

# THE PETROGLYPH

## Newsletter of the Arizona Archaeological Society

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October 2016

### THE 2016 ANNUAL MEETING IS FAST APPROACHING! NOV. 4 - 6, 2016, PRESCOTT VALLEY, ARIZONA

It will be held on the weekend of Nov. 4 - 6, 2016 at the Stoneridge Resort in Prescott Valley. The agenda is now complete and brings you a number of educational and interesting speakers. Field trips will take place Sunday, Nov. 6<sup>th</sup>, with signup at Saturday's meeting. The drawing for the Traveling Quilt graciously donated by last year's host, the Little Colorado Chapter, will be held on Saturday; if you haven't yet purchased tickets for this drawing, you will have a chance to do so on Saturday. Be sure to bring any already purchased ticket stubs!

All chapter directors are invited and encouraged to attend the Chapter Directors meeting the evening of Friday, Nov. 4<sup>th</sup>, at the Smoki Museum in Prescott. (Refer to the agenda in this newsletter). Chapter presidents will elect the 2017 AAS State Board at this meeting, so if any president is unable to attend, they should arrange for a chapter board member to act as their proxy.

This is a potluck meeting - just bring a dish and/or drinks (wine is OK) to share with everyone.

Final agendas may be found inside this copy of The Petroglyph. Signup now and send in your reservation ASAP. Please refer to the September edition for lodging information. Oct. 4<sup>th</sup> is the deadline for most reduced rates.

Glenda Simmons, State Chair

### CHAPTER DIRECTORS MEETING & ELECTION OF 2017 STATE OFFICERS

Friday, Nov. 4, 2016, 5:00 - 8:00 pm

Smoki Museum, 147 N. Arizona Avenue, Prescott, AZ

All Chapter Directors and Officers Invited

#### 5:00-6:30 pm: Potluck Reception

Please bring a dish to share, drinks, etc. (Wine is OK.)

Utensils, napkins, plates etc. will be supplied by the Yavapai chapter.

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Next deadline is 5 pm,  
Friday, Oct. 21

#### THE WINNERS OF THE AAS 2016 AWARDS ARE:

**2016 Professional Archaeologist Award: Dr. David R. Abbott.**

**2016 Avocational Archaeologist Award: Jim Britton**

#### 2016 Professional Archaeologist Award: Dr. David R. Abbott:

Dr. Abbott exemplifies the purpose of this award. His research and analysis of ceramics in the prehistoric central and southern Arizona regions have made major contributions to the knowledge of the culture and economy of the Hohokam, its

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**2016 ANNUAL MEETING OF THE ARIZONA ARCHAEOLOGICAL SOCIETY  
Prescott Club @ Stoneridge, 1601 N. Bluff Top Drive, Prescott Valley, AZ 86314  
Nov. 5, 2016  
AGENDA**

**Saturday, Nov. 5:**

- 8:00 am: Registration, continental breakfast etc., sign up for field trips, etc.  
9:00 am: Welcome: AAS State Chair, Glenda Simmons and Host Chapter President, Julie Rucker  
Announce Traveling Quilt Raffle (tickets on sale by the Little Colorado Chapter), host chapter book sale and silent auction.  
Roll Call of Attending Chapters/Members at Large: AAS State Chair, Glenda Simmons  
9:10 am: AAS Business:  
Introduction of 2017 elected State Officers: Outgoing AAS State 1st Vice Chair, Sandy Haddock  
2016 Financials: AAS State Treasurer, Bob Unferth  
2016 Certification Committee Reports/Recommendations: AAS Certification Chair, Chuck Jenkins  
2016 Membership Report: AAS State Membership Chair Sylvia Lesko (or her representative)  
2016 Arizona Archeologist Publications: AAS State Arizona Archaeologist Chair, Bill Burkett  
Presentation of 2016 AAS Avocational Award to Jim Britton: AAS State Chair, Glenda Simmons  
11:15 am: **BREAK**  
11:30 am: Morning Speaker, Cindy Gresser, Executive Director, Smoki Museum, Prescott: History of the Smoki and Prescott Valley Area  
12:15 pm: **BREAK**  
12:30 pm **LUNCH**, Served on Site  
1:35 pm Speaker #1: Lindo Ogo, Culture Research Director for the Yavapai-Prescott Indian Tribe.  
Linda will speak about the history and culture of the Yavapai-Prescott people.  
2:40 pm Legislative Reports as they pertain to archaeology: Sandy Bahr of the Sierra Club, with Q&A.  
3:15 pm **BREAK**  
3:35 pm Speaker #2: Jerry Erhardt, Verde Valley Chapter: Jerry will present a talk on the Governor Goodwin and Woolsey Expedition through the Verde Valley to the Salt River.  
5:00 pm **No-host bar** (and an opportunity to finalize silent auction items and book sales)  
6:00 pm **EVENING BUFFET DINNER**  
7:20 pm Evening Speaker, Dr. Aaron Wright, Research Associate, Archaeology Southwest. Dr. Wright's topic is 'Along River Margins: The Archaeology of Cultural Edges in Southwestern Arizona.'  
8:20 pm Drawing of Quilt Raffle Winner  
Silent auction and book sale completion (monies etc.): Yavapai Chapter  
9:00 pm Conclusion and thanks: AAS State Chair, Glenda Simmons

**REGISTRATION FOR AAS ANNUAL MEETING, NOV. 4-6, 2016  
Prescott Club @ Stoneridge, 1601 N. Bluff Top Drive, Prescott Valley, AZ 86314**

