
THE PETROGLYPH

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HAPPY NEW YEAR

The future is looking bright for the AAS - membership has grown for the last 3 years, and we have had two very successful Annual Meetings with 100 attendees in both 2018 and 2019. We hope that one of our chapters will step up to take on the challenge to sponsor the 2020 Annual Meeting and make it even bigger and better!

Allen Dart will be teaching a 12-week Advanced Prehistory class in Tucson - *Prehistory of the Southwest: The Hohokam Culture of Southern Arizona* - from January 8 through March 25 (see page 2). We have arranged to have the class videotaped and transferred to DVD so that other chapters may offer it to their members. We plan to tape additional classes as the opportunity arises.

After a couple years of relative inactivity, we now have two new volumes of *The Arizona Archaeologist* in progress. Bill Burkett, editor of the Arizona Archaeologist series, reported that preparation for publishing the next volume (#43) is underway. It will be titled *The Pierpoint Site: A Thirteenth Century Elevated Site near Gila Bend, Arizona*, an investigation of, as Archaeologist David Doyel says in the report's abstract, "a large late prehistoric site (ca. A.D. 1200-1400) located in southwestern Arizona 15 km (9.5 mi) upriver from the Town of Gila Bend." Dave and a team of 27 AAS members, mostly from the now-defunct Agua Fria chapter, began work on the site around 2001. They produced an extensive report. Bill has asked advisors to both the statewide AAS organization and the chapters for volunteers to perform a peer review of the report. Scott Wood, advisor to the Rim Country chapter, has stepped up to work on this. Because of the size of the report (estimated at 250 pages) he is hoping to recruit one or two others to share the work. With any luck, this volume may be issued in 2020.

We are saddened to report that Boma Johnson, the author of *Earth Figures of the Lower Colorado and Gila River Deserts: A Functional Analysis* (AA #20), died suddenly last August. He, his wife Kat, and Bill had been working on a second edition of *Earth Figures* for some time. It was intended to pick up on the additional 20 or so years of work Boma had done on this topic. Kat says that he left a treasure trove of notes and other material, much of it already organized, that can be used to create a second edition. Once again, Bill has appealed to the Society's advisors to help pull this all together and advise along the way. There's no real timeline on this volume - he doesn't really know what it'll take - but it is once again moving ahead.

--Ellie Large, Chair

IN THIS ISSUE...

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Next deadline is 5 pm,
Friday, Jan. 24

Renew Now! There are 3 ways you can renew your AAS membership:

1. At your chapter meeting, fill out the membership form and pay your treasurer;
2. Download the membership form from the AAS website and mail with your check to the address shown on the membership form; or
3. Pay your dues online using **AffiniPay** or a debit or credit card on the AAS website. Logon to **www.AzArchSoc.org**, click on Membership under About Us, and follow the instructions.

Contact Gerry Haase, State Membership Chair, for more info.

UPCOMING CLASSES & WORKSHOPS

Jan. 8-March 25, 6:30-8:30 pm each Wednesday, OPAC, Tucson, **Class: *Prehistory of the Southwest: The Hohokam Culture of Southern Arizona***. 12-session adult education class taught by archaeologist Allen Dart, RPA, at Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson. \$95 donation (\$80 for members of OPAC, AAS, or PGMA) does not include the cost of AAS membership, AAS Certification Program registration, or the recommended text (*The Hohokam Millennium* by Paul R. Fish and Suzanne K. Fish, editors, available from OPAC for \$24.95 (OPAC, AAS, & PGMA members \$20). Reservations and prepayment required by 5 pm Jan. 3. Call 520-798-1201 or email info@oldpueblo.org. For more information or a flyer, go to their website, <http://www.oldpueblo.org/>.

Jan. 19-Feb. 9, 2-5 pm each Sunday, OPAC, Tucson, Workshop: ***Traditional Pottery Making Workshop*** with Andy Ward at OPAC, 2201 W. 44th Street, Tucson. Reservations and donation prepayments required by Jan. 15. Call 520-798-1201 or email info@oldpueblo.org.

SPECIAL EVENTS

Jan. 23, 5-6:30 pm, PGM, Phoenix: ***A Sunset Stroll At Pueblo Grande Museum and Archeological Park*** with Photographer Mike Chesworth. Learn tips and tricks for taking low light photos. Make new friends with a passion for Photography. Enjoy the early evening prepared for photo opportunities or just enjoy the park at sunset. Hot Cider and Cocoa provided. \$10 per person over 18. Museum admission included. Members Free.

Jan. 18, 2 pm, HSP, Winslow: ***Grand Opening of Life Along the River: Ancestral Hopi at Homol'ovi Exhibit*** at the WAT Museum at the La Posada Hotel. The event will include comments by Dr. E. Charles Adams, Hopi performers, and refreshments. Created by the Arizona State Museum at the University of Arizona in Tucson, the exhibition synthesizes more than thirty years of archaeological research, using images, maps, and the voices of present-day Hopi to tell the story of the people who lived in seven villages along the Little Colorado River (near what is now Winslow) in the 1300s. **La Posada Hotel**, 303 E 2nd St., Winslow 928-289-4366.

