciated.

A current revolution in our understanding of Triassic microvertebrate diversity is being driven by improved collecting methods and 3D scanning and printing technology. Improved rigor has also been applied to vertebrate biochronology, emphasizing the importance of detailed biostratigraphy and radiometric calibration to establish detailed and accurate local biochronologic subdivisions and chronostratigraphic correlations. The last twenty years has also seen an increased appreciation of the role of tectonic processes (particularly the movement of North America, volcanic activity along the western margin of North America, and CAMP volcanism) in driving global climatic and biotic change.

Dr. Jeffrey W. Martz is a geologist and paleontologist who studies the animals and environments of the Late Triassic, the beginning of the Age of Dinosaurs. He obtained his Bachelor's degree in Zoology from Colorado State University in Fort Collins in 1999 and conducted his graduate studies at Texas Tech University in Lubbock, where he began to specialize in the study of Upper Triassic stratigraphy and vertebrates. Dr. Martz received his Master's degree and PhD in Geosciences from Texas Tech University in 2002 and 2008 respectively.

After departing from Texas in 2008, he spent three years working at Petrified Forest National Park in northern Arizona, which contains one of the most complete records of Late Triassic environmental and ecological changes in the world, producing publications and a revised geologic map. After leaving Petrified Forest, he spent several years doing freelance geology and paleontology work for the Denver Museum of Nature and Science and Mesalands Community College in Tucumcari, New Mexico, and the Utah Geological Survey. This work resulted in publications and open file reports relating to Upper Triassic stratigraphy and paleontology. Dr. Martz was hired as Assistant Professor of Geology at the University of Houston-Downtown in the fall semester of 2019, receiving tenure in 2020. At UH-D, he continued field work in the Upper Triassic rocks of Utah, Arizona, Colorado, and Nevada, publishing on the oldest dinosauromorphs from Colorado, which were collected from the Eagle Basin of Colorado. Dr. Martz took over as Curator of Paleontology at the Museum of Texas Tech University in the fall of 2024.

Please make sure you don't miss this great speaker. For more information about visit [Museum of Texas Tech University | Museum | TTU](#) .

Looking forward to seeing you all, Helen Serras-Herman, OPLC Program Chair.

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OPLC Speakers Forecast 2025

I would like to thank all our speakers who give us some terrific and diverse presentations that our members have truly enjoyed. They come near and far and we are definitely enriched by their shared knowledge and expertise. And huge thanks to all of our members who come and are great audiences for our speakers.

Here is the latest list for our upcoming speakers:

- June 14, 2025, Dr. Jeffrey Martz, Curator Paleontology Texas Tech University (TTU), Lubbock, Texas, **Triassic Paleontology in the Western Interior: 1985-2025**
- July 12, 2025 Sindi Schloss, **The Symbolism of Stones & Jewelry**
- August 9, 2025 Ron Hyde, Curator of Southern Arizona Museum of Science & Technology in Sierra Vista presenting **Museum Collections**
- September 13, 2025, Chuck Galloway, **History of Mining in Santa Cruz County 1540-1946**
- October 11, 2025 Gwendolyn Awen Jones, **The Gallanish Stones in Scotland**
- November 8, 2025 _____
- December 13, 2025, Holiday Party (no speaker)

OPLC Speakers Forecast 2026

- January 10, 2026 Sandy Lanter Raynor, **Jewelry Styles and Trends during the Revolutionary War (1775-1783)**

WELCOME NEW MEMBERS



Mark Hixson
John Lynn
Lorna MacQuarrie
Pam Meklus

Bruce Noble
Melissa Noble
Nico Powell
Laura Zeiner

DONATIONS

Thanks to those that have made donations in the past to help keep this club running! We welcome donations so if you have lapidary related items, please call Wayne Klement, 520-954-6298 and leave a message to make arrangements to have the donation picked up if you need help or to drop off at the Club.

- Raining Rocks donated some beautiful tumbled quartz and amethyst specimens that will be sparingly handed out to kids that visit our booth at the Gem Show and Fair.

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January 30 - February 17, 2025 10am- 5pm



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- **DAH Rock Shop** - 10% on most items, \$10 minimum purchase.
520-323-0781 **3401 Dodge Blvd, Tucson. See ad.**
- **Kent's Tools** - 10% discount except for net priced merchandise.
520-461-1350 - **2745 N 1st Avenue, Tucson 85719. See ad.**
- **Raining Rocks** - NEW LOCATION - 6756 S Nogales Hwy, Tucson, AZ 85756 520-345-7957. 10% Discount for OPLC members. **See ad.**
- **Tucson Mineral & Gem World** - 10% 520-883-0682 Web address:
www.tucsonmineral.com **2801 South Kinney Road, Tucson**
- **Arizona Lapidary** - Arizona Lapidary & Gem Rough - 5817 E Speedway Blvd. 10% Discount off rough rock 520-399-6641.
- **Silver Lining Gemstones** - 20-35% discount on most items.
520-203-8430. Mike DeMeritt on his Instagram Store (IG Name: **silverlininggemstones**)

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MINUTES OF TUESDAY, JUNE 3, 2025 OPLC BOARD MEETING

5:00 pm, W Penrose, wrp0143@comcast.net

Present: Jack McCabe presiding, Mike McDowell, Chuck Lundstrom, Bill Penrose, Wayne Klement, Janet Keisler, Mark Dragoslovich, Dave Richardson, Twink Monrad, Wendy Huber. A quorum was present.