NAME (S) \_\_\_\_\_

Chapter \_\_\_\_\_ Telephone \_\_\_\_\_ Email \_\_\_\_\_

**OFFICERS:** Will you be attending the Friday night meeting? Yes \_\_\_ No \_\_\_

**Saturday, Nov. 5th Meals are included in the registration fee:**

**Continental Breakfast, Plated Lunch, and Buffet Dinner.**

Do you prefer a vegetarian version of the meals? Yes \_\_\_

**Registration fee is \$40 per member. Register by Oct 1st.**

**Please return this form with check payable to:**

**Yavapai Chapter Arizona Archaeological Society, P.O. Box 1098, Prescott, AZ 86303**

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**...More on Chapter Officers Meeting...**

**6:35-8:00 pm: AAS Business Meeting**

2016 Chapter Financial Reports - State Treasurer, Bob Unferth  
2017 State Budget Review/discussion - State Treasurer, Bob Unferth  
Review/Discussion: Proposal for growth of chapter treasuries - State Treasurer, Bob Unferth  
Review/Discussion: End-of-Year chapter reports – State 2nd Vice Chair, Ellie Large  
Review/Discussion chapter concerns/problem solving/idea sharing, etc.  
Election of 2017 State Officers: State 1st Vice Chair and Nomination Chair, Sandy Haddock  
Chair: Glenda Simmons           1<sup>st</sup> Vice Chair: Open  
Treasurer: Bob Unferth           2<sup>nd</sup> Vice Chair: Ellie Large  
Secretary: Sandy Gauthier  
Review/Discussion chapter concerns, idea sharing etc.

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**...More on the AAS 2016 Award Winners...**

neighboring regions and its sophisticated level of specialization and trade; and it has significantly altered the previous understanding and long-held assumptions by archaeologists in the Southwest. He has worked closely with the Desert Foothills Chapter of the Arizona Archeological Society on several ceramics analysis projects over the years. He has written sections of four different AAS publications. He was the keynote speaker at the January 20, 2007 AAS State Meeting where his topic was “Ceramics in Perspective: The Hohokam Regional Economy during the Sedentary and Classic Periods” and has been the speaker on numerous occasions at AAS Chapter Meetings.

Dr. Abbott has worked primarily with the Desert Foothills Chapter of AAS but his projects have also included members of other AAS chapters. The training he provided in ceramic analysis gave chapter members the opportunity to participate in significant research projects that have greatly increased the understanding of prehistoric archaeology in the central Arizona region of the Southwest.

Dr. Abbott will be presented with his award at the Arizona Archaeological Council’s Annual Meeting, on Friday, November 18, 2016, at the Museum of Natural History in Mesa, Arizona.

**2016 Avocational Archaeologist Award: Jim Britton:**

Joining AAS in 1988, Jim has completed many AAS certification classes. He is now an AAS Certified Instructor for the Stabilization and Reconstruction Course (2001 to present). His area of expertise is adobe and lime mortar preservation and stabilization. He organized and presented stabilization workshops during 1997 for the Phoenix chapter. From 1994 to the present day he has coordinated and supervised the monthly mud-slinging on the Pueblo Grande Museum platform mound with both AAS and SWAT member participation. For the Q Ranch Pueblo Project (1991-2008), he assisted with excavation in the early years and supervised stabilization with Dr. John Hohmann. Stabilization continued at Q Ranch during 2005, 2006 and 2007 with many AAS members enhancing their stabilization skills thanks to Jim’s supervision. Jim has organized and supervised the on-going stabilization of the Rim Country Chapter’s Risser Ranch Ruin Project; he has worked as Crew Chief with Dr. Charles Adams on the stabilization of Homolovi I and II, and since 2010 is stabilizing the San Tan Historical Museum along with stabilization of the Desert Wells Stage Stop.

Jim has given presentations to the Phoenix, Rim Country, San Tan, Agave House, Homolovi, Yavapai, Agua Fria and Ajo chapters and has written numerous reports for the AAS.

Jim will be presented with his award at the AAS Annual Meeting, on Saturday, November 5th, 2016 at the Prescott Club @ Stoneridge, Prescott Valley, Arizona.

**Silent Auction:** Items are still needed for the Silent Auction. Donations from all members are welcome. Contact Chuck Stroh of the Yavapai chapter at charlesstroh@yahoo.com if you have something to donate.

**Book Sale:** Contact Chris Cone at conecj@yahoo.com if you have books to donate.

## CHAPTER NEWS



## Desert Foothills Chapter

September Meeting: David Abbott, Ph.D. presented *It's All About Scale: Polity and Alliance in Prehistoric Central Arizona*. The Pueblo IV period (~A.D. 1275-1400) in the American Southwest was characterized by political upheaval and population distributions for defense. In central Arizona, a large-scale confederation, labelled the Verde Confederacy, may have stretched along the middle and lower reaches of the Verde River and over to Perry Mesa. It is said to have formed during the preceding period and ultimately incorporated large populations and an expansive territory for purposes of warfare against the Hohokam enemies to the south. The hypothesized scale of the Verde Confederacy was regional in size. It may have included ~12,000 members living at ~135 settlements, and a swath of land 125 km in length. If so, the confederacy was organized at a scale that would have made it the largest alliance of its time. But, did it truly exist? Multiple lines of evidence have been brought to bear to address this question, including climate data, agricultural production, architectural building sequences, ceramic manufacture and exchange, and the spatial distribution of race tracks.