UPCOMING CONFERENCES

2020 Southwest Symposium Biennial Archaeological Conference

ASU Memorial Union Ventana Room, Tempe

5 pm Thursday, January 30, 2020 to 5 pm Saturday, February 1, 2020

The theme for the 2020 Conference is ***Thinking Big: New Approaches to Synthesis and Partnership in the Southwest/Northwest***. They have an exciting program lined up with three organized sessions, a forum, and posters covering a diverse range of topics, time periods, and regions across the U.S. Southwest and Mexican Northwest.

To register, go to: <https://southwestsymposium.org/registration>.

To download the program, go to <https://southwestsymposium.org/program/>.

Sonoran Symposium

Sonoran Desert Inn and Conference Center, Ajo

March 9–12, 2020

Organized by representatives from the Tohono O'odham Nation, Mexico and the United States, the symposium will offer presentations and dialogue about the dynamics of natural and cultural ecology, environmental challenges, and their relationships to peoples, past and present, living in the Sonoran Desert. At the Sonoran Desert Inn and Conference Center in Ajo. Field Trips March 9, Symposium March 10-12.

SAA 85th Annual Meeting

Austin Convention Center, Austin, Texas

April 22 - 26, 2020

The meeting will be held at the Austin Convention Center and the headquarters hotel, the Hilton Austin. Events are scheduled at both locations. Advance Registration will open in mid-December. Go to www.saa.org/annual-meeting/registration-info for more information and to register.

Program of the 17th Biennial Conference of The Southwest Symposium

Thursday, January 30th	
6:00-9:00 PM	Opening reception and registration College Avenue Commons, Third Floor Patio and Atrium Free hors d'oeuvres and cash bar
Friday, January 31st	
8:40 – 9:00 AM	Opening Remarks and Announcements Memorial Union, Ventana Ballroom A/B
9:00 AM – 5:00 PM	Posters Displayed Memorial Union, Ventana Ballroom C
9:00 AM – 5:00 PM	Exhibitors (see listing on Sponsors and Exhibitors page) Memorial Union, Ventana Ballroom C
9:00 – 12:00 PM	Paper Session I: Current Directions in Hohokam Archaeology Memorial Union, Ventana Ballroom A/B
12:00 – 1:30 PM	Lunch Break
1:30 – 2:30 PM	Poster Viewing Memorial Union, Ventana Ballroom C
2:30 – 5:30 PM	Paper Session II: Data Compilation and Archaeological Synthesis in the SW/NW Memorial Union, Ventana Ballroom A/B
Saturday, February 1st	
8:40 – 9:00 AM	Opening Remarks and Announcements Memorial Union, Ventana Ballroom A/B
9:00 AM – 5:00 PM	Posters Displayed Memorial Union, Ventana Ballroom C
9:00 AM – 5:00 PM	Exhibitors (see listing on Sponsors and Exhibitors page) Memorial Union, Ventana Ballroom C
9:00 – 12:20 PM	Paper Session III: Recent Research from the Southern Half of the Greater NW/SW Memorial Union, Ventana Ballroom A/B
12:20 – 2:00 PM	Lunch Break
2:00 – 3:00 PM	Poster Viewing Memorial Union, Ventana Ballroom C
3:00 – 5:30 PM	Paper Session IV: Forum: Transforming Archaeology for Tribal Nations Memorial Union, Ventana Ballroom A/B
5:30 – 5:40 PM	Closing remarks

PARKING INFO FOR THOSE WHO PLAN TO ATTEND

For info on parking options in and around ASU go to <https://cfo.asu.edu/parking>. Prices range from \$5 per day for uncovered parking to covered parking at \$15 per day. Fees for most lots can be paid by credit card upon departure. The Apache Blvd Parking Structure at the corner of Apache Blvd and College Ave has visitor parking just 500 feet from the Memorial Union venue for \$15 per day. Other options include the Fulton Parking Garage, the Rural Road Parking Garage, and surface Lot 20, all of which are less than 0.5 miles from the venue. Parking garages will be **free** on Saturday, February 1st.



Desert Foothills Chapter

Dec. 11th Holiday Party: The holiday celebration was well attended. The community room was decorated which added to the festive atmosphere. Donated silent auction items and a very special raffle item donated by Paul Schoonover did well generating funds. Liz Wescott and Tammy Teegardin did an excellent job with the silent auction structure, organization, and control, and Kathy Queen the financials. The board did a terrific job putting the event together this year and following through during the event itself. A few elves such as Peggy Troxel, Keith Teegardin, and Ronnie Wainwright also contributed significantly. The Buffalo Chip came through with great “eats” again. Happy Holidays to all and best wishes for a safe, prosperous, and healthy New Year.

Note: Please renew your DFC Membership for 2020 as soon as possible! Membership forms will be available at the Jan. 8th meeting and forms are also available for download from the DFC webpage, www.azarchsoc.wildapricot.org/desertfoothills, for renewal before the meeting or at any time.