Treasurer's Report – Mike McDowell – The cash position is negative for May, due to expenses for insurance, a new computer, and a new safe. Shop cards were the largest item of income. Exact numbers are not given here, but are available to members on request.

Mike has registered the club with Tech Soup, which allows the club to buy discounted software due to our nonprofit status.

Mike indicated that he is also serving as treasurer of the Tucson Amateur Astronomy Association.

Membership – Janet Keisler – 410 members total.

Lab Reports

Silver Lab – Everything OK.

Cab Lab – Betty Mehlhoff will be monitoring on Mondays. The A/C unit is leaking again.

Saw Room – Betty is giving up her Thursdays to replace Mike Wendler's 8am cabling slot on Mondays. Betty will still be in the saw room on Sunday's.

Faceting Lab – Dave Richardson – Everything OK.

Casting Lab – Chuck Lundstrom – A new melting furnace has been purchased for \$200. The old one is being repaired.

Field Trips – The Queen Mine tour in Bisbee is on for June 24.

A trip to the Wickenburg area is being organized by Mo Garrett for autumn.

Dave Richardson will be contacting Phoenix-area clubs to investigate coordination of field trips.

Other Business

The exterminator has treated the termite issues in both buildings.

Wayne asked if the Club would object to the Detector Club holding its Christmas party the evening of the Club's Christmas party in December. The consensus was that this was a good idea and Wayne could move ahead with the Detector Club party.

Mark Dragoslovich told the meeting of a quarterly award of about \$12K for good ideas that can benefit the community. Members were asked to consider that the Club might compete for this award.

Wendy Huber reiterated her request for photographs of Club activities for the display board used for such things as the TGMS Gem Show display.

Wendy indicated that she knows someone who might give a class on wire wrap. This idea was well received since some members have requested such a class. She will arrange a date for the class.

Meeting adjourned at 5:50 pm.

This is the lab schedule which is current as of 6-10-25. Please CALL the Monitor that is running the lab to make sure that they have space for you.

Cabbing

Monday 8am-11am **Betty Mehlhoff (253) 208-7460**
6pm-9pm Donovan Wagner (520) 869-2050

Tuesday 9am-12pm 1st and 3rd Tuesday Dan Lilly (801) 995-9692
6pm-9pm Brian Peterson (520) 449-2660

Wednesday 5pm-8pm Keith Haubert (520) 784- 8283

Thursday 7am-11am Ken Briggs (520) 780-0640
1pm-4pm Wendy Huber (206) 669-6002

Friday No Labs currently scheduled.

Saturday 4th Saturday 9:00am-2pm Ron Bryan (619) 495-7967
7am-12pm Dennis Stock (602) 421-2707
2pm-5pm Wendy Huber (206) 669-6002

Sundays 9am-12pm Gloria Shenanaquet (520) 396-9715
12pm-2PM Paul Fickle (520) 883-6061
2pm-5pm Mark Davidson (520- 975-6075)

Silversmithing

Monday 10am-1pm Jane Morris (727) 743-0883

Tuesday 9am-12pm Bill Cascio (520) 343-9927

Wednesday 10am-2pm Sloane Padilla (520) 808-8699 (Text Only)
5:30pm-8:30pm Stephanie Mendibles (520) 460-2101

Thursday 10am-4pm Sloane Padilla (520) 808-8699 (Text Only)

Friday 10am-2pm Giac D'Acquisto (520) 444-4143

Saturday 9am-12pm David Schulte (520) 954-8554

Sunday 10am-2pm Giac D'Acquisto (520) 444-4143

Faceting

Monday 9am-12pm Dave Richardson (520) 245-2172 Class & Open Lab

Wednesday 5:30pm-8:30pm David Schulte (520) 954-8554 Open Lab

Thursday 4pm-7pm Chuck Lundstrom (520) 241-9262 Class

Sunday 12:30pm-3:30pm Dave Richardson (520) 245-2172 Class & Open Lab

Casting

Monday ~~Noon-3pm 1st & 2nd Mondays Liz Williams (818) 300-5262~~
Will return July 7!!

Tuesday ~~9am-12pm Steve Weeks (978) 807-0075 (Text Only)~~

M/W/F ~~10am-11am (Text First)~~ **Will return sometime in August!!**

Wednesday 4pm-7pm Chuck Lundstrom (520) 241-9262 Classes every other month, beginning every January, open labs between classes; look for sign-up sheets in the meeting hall. Open lab available when NO class is running. Call for open lab availability.

Thursday 9am-1pm Mark Draslodovich (520)-906-4657

Friday 2pm-5pm 2nd & 4th Fridays Travis Austin (540) 420-3866

Sunday 1pm-4pm 1st & 3rd Sundays Travis Austin (540) 420-3866

Saw Room

Monday 7am-11am Ray Darragh (480) 652-0648

Wednesday 7am-11am Ray Darragh (480) 652-0648

Sunday 8am-11am Betty Mehlhoff (253) 208-7460