October Meeting: Charles Adams, Ph.D., will present *From Rock Art Ranch to Homol'ovi: 13,000 Years of Migration in the Middle Little Colorado River Valley*. Six years of research on Rock Art Ranch near Winslow, AZ, by Arizona State Museum archaeologists have documented human use going back to Clovis times. The ranch was also a focus of intensive hunting, gathering, and small-scale agriculture during the Basketmaker II (early agriculture) period from 1000 BCE to 500 CE. During the 1200s Mogollon groups from the south built numerous small pueblos throughout the region and later joined Pueblo groups from the north to build and occupy the large Homol'ovi pueblos along the Little Colorado River. Evidence of this lengthy use is etched in the walls of Chevelon Canyon. This talk traces this fascinating history of population movement that truly made the area a cultural crossroads.

Chapter Web News: The AAS website, [www.azarchsoc.org](http://www.azarchsoc.org), features a Members-Only page (instructions for access to this section are on the AAS Home Page and DFC Chapter Page.) This page features a collection of links to documents spread throughout the AAS public website. Please take a moment and look at these documents because they are informative and part of our AAS and DFC heritage. If you have info that can add to these documents, Please Share. Hopefully, all of you check in at [www.azarchsoc.org/desertfoothills](http://www.azarchsoc.org/desertfoothills) all year long or when away on other activities. Our home page features a quick reference chart for upcoming speakers this fall; detailed descriptions are available under Upcoming Events. Keep up-to-date during the summer or on vacations with our chapter web site and email blasts for reliable Desert Foothills Chapter information.

Oct. 18-21<sup>st</sup> Extended Field Trip: *Arches National Park and Beyond* with Dr. David Wilcox. The cost is \$175 per member with no refunds after Sept. 15<sup>th</sup>. A suggested itinerary is posted on the DFC website but changes may be made during the trip. This is a semi-hiking trip, with walking on gravel and uneven paths; please know your hiking limitations. Dinners are up to you on all nights. We can evaluate how each day goes and what the group wants. Hotel or camping reservations, transportation, food, fees, etc. are your responsibility. A high-clearance vehicle is recommended. Contact Mary Kearney at [maryk92@aol.com](mailto:maryk92@aol.com) for exact details, reservations, and waitlist. Current Status: Sold out and everyone paid, with people currently on a waitlist.

Oct. 22<sup>nd</sup> Field Trip: Join us for a day trip to Rock Art Ranch. The entry fee to the ranch is \$20 to \$25 per member depending upon attendance. (There is no fee from DFC.) The trip is open to all AAS/DFC members with priority given to DFC members. The trip is limited to 20 participants. The trip down to see the rock art is slippery and requires agility climbing a steep walk way - please know your limitations. A high-clearance vehicle is recommended as the road to the ranch and rock art is gravel. To sign up, email Mary Kearney at [maryk92@aol.com](mailto:maryk92@aol.com); you must register with Mary prior to the trip! A more complete overview is available on the DFC website. Current Status: Sold out and waitlist only available; modification to original hours.

Nov. 15<sup>th</sup> Workshop Class: Join Dr. Jim Graceffa and staff as they take you through the basics of identifying prehistoric pottery at the Verde Valley Archaeology Center in Camp Verde. Learn to identify different Wares

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and Types of prehistoric pottery found in the Verde Valley. The cost is \$25 per member with the option to purchase a \$15 book, "Pottery Analysis for the Verde Valley." This class is open to AAS/DFC members with priority given to DFC members. Class size is limited to 14 preregistered members; you can only sign up with Mary Kearney at [maryk92@aol.com](mailto:maryk92@aol.com) prior to the day of the class. Current Status: Sold out and waitlist only.

--Roger Kearney



### Homolovi Chapter

September Meeting: At our meeting on Sept. 14<sup>th</sup>, Darlene Brinkerhoff introduced a video entitled ***Chocolate: Pathway to the Gods***, documenting the significance of chocolate (cacao) to the gods, the rulers, and everyday people over several millennia in Mesoamerica (where it comes from) and the Southwest, and its spread worldwide. The video was fascinating, and the accompanying chocolates and popcorn (another Mesoamerican development) enhanced the experience greatly. This is an ArcheoProductions presentation, with an accompanying book, ***Chocolate: Pathway to the Gods*** by Meredith Dreiss and Sharon Edgar Greenhill, and we appreciate their graciousness in allowing us to share it.

October Meeting: On Oct. 12<sup>th</sup>, we are privileged to host a presentation entitled ***Ancient Textiles, Baskets, Wood, and Hides from Southeastern Utah: Latest Findings from the Cedar Mesa Perishables Project*** by Laurie Webster, Ph.D., who writes: "During the 1890s, local 'cowboy' archaeologists excavated thousands of prehistoric perishable artifacts from alcoves in southeastern Utah. Most were shipped to museums outside of the Southwest, where they were largely forgotten by archaeologists and the public. Who were these early collectors, where did these objects go, and what insights do they provide about the clothing, ingenuity, and daily lives of the early inhabitants of southeastern Utah?" In this presentation, Dr. Webster will discuss her recent research with these collections and highlight some of the extraordinary 1000 to 2000-year-old textiles, baskets, hides, wooden implements, and other perishable artifacts from sites in this region."

Dr. Webster is an anthropologist specializing in the perishable material culture of the American Southwest. She is a published scholar, a visiting scholar in the Department of Anthropology at the University of Arizona, and a Research Associate at the American Museum of Natural History and the Crow Canyon Archaeological Center. She resides in Mancos, Colorado.

Monthly Meetings: Our meetings are the second Wednesday of the month at 7 pm at the Winslow Chamber of Commerce Visitor Center (Historic Lorenzo Hubbell Trading Post), 523 W. Second St., Winslow. You can also join us and the speaker(s) for dinner at 5 pm at the Historic La Posada Turquoise Room (on your own tab). For more information, contact Sky Roshay at 928-536-3307.

Several field trips are being considered, but due to the busy schedules of the organizers, we're still in process.