We are now taking orders for **new name badges**. Cost is \$20. Contact Mary Kearney at maryk92@aol.com for more information. Our members have been requesting new badges for a while, so this is your chance.

2020 Board: Your elected board for 2020 remains the same as last year.

Jan. 8th Meeting: Patricia A. Gilman, PhD, presents *Ancient Macaws in Mimbres, Chaco, and the Hohokam*. Scarlet macaws were the most spectacular item in the ancient southwestern United States obtained from farther south in Mexico. They were present and contemporary at Classic Mimbres and Chacoan sites from about A.D. 1000 to 1130 and were present even earlier in the Hohokam region. Pat argues that people used macaws and parrots differently in the three regions. For example, about 30 scarlet macaws were concentrated at Pueblo Bonito, although one or two were present in each of three other Chaco Canyon sites. In contrast, perhaps as many as 15 scarlet macaws were spread among at least eight Classic Mimbres sites, some of them in the Mimbres Valley core and some not. Mimbres macaws were buried with a person or buried by themselves beneath a room floor, in Great Kiva fill, or in a midden, while most of the Chaco macaws were on floors or in room fill. These differences support the idea that there was little communality between Mimbres and Chaco in the way scarlet macaws were used and probably also their role in the social and religious systems. However, the Mimbres and Chaco macaws all belong to the same rare genetic group, suggesting that they had the same breeding source. These patterns show the complexity of studying exotic items within their varying social contexts.

Chapter Web News: The chapter webpage, www.azarchsoc.wildapricot.org/desertfoothills, is the best place for DFC Chapter news and updates. The chapter webpage slide-show files are back up and running.

Classes, Workshops, Special Events and Expanded Field Trips: Mary Kearney is the primary contact for classes, workshops, special events or trips at maryk92@aol.com and the only place to sign up or get more information. Please remember classes, workshops, and trips are open to current AAS members only with DFC members having priority. There is “no” registration on the day of the activity. There is “no” preregistration for any activity prior to formal announcement. Note: Mary is working on 2020 activities now; more news soon. Watch for e-blast, website, and in the Petroglyph (sometimes behind due to publication lag relative to scheduling).

--Roger Kearney



Homolovi Chapter

Because of past issues with winter driving, we decided not to hold meetings in January or February 2020. Our regular meetings will resume in March. In the meantime, we are excited to announce the opening of a new Homolovi exhibit in Winslow. Homolovi State Park, the Winslow Arts Trust (WAT) and the Old Trails Museum, in cooperation with the Hopi Cultural Preservation Office, have created a unique partnership to host a major exhibition in northeastern Arizona: *Life Along the River: Ancestral Hopi at Homol’ovi*. Join us for the exhibition’s Grand Opening on Jan. 18 at 2 pm at the WAT Museum at La Posada Hotel, 333 East 2nd Street in

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Winslow. The event will include comments by Dr. E. Charles Adams, Hopi dance group/demonstrators, and refreshments. The exhibit will be on display through Jan. 10, 2021.

Created by and previously displayed at the Arizona State Museum at the University of Arizona in Tucson, the exhibition synthesizes more than 30 years of archaeological research by the museum's Homol'ovi Research Program. Through images, maps, and the voices of present-day Hopi, it tells the story of the people who lived in seven villages along the Little Colorado River near what is now Winslow in the 1300s. Present-day Hopi refer to the former settlements nestled among the small, raised buttes as Homol'ovi, "the place of little hills."

Dr. Adams, now retired, directed the Homol'ovi Research Program from 1985 to 2017. "We found the (archaeological) record remarkably intact and fully able to tell the stories of the place," said Adams, who credits the program's work with revealing a timeline for life at Homol'ovi, the relationships among the area's inhabitants, and the importance of the river in their lifeways. The exhibition also illustrates how collaborative research with descendant communities increases our understanding of the past and enhances the interpretation of archaeological resources. In recognition of its important archaeological resources, the Homol'ovi area became Arizona's first archaeological state park in 1986 through a wide-ranging partnership between the Hopi people, state agencies, the governor's office, local civic leaders, and avocational archaeologists.

Life Along the River: Ancestral Hopi at Homol'ovi is made possible in Winslow by Arizona State Parks & Trails/Homolovi State Park, the Winslow Arts Trust, the Old Trails Museum, the Hopi Cultural Preservation Office, and the Arizona State Museum.

--Sky Roshay



Little Colorado River Chapter

The Little Colorado River Chapter celebrated the holiday season on Sunday, Dec. 15, with a potluck lunch and White Elephant gift exchange. The primary order of business was to elect a slate of officers for the coming year. Andy Oventile volunteered for a Board position (TBD) and Esther Morgan volunteered to serve as a Director for a 3-year term. Thanks to those two volunteers, but we are still short 2 member of the Executive Board so more volunteers are needed. The pot luck lunch was delicious as usual and the gift exchange provided a lot of fun and laughter as gifts were stolen again and again. Thanks to Keith Lyons and Gloria Morgan for opening their historic home in Springerville for the occasion.

The Jan. 20th meeting will feature AZ Humanities scholar Allen Dart of the Old Pueblo Archaeology Center. His topic will be The Antiquity of Irrigation in the Southwest. The meeting will be held in the Udall Room of the Springerville Heritage Center with the program beginning at 7 pm. The program will be preceded by a short business meeting at 6:30. Everyone is invited to join the speaker for dinner at the Safire Restaurant across the street from the Heritage Center at 5 pm.

We are hoping to get a field trip organized to visit sites in the Tonto Basin this Spring but stay tuned for details. For any information, contact Carol at 928-333-3219 or Tony at tony@anthonyraycontreras.com.

--Carol Farnsworth



Phoenix Chapter

Jan. 14th Meeting: Janine Hernbrode will talk about *Patterns in Petroglyphs: Hints of the Hohokam Cosmology on the Landscape*. Fifteen years of rock art recording on four major petroglyph sites in Southern Arizona has enabled the assembly of motif details, drawings and photographs of more than 16,000 glyphs located in landscapes with similar characteristics. This vast collection of images records the belief systems of its creators. There were no scenes of everyday life, of grinding corn, or plans for constructing pit houses. The images recording their belief system are interwoven into lines and circles and more complex images carefully placed on the landscape. By applying the scientific method to the patterns observed, by working with ethnographic

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accounts and linguistic analysis by others, and by consulting with indigenous people, we have gained some understanding of, and identified threads of continuity between, Native American belief systems and rock art motifs. To download a flyer for the January meeting, go to the Phoenix Chapter page on the AAS website.

Janine Hernbrode is an independent rock art recorder and researcher based in Tucson and is on the board of Archaeology Southwest. Wary of becoming relentless quantifiers through rock art recording, she and her research partner, Dr. Peter Boyle, worked together to collect and analyze data obtained from their recordings of Tumamoc Hill, the Sutherland Wash Rock Art District, and the Cocoraque Butte and Cocoraque Ranch. Hernbrode and Boyle demonstrate that ethnographic and linguistic information can suggest links to both sacred landscapes and some motifs found in rock art. Janine and Peter received the 2019 Crabtree Award from the Society for American Archaeology, which is presented annually to an outstanding avocational archaeologist in remembrance of the singular contributions of Don Crabtree. Janine is also the Leader of the Rock Band, a group of volunteer rock art recorders whose work was honored by the State Historic Preservation Office. She and the Rock Band currently are working to inventory and record the rock art in the Tucson Mountain District of Saguaro National Park, as part of an effort to understand the variety of sites in a portion of the Avra Valley.

Dec. 10th Meeting:

At the December meeting we held the election for 2020's board officers. They are:

President: Ellie Large	1-Year Dir/Newsletter: Nancy Unferth
Exec VP: Eric Feldman	2-Year Dir/Field Trips: Phyllis Smith
Treasurer: Gail Williams	3-Year Dir/Membership: Vicki Caltabiano
Secretary: Ellen Martin	Archivist/Cert Rep Marie Britton

The presentation was on **Angkor Wat and the Khmer Empire of Cambodia** by Todd W. Bostwick, Ph.D. Todd gave a very interesting presentation on his recent trip to Cambodia to view the remains of a remarkable group of ancient stone temples built in the tropical forests of Cambodia and Thailand between the 8th and 13th centuries AD. The temples are not only impressive in size but are elaborately decorated with beautifully carved sculptures of Hindu gods, sacred dancing girls, and Buddha faces on lintels, walls, and free-standing stelae before and within the temples. The urban complex of the World Heritage site of Angkor Wat in modern day Siem Reap, Cambodia, is at least 200 square kilometers in area. He included some of the latest research at this World Heritage site as well as giving us some interesting sidelights on the trip itself.

Reminder: only AAS members can go on field trips! You can renew by downloading the Phoenix Chapter membership page from <https://azarchsoc.wildapricot.org/Phoenix> and mailing the form and your check to the address shown, or you can renew and pay online using **AffiniPay** or a debit or credit card on the AAS website. Logon to **www.AzArchSoc.org**, click on Membership under About Us, and follow the instructions.

Upcoming Field Trips:

- Jan 18 Cocoraque Ranch Petroglyph Site tour with Janine Hernbrode. \$20 fee. Sign up at the Jan. 14 meeting or email Eric at feldbrain@hotmail.com
- Feb. 22 Baby Canyon on the Agua Fria National Monument with Mike Hoogendyk. Ruins, petroglyphs. Bad road, easy hike. Needs a high-clearance, 4 x 4 truck or jeep. Mike has dedicated his life to exploring AFNM, and is very knowledgeable about the history and prehistory of the area. If the weather's bad, the river high, or the mud deep, we'll do an easy access hike to a site in the AFNM or the Phoenix area. Email Phyllis at 76desert@gmail.com and let her know what you want to do.

Upcoming Meetings:

- Feb. 11 Gregory McNamee, Az Humanities, *The Gila: River of History*
- March 10 Allen Dart, Az Humanities, *The Antiquity of Irrigation in the Southwest*

Upcoming Events:

- Jan. 10: 1:30 pm. AAS/SWAT Study Group at Tempe History Museum. Call Ellen Martin at 480-820-1474 for more information or if you would like to be added to her email list.