--Sky (Majida) Roshay



### Little Colorado River Chapter

September Meeting: Esther Morgan, Forest Archaeologist and Tribal Liaison for the Apache-Sitgreaves Forest, was the speaker at our Sept. 19<sup>th</sup> meeting. Esther updated us on recent finds in the A-S Forests. As part of the Four Forest Restoration Initiative (4FRI), contract archaeologists have been surveying areas of the forest with the heaviest stands of Ponderosa pine. As a result of the ongoing surveys, over 7,000 new sites have been recorded. These include both historic and prehistoric sites. Esther showed us photos of some of the outstanding artifacts which were found, including a hand-sized intact biface, a caliche point, and a Folsom point. Historic sites included manganese mines, homesteads, corrals, Apache railroad beds, and spur lines. Much of the area was burned in the Rodeo-Chediski fire in 2002. More surveys are expected to uncover sites revealed by the Wallow Fire in 2011. The October program is to be announced later.

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The LCRC helped the Casa Malpais Museum and Archaeological Site which sponsored the 2016 Southwest Kiln Conference. This conference is a gathering of archaeologist and potters who are attempting to replicate pre-historic pottery and trying to determine how the ancient potters achieved the results they did. There are many variables ranging from the clay type, clay source, temper used, types of slips and paints, to the type of kiln (reducing, oxidizing or neutral firing) and the type of fuel used. Given all that, the results of the outdoor firings were all very successful. The Southwest Kiln Conference is held annually at different locations in the southwest; the site of the 2017 conference is yet to be determined.

--Carol Farnsworth



## Phoenix Chapter

October Meeting: The speaker for our Oct. 11<sup>th</sup> meeting will be Chris Loendorff, Ph. D., a Project Manager for the Gila River Indian Community Cultural Resource Management Program in Sacaton. Chris will be talking about *Akimel O'odham and Pee Posh Bow and Arrow Technology: Modern Experimental Testing of Ancient Designs*. The Akimel O'odham and Pee Posh used different types of bows for different purposes. Self-bows were used for small game hunting, while recurve bows were employed in warfare. Self-bows are the simplest design and consist of a piece of wood with a string attached. The bow stave for recurve bows, on the other hand, were intentionally bent to form a double-arch shape. Previous researchers have suggested that Athapaskans introduced recurve bows into the Southwest, and have also suggested that this design out-performed self-bows. Since there is very little experimental information available regarding performance differences between these bow types, carefully controlled experiments were conducted using different bow designs, and this presentation summarizes the results of this research. The painting at the right, by Amil Pedro, shows an O'odham Archer Using a Recurve Bow.



Dr. Loendorff earned his Ph.D. and M.A. at ASU, and his B.A. at the University of Montana. He began his career in 1981 doing fieldwork in the Northern Plains but has studied Hohokam archaeology since coming to Arizona in 1989. His research expertise includes projectile point analysis, rock art studies, mortuary documentation, and x-ray florescence analysis of archaeological remains.

September Meeting: The speaker for our Sept. 13<sup>th</sup> meeting was Aaron Wright, a Preservation Archaeologist with Archaeology Southwest. He gave us a well-researched and interesting background on the Painted Rock Petroglyph Site in his talk, *An Archaeological and Historical Overview of the Painted Rock Petroglyph Site along the Lower Gila River*. He reviewed the existing historical information from the earliest references and sketches of the site and explained the archaeology of the area around it.

Sept. 17th Field Trip to Gatlin Site & Painted Rocks: Fourteen of us met at the Gatlin Site in Gila Bend. Corey from the Town gave up his Saturday morning so we could tour the site and the Town museum. He did a terrific job explaining the Town's future plans for this Park. Aaron Wright from Archaeology Southwest was also there to answer our many archaeological questions. One of our group had car trouble and Corey went out of his way to offer assistance. He was able to get the vehicle started and she made it safely home. The rest of us continued on to the Painted Rocks Petroglyph Site where Aaron led the group around the site pointing out interesting glyphs and explaining how this site related to others in the area. One of us had found Bartlett's book online and printed his drawings. We had a great time relocating these glyphs. The group split up then, with some exploring the area around Painted Rocks, others returned home and the rest of us stopped in Gila Bend for lunch.

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Upcoming Speakers:

- Nov. 8: Dave Morris, Ethnobotanist: Harvest of the Desert.
- Dec. 13: Docent, Phoenix Art Museum: Ancient Egyptian Art
- Jan. 10: Melissa Kruse-Peebles, Native Seeds/Search: Prehistoric Agricultural Productivity in the Perry Mesa Region, Central Arizona

The Phoenix Chapter meets at 7 pm on the **2nd Tuesday** of each month in the Community Room at the Pueblo Grande Museum, 4619 E. Washington St., Phoenix. We will take the speaker to dinner at 5:30 pm at the Ruby Tuesday Restaurant on 44th Street and Washington just northwest of the museum. If you are interested in having dinner with the speaker, please call or email Marie (480-827-8070 or [mbrit@cox.net](mailto:mbrit@cox.net)) by Monday afternoon.

--Ellie Large



**San Tan Chapter**

October Meeting: On Oct. 12<sup>th</sup>, Arizona Humanities speaker Eric Berg will present **Eagles and Archaeologists: The Lindberghs' 1929 Southwest Aerial Photographic Survey**. Famous aviator Charles Lindbergh is best known for his pioneering 1927 flight across the Atlantic Ocean in his airplane, "The Spirit of St. Louis." Few people realize that Charles, and his wife Anne, also played an important role in southwest archaeology. During the summer of 1929, a newlywed Charles and Anne worked with noted southwest archaeologists Alfred Kidder and Earl Morris to conduct one of the first systematic aerial surveys of prehistoric sites and geologic features in the Four Corners area. Over the space of several weeks, they took over 200 aerial images of such landmarks as Chaco Canyon, Canyon del Chelly, Grand Canyon and Meteor Crater. Eighty years later, these remarkable photographs give a rare view of the Colorado Plateau in the 1920s and provide unique insights into a wide range of changes that have occurred at the sites since. We look forward to this very informative and exciting history of this important time period.