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Fundraisers: We will have a **Silent Auction** at our February meeting and a **Book Sale** at our March meeting. Please collect any items you wish to donate for the silent auction and bring them with you on Feb. 11th and any books, posters, maps, etc. on March 10th. We have already received a generous donation of about 40 archaeology books and pamphlets from Don Schuldes in memory of his wife, Marilyn Schuldes, who was a long-time member of the Phoenix Chapter. We will donate the proceeds to PGM.

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 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 (480-390-3491 or mbrit@cox.net) so that she can reserve a large enough table.

--Ellie Large



Rim Country Chapter

Jan. 4th meeting: We meet at 10 am at the Payson Senior Center, 514 W Main Street. The community is welcome to attend. Our guest speaker will be Jim Krehbiel, Chair and Professor of Fine Arts at Ohio Wesleyan University. In his illustrated presentation, *Site Lines and Sight Lines, Recent Discoveries in Southeast Utah*, Jim will discuss his astronomical research at Ancestral Pueblo sites in southeast Utah. The project has evolved over 10 years to include discoveries about solar, lunar and celestial uses in the southwest. Jim will provide a tour of ancient Pueblo sites, analyzing both common and anomalous astronomical direct alignments and their place in our understanding of Pueblo ritual. The presentation will include multiple time-lapse sequences of solar alignment events as seen in the field. He will discuss varied alignment systems from observatories and architecture as well as provide ethnographic accounts relating to these astronomical systems.

Jim works with Natalie Cunningham, an astronomer and writer who will be present for questions after the presentation. Currently they have completed archaeoastronomy surveys at 280 Ancestral Pueblo sites in the region of Bears Ears National Monument. Jim uses his archaeoastronomy field research as the impetus for his printmaking and digital imaging art work. After the meeting, a members-only hike will take place to one or two possible archaeoastronomy calendar sites in the Payson area, led by Marianne Connors and/or Dale Bellisfield. The hike location(s) will be dependent on weather and access issues. Our speaker will join us on the hike to share his assessment of the site(s) chosen and possible archaeoastronomy interpretations.

If you are not a member and wish to join, membership is \$35.00 a year for an individual, \$40.00 for a family.

--Chris Teteloff



San Tan Chapter

Our **Dec. 11th Holiday meeting** was a fun evening with many friends and good food. Chris Loendorf, our chapter advisor and speaker for the evening, gave our chapter a good overview of the work the Gila River Indian Community has been doing to remove and clean petroglyph graffiti.

Our Jan. 8th speaker will be Wendy C. Hodgson, Herbarium Curator Emerita and Senior Research Botanist at the Desert Botanical Garden whose presentation will be on *Pre-Columbian Agaves in the Southwestern United States: Discovering Lost Crops among the Hohokam and other Arizona Cultures*. Researchers have long recognized the importance of agaves to Mesoamerica and its cultures: the plants providing food, fiber and beverage. However, their significance to these cultures has overshadowed and distorted the plants' role for indigenous peoples north of the U.S./Mexico border. Pre-Columbian farmers grew no less than six and possibly as many as eight or more domesticated agaves in Arizona dating to at least A.D. 600. Because of their longevity and primarily asexual reproduction, prehistoric agave clones have persisted in the landscape to the present, providing an opportunity to study pre-Columbian nutrition, trade, migration and agricultural practices. Additionally, the remnant clones present a rare opportunity to examine domesticates virtually unchanged since they

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were last cultivated within a prehistoric cultural context. DNA sequence data, in addition to plant morphology, suggests that at least three may have originated in Arizona, suggesting this state as a secondary center of domestication. These discoveries underscore the necessity of viewing landscapes and some plant species from a cultural, rather than “natural,” perspective that may help discern potential cryptic species veiled by traditional taxonomic treatments. Understanding these plants and their ecological/cultural roles requires interdisciplinary collaboration between botanists and archaeologists.

Wendy Hodgson, curator for the Desert Botanical Garden, personally collected some 32,000 of the DBG herbal 92,500 specimens. Initially hired as an illustrator, Wendy first came to the DBG in 1974, with an ASU bachelor's degree in wildlife biology. Early in her career at the DBG Wendy was encouraged to go out into the field and collect plants for the herbarium. These adventures led her to pursue and receive a master's degree in botany in 1982. She is also an adjunct professor of conservation biology at ASU and authored *Food Plants of the Sonoran Desert* (2001, University of Arizona Press) which won a Klinger Book Award from the Society of Economic Botany. More recently, in conjunction with fellow curator and researcher Andrew Salywon, she has been instrumental in discovering several new species of domesticated agaves in Arizona cultivated and domesticated by early Native American cultures. Wendy also studies and documents the Grand Canyon's diversity of plants as well as the Southwest's cacti, yuccas and plants important to Sonoran Desert's indigenous people.

Special Event: The San Tan Chapter is preparing and organizing a mini Expo titled *Invitation to Arizona Archaeology* on Saturday, March 28th. We will have exhibitors from S.A.L.T. demonstrating arrow making and fire starting along with flint knapping, adobe brick and pottery making techniques. Come and enjoy!