Award-winning historian and writer Erik Berg tells the exciting tale of the Lindberghs' southwest adventures and discusses a recent project to re-photograph these historic images. The presentation will include many rarely seen images from the Lindbergh survey. Erik has a special interest in the early 20<sup>th</sup> century southwest and the impact of science and technology. A past-president of the Grand Canyon Historical Society, Berg lives in Phoenix where he works as a software engineer for Intel Corporation.

September Meeting: Our Sept. 14<sup>th</sup> speaker, Doug Wolfe, gave our group a really great talk about his work on the Zuni Plateau region of western New Mexico. He is a geologist who evolved into a paleontologist. He says that paleontologists must know the geology of earth to figure out where to find the remains of the dinosaurs living in the Pleistocene period. Doug introduced us to the recently discovered Zuniceratops, which was discovered on the Zuni Plateau area (not on tribal lands). The Zuniceratops lived about 100 million years ago, and survived about 10 million years before the other ceratopsian dinosaurs. (Yes, we learned some new words!) This dinosaur has not been found in other parts of the US, but its ancestors are found in Mongolia. It is thought to have either originated either here in the southwest, or migrated from Asia when the Earth contained only one continent, Pangaea. These fossils can be seen at the White Mountain Dinosaur Exploration Center in Springerville. They are also looking for volunteers; tours are available. Can you imagine going on a dinosaur dig? Sign me up.

The San Tan Chapter meetings are held at the San Tan Historical Society Museum at 20425 S. Old Ellsworth Rd. in Queen Creek (at the corner of Queen Creek Rd and Ellsworth Loop Rd). Parking is behind the museum; enter via the front door. The road into the museum has been redesigned, leaving only 3 spaces in front to park. Our meetings are held the second Wednesday of each month from September to May. The presentation begins at 7 pm. For more information on our chapter, contact Marie Britton at 480-827-8070 ([mbrit@cox.net](mailto:mbrit@cox.net)) or Earla Cochran 480-655-6733 ([earlaken@centurylink.net](mailto:earlaken@centurylink.net)).

--Marie Britton

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## Verde Valley Chapter

**October Meeting:** Our next meeting on Thursday, Oct. 20<sup>th</sup>, will feature speaker Dennis Gilpin, who will present: *The Cavates of Cosmos Mindeleff: Smithsonian Architects Victor and Cosmos Mindeleff and the Study of Pueblo Architecture, 1881-1900*. In 1881 the Smithsonian Institution sent 21-year-old architect Victor Mindeleff to the Southwest to study Pueblo architecture. For the next 15 years, Victor and his younger brother Cosmos examined ancient and existing Pueblo architecture in the Southwest. In 1891 Victor produced a report called *A Study of Pueblo Architecture in Tusayan and Cibola* (that is, Hopi and Zuni), the first professional study of Pueblo architecture. In 1891 Cosmos explored the Verde River from its confluence with the Salt River to Camp Verde, including the Mindeleff Cavate Site, on the east side of the Verde River across from Beasley Flat. It contains ~250 rooms in ~110 suites. The use of the Cosmos Mindeleff maps of the Mindeleff Cavate Site in the 1990s by Susan Hall and Peter Pilles to glean new information about the lives of ancient peoples of the Verde Valley exemplifies the powerful legacy of the Brothers Mindeleff.

Dennis Gilpin is an anthropologist with PaleoWest Archaeology. He received his master's degree in anthropology from the U of A., worked for the Navajo Nation for 14 years and has worked for SWCA Environmental Consultants for the last 16 years. He has conducted excavations in northwest New Mexico, northeast Arizona and along the Arizona-Utah border. He is known for his discovery of early maize (3,000 years old) at Lukachukai and Salina Springs, for his studies of Chacoan outliers, and for his work on Navajo historical archaeology. He has a long and impressive publication list which includes a 2012 architectural analysis of Astinna Pueblo (A.D. 1275-1375) at El Morro National Monument, New Mexico. A 2015 Kiva article, *Southwestern Archaeology beyond Archaeology: Past, Present, and Future* with Scott Ingram examines how Southwestern archaeology has influenced and can continue to influence the wider world beyond archaeology.

Dennis became interested in the Mindeleff brothers in the 1980s when he compiled maps of archaeological sites on the Navajo Reservation for the Navajo Tribal Rangers and realized that some of the best maps of the most important sites on the Navajo Reservation had been made a hundred years earlier by the Mindeleffs.

Our chapter is actively involved in the archaeology of the Verde Valley and the greater Southwest. We are a volunteer organization with a long history of supporting professional archaeology. We work hand-in-hand with the U.S. Forest Service, the Bureau of Land Management, National Park Service, Museum of Northern Arizona Research Center and Northern Arizona University. Whether you are a novice or professional, the Verde Valley Chapter welcomes everyone with an interest in archaeology and anthropology.

Please join us this month for this fascinating program. Admission is free. For additional information or questions, contact: Nancy Bihler 928-203-5822 or visit our website: [www.azarchsoc.org/VerdeValley](http://www.azarchsoc.org/VerdeValley).