The San Tan Chapter meetings are held at the San Tan Historical Society Museum at 20425 S Old Ellsworth Rd in Queen Creek (on the corners of Queen Creek Rd and Ellsworth Loop Rd.) Parking is behind the museum. Go east on Queen Creek road and another sharp right into the rear parking lot. Presentations start at 7 PM. Dinner with the speaker is at 5:30 pm prior to the meeting. For more information, contact Marie Britton at 480-390-3491 or mbrit@cox.net.

--Marie Britton



Verde Valley Chapter

Jan. 23rd Meeting: Jim Turner, an Arizona Humanities Speaker, presents *The Shadow Catchers: 150 Years of Arizona Photography*. For more than a century and a half some of the world's best photographers focused their lenses on Arizona. In addition to the renowned Edward S. Curtis, Kate Cory lived with the Hopi and represented them in photographs and on canvas, while C. S. Fly gave us the famous Geronimo pictures. In the 20th century Josef Muench's pictures brought the movies to Monument Valley, Dorothea Lange captured Dust Bowl families, Barry Goldwater depicted Navajo and Hopi culture, and Ansel Adams glorified Arizona's skies, canyons, and mesas. This presentation's powerful images make the land and its people come alive. There will also be significant emphasis on the archaeology of the area and its people.

Before retiring from the Arizona Historical Society, Jim Turner worked with more than 70 museums across the state. He co-authored the 4th-grade textbook *The Arizona Story*, and his pictorial history, *Arizona: Celebration of the Grand Canyon State*, was a 2012 Southwest Books of the Year selection. Jim moved to Tucson in 1951, earned a M.A. in U.S. history in 1999, and has been presenting Arizona history for more than forty years. Jim is an author/editor for Rio Nuevo Publishers, author of *The Mighty Colorado from the Glaciers to the Gulf*, and *Four Corners USA: Wonders of the American Southwest*.

Upcoming Meetings and Special Events:

Feb. 27: Dr. Frank Bungartz, Lichenologist, will present *Biodiversity, Evolution, Ecology, and Conservation of Lichenized Fungi*.

March 12: 1:30-2:30 pm: *The Navajo Long Walk (1863-1868) Through the Eyes of Women*. A free presentation in honor of Women's History Month and Archaeology Month by Evangeline Parson-Yazzie, an Arizona Humanities Speaker, at the Mary Fisher Theater, 2030 W. State Route 89A, Suite A-3.

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March 26: 1:30-2:30 pm: Photographer Larry Lindahl will be discussing his book *Ancient Southwest – The Guide to Archaeological Ruins* at the Mary Fisher Theater, 2030 W. State Route 89A, Suite A-3. Signed books will be for sale. There is a \$10 entry fee.

May 21: Ron Liponi will present *New Patterns in Rock Art of the Borderlands Wilderness*.

Unless otherwise noted above Chapter meetings begin at 7 pm in the public meeting room at the Sedona Public Library, 3250 White Bear Rd. in West Sedona.

--Jon Petrescu



Yavapai Chapter

Field Trips: Unfortunately, muddy conditions caused us to cancel the planned visit to the historic and prehistoric Richinbar sites in the Agua Fria National Monument. We will reschedule this trip for January, details to come. The monument includes Perry Mesa and has many sites of interest for history and archaeology buffs. We plan to visit both the mine and the pueblo sites. There is some controversy about Richinbar mine and just how rich it actually was. What's easy to tell today, though, is that it's a very interesting site with several unusual structures remaining. Just across the canyon are the ruins of a large prehistoric site that includes an ancient agave farm which still shows evidence of check dams.

Our Annual Holiday Potluck Dinner and Party replaced the regular general meeting on Dec. 18th. The fun began at 4 pm when volunteers helped set up tables, chairs, and decorations at our usual meeting place, the Smoki Pueblo, at 147 N. Arizona Avenue in Prescott.

Meetings: Our meetings take place on the 3rd Wednesday of the month at 6:30 pm in the Pueblo Room of the Smoki Museum. There is also a pre-meeting dinner at 4:30 pm at Augie's, 1721 AZ-69 between McDonald's and Einstein Bros., in front of the Frontier Village Center in Prescott.

Our November general meeting featured Kathryn Turney, the cultural resources manager for Yavapai County, talking about what she has learned about the displacement of Navajo families when the Wupatki National Monument was established in 1924. The structures of Wupatki were likely built by ancestors of the Hopi, however when the monument was created it was home to several Navajo families who, through the loss of livestock grazing areas to other settlers, were struggling to make a living in this marginal locale. With the creation of the monument, the Navajo families were displaced from the area, leading to changes in their kinship and family dynamics in the Wupatki Basin. Kathryn, told us what she had learned about this displacement through oral histories, ethnoarchaeology, and spatial analysis studies of the descendants of the area's earliest dwellers.

Upcoming Meetings:

January: Charles Stroh, Pictographs in the Caves of Sierra de San Francisco, Baja California Sur.

February: Jason Nez, Ceramics. More details to follow.

March: Richard Ryan, Ice Age Arizona - Plants, Animals, and People.

Book Sale: We will be continuing our book sales at the general meetings. You can bring your own books to offer to other members. All proceeds go to the chapter.

VP Still Needed: We are still looking for a new chapter VP to serve in 2020. The primary duty is to arrange for guest speakers for our general meetings. If you are interested please contact us at ycaasec@gmail.com.

Willow Lake Pit Houses: We are always in need of members to serve as docents at the pit houses that at Prescott's Willow Lake Park. We are there on the first Saturday of each month between 10 am and noon. If you are interested, YCAAS Education Chair Warner Wise will bring you up to speed. Get in touch with him here.

At the Smoki Museum: The Museum opens at 1 pm on Jan. 4 for a special exhibit, *The Daughters of Turtle Island: A Tribute to Native Women*. More info is always available on the Smoki's Events webpage.

--Ian Critchley

UPCOMING EVENTS

AAHS	Az Arch. & Hist. Society, UA ENR2 Bldg, Rm S107; az-arch-and-hist.org
ASW	Archaeology Southwest, 300 N. Ash Alley, Tucson; 520-882-6946; archaeologysouthwest.org
CGRNM	Casa Grande Ruins National Monument, 1100 W. Ruins Drive, Coolidge; 520-723-3172
CSP	Catalina State Park, 11570 N Oracle Rd, Tucson; 520-628-5798; azstateparks.com/catalina
HSP	Homolovi State Park, Winslow; west of Hwy 87 ne of Winslow; 928-289-4106; azstateparks.com/homolovi
OPAC	Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson, 520-798-1201; oldpueblo.org
OSP	Oracle State Park, 3820 Wildlife Dr., Oracle, 520-896-2425; azstateparks.com/oracle
PGM	Pueblo Grande Museum, 4619 E. Washington St., Phoenix, 602-495-0901; pueblogrande.com
PGMA	Pueblo Grande Museum Auxiliary, 602-534-2430 ; www.pueblogrande.org
RRSP	Red Rock State Park, 4050 Red Rock Loop Rd, Sedona, 928-282-6907; azstateparks.com/red-rock
SCRCA	Spur Cross Ranch Conservation Area, 44000 N. Spur Cross Rd, Cave Creek; maricopacountyparks.net

Jan. 4, 10-11 am, PGM, Phoenix, **Petroglyph Discovery Hike**, South Mountain Park Ranger Station. Family trek: bring the whole family for a short Hohokam petroglyph discovery hike at South Mountain. An experienced guide will lead participants on a quick 1-mile, 1-hour interpretive hike. Ages 8 years and up. \$5 fee, discounts for PGMA Members. Binoculars recommended but not required. Space is limited. Registration required by Jan. 3.

Jan. 5, 2 pm, RRSP, Sedona, Lecture on **The Shadow Catchers: 150 Years of Arizona Photography** by Historian Jim Turner. Lecture is included with park entrance fees. Seating is limited and reservations required. Call 928-282-6907 to reserve your seats in the theater.

Jan. 7, 5:30-7 pm, ASW, Tucson, Archaeology Cafe: **The Bears Ears Water Project: What Environmental Chemistry Reveals about Agriculture and Landscape Archaeology in the Greater Cedar Mesa Area** by R. E. Burrillo in The Loft Cinema, 3233 E. Speedway Blvd. Free. Guests may purchase refreshments & snacks from the concession bar. Program begins at 6 pm in Theatre 1. Plenty of free parking!

Jan. 8, 12-1 pm, CGRNM, Coolidge, Talk: **The Antiquity of Irrigation in the Southwest** by archaeologist Allen Dart at Casa Grande Ruins National Monument; cosponsored by Arizona Humanities. Free.

Jan. 8, 6:30-8 pm, PGM, Phoenix, PGMA Talk: **Murder and Mayhem on the Old Toll Road** by Rick Powers, The old toll road south of Globe at Cane Springs was the scene of many murders, holdups and other mayhem. Local Arizona historian Rick Powers will tell the better-than-the-movies tales, including the Apache Kid shootout.

Jan. 11, 9-11 am, SCRCA, Cave Creek. Ranger-led hike: **Rock Art of Spur Cross**. These petroglyphs were created hundreds of years ago by the Hohokam. Come walk in their footsteps as we visit a few of the more impressive sites in the conservation area during this 2-hour moderate hike. No dogs on this hike. No reservations required, meet at the main trailhead area where restrooms and picnic tables are located.

Jan. 11, 3-6 pm, PGM, Phoenix, Special Event: **Dig & Drink**: An educational program where you first create an archaeological site, gather context clues, then head to PHX Beer Co. to share your findings and make inferences, followed by a game of archaeological trivia. Tickets must be purchased by Friday, Jan. 3. Go to <https://mailchi.mp/bba7e25a6b89/dig-and-drink?e=cb27b58eb9> to register.