--Nancy Bihler

## Yavapai Chapter

**Willow Lake Pit House Tour:** On Tuesday, Sept. 6<sup>th</sup>, President Julie Rucker introduced a group of about a dozen Arizona state judges to the Willow Lake Pit Houses by providing a tour of the site. Julie was assisted by Chris Cone. The judges were visiting Prescott as guests of Judge Arthur Markham. We hope they judged their visit to be rewarding and fun.

**September Meeting:** Our Sept. 15<sup>th</sup> monthly meeting might have set a record for attendance with over 60 people at the gathering. They were treated to an entertaining and informative presentation. The guest speaker was Sandy Lynch, Ph.D., whose presentation was on prehistoric beasts, the mammoths, mastodons, rhinos, elephants, tigers, lions, and all the predators and prey that roamed this area some 14,000 years ago at the end of the Pleistocene. She painted a challenging verbal picture of what it was like to have 7 million square miles of ice





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covering North America at the time and the difficulties it provided for all living creatures. Dr. Lynch is currently working on a permanent prehistoric exhibit in the Lawler building at Sharlot Hall Museum where she has been a curator since 1997.

Member's Photo Gallery: The Yavapai Chapter Member's Photo Gallery was introduced at the meeting. The inaugural exhibit is by Marilyn McCarthy and her photographs will be available to website visitors until the weekend before our Oct. 20<sup>th</sup> meeting. The next photographer or group of photographers will then be announced and their work will be on view until our November meeting. To view the Photo Gallery, visit: <http://www.azarchsoc.org/Yavapai>.

Sept. 24<sup>th</sup> Field Trip: Our monthly field trip is scheduled this month for Badger Creek Canyon in the Agua Fria National Monument. The hike will be led by Warner Wise and will be reported on next month.

Oct. 6-9<sup>th</sup> Multi-day Field Trip: This field trip will be reported on next month as well. We will be visiting Zuni Pueblo and the Zuni area of New Mexico. Flo Reynolds has arranged tours as well as a traditional Zuni dinner for us. This is going to be another in Flo's continuing string of successful events.

Nov. 4-6<sup>th</sup> State Meeting: The State Meeting is just around the corner and promises to be a great weekend in Prescott. By the time this Petroglyph reaches you, the Oct. 1<sup>st</sup> deadline for registration will be past but we hope to meet you at the November meeting.

--Charles Stroh

#### EXHIBIT OPENINGS

Oct. 20, 7-8:30 pm, PGM, Phoenix, Exhibit Opening: *One World, Many Voices: The Artistry of Canyon Records* Exhibit Opening. One World, Many Voices features over 40 images of Canyon Records artists, including R. Carlos Nakai, Tony Duncan, Radmilla Cody, and others, photographed by Robert Doyle, president of the company.

Oct. 28, 7 pm, ASM, Tucson, Talk: *Networking Your Way to Success in the Ancient Southwest* by archaeologist Matthew Peebles, Ph.D., in CESL Room 103, 1100 James E. Rogers Way, UA. This program is a complement to the exhibit *Pieces of the Puzzle: New Perspectives on the Hohokam*, supported by Archaeology Southwest. For more information contact Darlene Lizarraga at 520-626-8381 or [df1@email.arizona.edu](mailto:df1@email.arizona.edu).

#### CONFERENCES

Oct. 6-8, **19<sup>th</sup> Biennial Mogollon Archaeology Conference, Las Vegas, NV**. For more information go to the website ([aboutmyunlv.unlv.edu/anthro/mogollon2016](http://aboutmyunlv.unlv.edu/anthro/mogollon2016)) or contact Barbara Roth at 702-895-3646 or [Barbara.Roth@unlv.edu](mailto:Barbara.Roth@unlv.edu). \$40 if registering before Sept. 16; late or on-site registration \$50.

Oct. 25-29, **2016 Conference on Cultural Astronomy in the Greater Southwest: Before Borders: Revealing the Greater Southwest's Ancestral Cultural Landscape**. Hosted by Crow Canyon Archaeological Center, near Cortez, Co. For additional information go to [sfcaotas.wildapricot.org/2016-Conference](http://sfcaotas.wildapricot.org/2016-Conference).

Nov. 18, **2016 AAC Fall Conference**, Mesa, Az. The symposium will be held at the Arizona Museum of Natural History, with a reception to follow afterwards on the rooftop. Hoski Schaafsma will chair the morning session, and the theme is *The Archaeology of Queen Creek Drainage from the Phoenix Basin to Top of the World*. The theme of the afternoon session is *New Advances in Arizona Archaeology*. For more information, go to [arizonaarchaeologicalcouncil.org/2016-AAC-Fall-Conference](http://arizonaarchaeologicalcouncil.org/2016-AAC-Fall-Conference).

#### STATE PARK ARCHAEOLOGY EVENTS

For information on archaeology- or history-related events at Arizona State Parks (such as Fort Verde State Historic Park, Homolovi State Park, Riordan Mansion State Historic Park, and Tubac Presidio State Historic Park, among others), go to [azstateparks.com/index.html](http://azstateparks.com/index.html).

## UPCOMING EVENTS

## UPCOMING EVENTS GUIDE TO ABBREVIATIONS

AAHS	Arizona Archaeological & Historical Society, Tucson; <a href="http://www.az-arch-and-hist.org">www.az-arch-and-hist.org</a> .
AIA	Archaeological Institute of America, Central Az Chapter; <a href="http://aiacentralarizonasociety.wordpress.com/">aiacentralarizonasociety.wordpress.com/</a>
ASM	Arizona State Museum, 1013 E University Blvd, Tucson; 520-621-6302; <a href="http://www.statemuseum.arizona.edu">www.statemuseum.arizona.edu</a> .
HSP	Homolovi State Park, I-40 Exit 257, 1.5 mi. N on Hwy 87, Winslow, AZ; 928-289-4106
PGM	Pueblo Grande Museum, 4619 E. Washington St., Phoenix; 602-495-0901; <a href="http://www.pueblogrande.com">www.pueblogrande.com</a>
OPAC	Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson; 520-798-1201; <a href="http://www.oldpueblo.org">www.oldpueblo.org</a>
RMSHP	Riordan Mansion State Historic Park, 409 West Riordan Rd., Flagstaff, AZ 86001; 928-779-4395
VVAC	Verde Valley Archaeology Center, 385 S. Main Street, Camp Verde; 928-567-0066; <a href="http://verdevalleyarchaeology.org">verdevalleyarchaeology.org</a> .

Oct. 2 & 30, 10 am, HSP, Winslow, Talk: *Discussion and demonstration of traditional Hopi pottery* by Park Ranger and Hopi Potter, Gwen Setalla. She will explain, how traditional pottery is made and talk about how to recognize authentic made pottery. At the park's visitor center; approx. 1.5 hrs. Day use fee of \$7 required.

Oct. 4, 5:30 pm, ASW, Tucson, Archeology Café: *Cities and Settlements, Past and Present* by Michael Smith. Ph.D., ASU, at Casa Vicente, 375 S. Stone Ave., Tucson.

Oct. 5, 7:30 pm, PGMA, Phoenix, Talk: *Boarded Up: Social and Historical Interpretations of the American Indian Boarding School Era* by Dr. Evangeline Parsons Yazzie, Professor Emerita at NAU.

Oct. 6, 7 pm, SWAT, Mesa, Talk: *Archaeology in Tonto Basin: Roosevelt Platform Mound and Community Development Study* by Jim Britton, who visited these sites and photographed the mounds and rooms while they were being excavated. With the help of site reports, Jim has put together a very informative and interesting power point presentation.

Oct. 8, 9 am-noon, OPAC, Tucson, Workshop: *Arrowhead-making and Flintknapping Workshop* with flintknapper Sam Greenleaf at OPAC Tucson. Cost is \$35 (\$28 for OPAC/PGMA members); fee includes all materials and equipment. Reservations and prepayment required by 5 pm, Oct. 5.

Oct. 13, 7-8 pm, Kingman, Talk: *Archaeology's Deep Time Perspective on Environment and Social Sustainability* by Allen Dart at Mohave Community College Library, Neal Kingman Campus, 1971 Jagerson Ave., Bldg. 300, Kingman; cosponsored by Arizona Humanities. Free.

Oct. 15, 9 am-1 pm, OPAC, Tucson, Special Event: *International Archaeology Day Open House* at Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson. No reservations needed.

Oct. 15, 9-10 am, PGM, Phoenix, Hike: *Petroglyph Discovery Hike #14185* sponsored by PGM in Box Canyon/Holbert Trail, South Mountain Park, Phoenix. \$5 per person. An experienced Museum guide will lead participants on a quick 1-hour interpretive hike, perfect for all ages and busy schedules. Difficulty: Moderate. Space is limited. Registration required by Oct. 13.

Oct. 15, 9 am-4:45 pm, :PGM, Phoenix, Special Event: PGM celebrates *6th International Archaeology Day* in collaboration with the Central Arizona Society of the AIA. Demos on archaeological preservation, children's archaeology dig programs, tours, and artifact interpretation will be available throughout the day. Attend a lecture or try your hand at some fun archaeology related activities and crafts. Visit [pueblogrande.com](http://pueblogrande.com) to **print a ticket for two free admissions**.

Oct. 15, 8 am-noon, TPSHP, Tubac, Special Event: Celebrate *Tubac Anza Days* at the Tubac Presidio, 1 Burruel Street, Tubac. Free. For more information call the Presidio at 520-398-2252

Oct. 16, 23, 30, & Nov. 6, 2-5 pm, OPAC, Tucson, Workshop: *Recreating Prehistoric Maverick Mountain Series Polychrome Pottery Workshop* with Andy Ward at OPAC. Fee \$79 (\$63.20 for OPAC/PGMA members). Includes all materials. Min class size 7, max 12. Reservations and prepayment by 5 pm, Oct. 12.

Oct. 17, 7:30-9 pm, AAHS, Tucson, Talk: *Social Contexts of Chaco and Mimbres Macaws* by Professor Patricia A. Gilman. Free.

Oct. 18, 5:30 pm, ASW, Phoenix, *Archaeology Café*: Lyle Balenquah, Hopi, will talk about *Hopi connections to the rivers of the Southwest*; the continued honoring of named waters in story, song, and prayer; and living connections to places far from the current Hopi Reservation. At Macayo's on Central.

Oct. 20, 10-10:45 am, PGM, Phoenix, Tour: *Behind the Scenes Tour* with collections staff. \$5 tour fee in addition to Museum Admission; discounts for Museum members.

Oct. 20, 6-8:30 pm, OPAC, Tucson, Dinner & Talk: *When Romans Visited Tucson: The Lead Cross Controversy* with archaeologist Dr. Todd W. Bostwick at U-Like Oriental Buffet, 5101 N. Oracle Rd., Tucson; cosponsored by Arizona Humanities. Free; guests may select and purchase their own dinners from the restaurant's menu. Call 520-798-1201 for a reservation before 5 pm on the Wednesday before the program date.

(Continued on page 11)

(Continued from page 10)

**...More Upcoming Events...**

Oct. 21, 9 am-4 pm, Amerind Museum, Dragoon, Workshop: **Flintknapping Workshop** with Harvey Abeyta of Santo Domingo Pueblo at the Amerind Museum, 2100 N. Amerind Road, Dragoon, Arizona. \$120 per person (includes box lunch). The workshop is limited to 10 people, so you are encouraged to sign up early. For more info or to register contact the Amerind at 520-586-3666 or [amerind@amerind.org](mailto:amerind@amerind.org).

Oct. 28, 9 am-noon, ASW, Oro Valley, Class: **How Did People Make and Use Stone Tools?** flintknapping class with archaeologist Allen Denoyer at Steam Pump Ranch, 10901 North Oracle Rd., Oro Valley. \$40; \$30 for Archaeology Southwest members. To register, go to [www.archaeologysouthwest.org/what-we-do/hands-on-archaeology/hands-on-archaeology-classes/stone-tools/](http://www.archaeologysouthwest.org/what-we-do/hands-on-archaeology/hands-on-archaeology-classes/stone-tools/) or contact Kathleen Bader at 520-882-6946 x 26.

Oct. 28, 10-11 am, PGM, Phoenix, Tour: **Park of Four Waters Tour #14107** takes you on a walk through undeveloped, natural desert to the ruins of some of the ancient Hohokam canal headworks along the Salt River. \$5 in addition to general admission; discounts for PGM members.

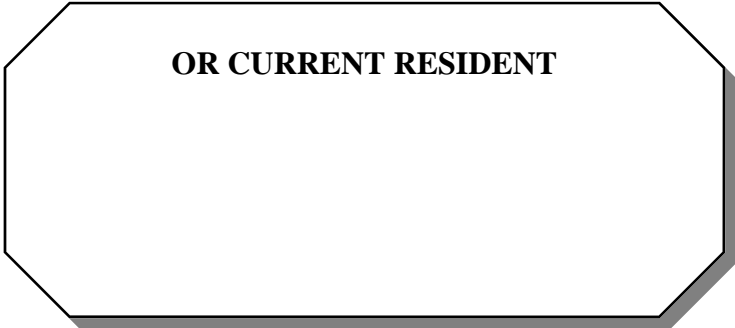
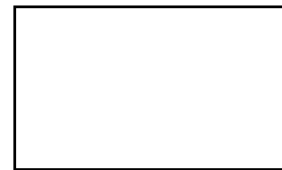
Oct. 29, 2-3 pm, Tucson Presidio Trust, Tucson, Talk: **Did Something Unusual Happen? Tales from Pima County Coroner's Inquests** by Homer Thiel for Saturday Salon and Saloon sponsored by Tucson Presidio Trust/Presidio San Agustin at La Cocina Restaurant's Dusty Monk Pub, 201 N. Court Ave., Tucson. \$5 at the door. No-host food and drinks available. For more information contact Jean at 520-742-4305.

**CHAPTER MEETING SCHEDULE**

<u>Chapter</u>	<u>Location</u>	<u>Date &amp; Time</u>	<u>Membership</u>
Agave House	Black Mesa Ranger Station Conf. Rm. 2748 Hwy. 260, Overgaard	4 <sup>th</sup> Wed., 6:30 pm	Gloria Kurzhals 928-536-3056
Desert Foothills	The Good Shepherd of the Hills Community Building, 6502 E Cave Creek Rd., Cave Creek	2 <sup>nd</sup> Wed., 7 pm Sept. thru May	Glenda Simmons 928-684-3251
Homolovi	Winslow Chamber of Commerce 523 W. 2nd Street, Winslow	2 <sup>nd</sup> Wed., 7 pm	Karen Berggren 928-607-1836
Little Colorado River	Casa Museum, 418 East Main Springerville	3 <sup>rd</sup> Mon., 7 pm	Sheri Anderson 928-536-2375
Northern Arizona	The Peaks "Alpine Room" 3150 N. Winding Brook Road Flagstaff	3 <sup>rd</sup> Tues., 7 pm Sept. thru Nov., Jan. thru June	Evelyn Billo 928-526-3625
Phoenix	Pueblo Grande Museum 4619 E. Washington, Phoenix	2 <sup>nd</sup> Tues., 7 pm Sept. thru May	Nancy Unferth 602-371-1165
Rim Country	Church of the Holy Nativity, The Cottage 1414 North Easy Street, Payson	3 <sup>rd</sup> Sat., 10 am	Carolyn Walter 928-474-4419
San Tan	San Tan Historical Society Museum Ellsworth & Queen Creek Roads Queen Creek	2 <sup>nd</sup> Wed., 7 pm Sept. thru May	Marie Britton 480-827-8070
Verde Valley	Sedona Public Library 3250 White Bear Road Sedona	4 <sup>th</sup> Thurs., 7 pm, Sept. thru May 3 <sup>rd</sup> Thurs., 7 pm, Nov and Dec.	Terrilyn Green 928-567-7116
Yavapai	Pueblo of the Smoki Museum 147 North Arizona St., Prescott	3 <sup>rd</sup> Thurs., 6:30 pm Sept. thru Nov. Jan. thru June.	Joann F. Read 928-925-6358



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Dated material:  
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 Thank you!

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**OBJECTIVES of the AAS:**

- To foster interest and research in the archaeology of Arizona
- To encourage better public understanding and concern for archaeological and cultural resources
- To protect antiquities by discouraging exploitation of archaeological resources
- To aid in the conservation and preservation of scientific and archaeological data and associated sites
- To serve as a bond between the professionals and the avocational non-professionals
- To increase the knowledge and improve the skill of members in the discipline of archaeology
- To participate in investigations in the field of archaeology and to put the information so obtained into published form
- To publish a journal and such monographs as the publications committee deems appropriate

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