Jan. 12, 9 am-12 pm, SCRCA, Cave Creek. Ranger-led Hike: **Hohokam Houses - the Ruins of Spur Cross**. 2.5-mile moderate hike that will introduce you to the rich archaeological history of the area. See evidence of prehistoric Hohokam dwellings & learn about their culture as we trek up to one of their mesa-top compounds. Bring plenty of water. No dogs on this hike. No reservations required. Meet at the main trailhead area where restrooms and picnic tables are located.

Jan. 15, 20, & 30, at 9 am, Catalina State Park, Tucson: **Romero Ruins Adventure Walks**. Join Park Ranger Jack as he leads a tour of the Romero Ruins Trail, where the whole family can learn about the history and mystery surrounding the Hohokam's largest ruin site in the park. 11570 N Oracle Rd, Tucson, 520-628-5798, or azstateparks.com/catalina.

Jan. 16, 10-10:45 am, PGM, Phoenix: **Behind the Scenes Tour with Curator**. Join collections staff for a "behind the scenes" tour of the museums' collection. Take an intimate tour of the lab, storage, and archival areas not open to the public. Space is limited, register at front desk on day of tour. \$5 fee in addition to Museum Admission. Discounts for PGMA Members.

Jan. 16, 6-8:0 pm, OPAC, Oro Valley, Dinner & Talk: **Mescal Agave Use in Arizona: Food, Fiber, and Vessel** by Carrie Cannon at El Molinito Mexican Restaurant, 10180 N. Oracle Rd., Oro Valley, Arizona; cosponsored by Az Humanities. Free. Order your own dinner off of the restaurant's menu at your expense. Dinner starts at 6 pm, presentation around 7 pm. Reservations must be requested and confirmed before 5 pm Jan. 15 at info@oldpueblo.org or 520-798-1201.

Jan. 19, 1 pm, RRSP, Sedona, **Archaeology Hike**: Come hear the fascinating story of the Native American Sinagua culture, pre-Columbian people who lived and traveled in Red Rock State Park. The hike will last about 1½ - 2 hours, with an elevation gain of some 250 feet, along easy to moderate trails and may begin with a short presentation in the theater. Hike is included with park entrance fees. Questions: 928-282-6907.

(Continued on page 11)

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UPCOMING EVENTS cont.

Jan. 20, 6-9 pm, AAHS, Tucson, Lecture: *Chasing Centuries: The Search for Ancient Agave Cultivars across the Desert Southwest* by author Ron Parker. Parker has explored the depth and duration of human/agave coevolution across the desert southwest and discovered unusual species associated with archaeological sites long since abandoned by residents of extinct ancient cultures. **Note:** AAHS lectures will now be held in Rm S107 in the UA's ENR2 building at 1064 E. Lowell Street, Tucson, next to the 6th Street Parking Garage.

Jan. 25, 9 am-2 pm, SCRCA, Cave Creek, Hike: *Elephant Mountain Fortress Hike*. Join us for a 7-mile, 5-hour round-trip trek into the backcountry to one of the premier archaeological sites on the conservation area. Participants need to be in good condition and familiar with hiking on primitive trails. Bring at least 2 liters of water. Wear a hat and dress in layers. No dogs.

Jan. 31, 10-11 am, PGM, Phoenix, Tour: *Guided Tour of the Park of the Four Waters* takes you through the remnants of two prehistoric canals. \$5 in addition to museum admission; museum members free. First-come, first-served; space is limited. Sign up on day of tour.

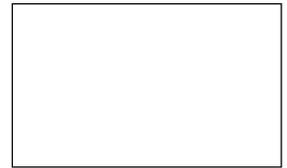
Feb. 2, 2 pm, RRSP, Talk on *The Navajo Long Walk (1863 through 1869): Through the Eyes of Navajo Women* by Dr. Evangeline Parsons Yazzie will present a lecture about the Navajo people who were forced to leave their homes. The Long Walk has been collected in historical literature by non-Navajo authors. Absent from the literature is the Navajo perspective. The audience will hear the Navajo female elders' version of the Long Walk in this presentation.

CHAPTER MEETING SCHEDULE

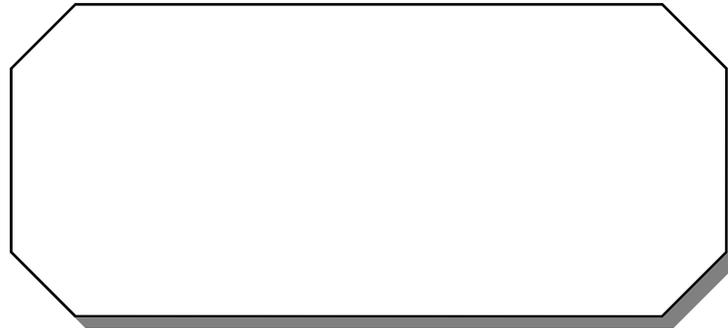
<u>Chapter</u>	<u>Location</u>	<u>Date & Time</u>	<u>Membership</u>
Agave House	Black Mesa Ranger Station Conf. Rm. 2748 Hwy. 260, Overgaard	4 th Wed., 6:30 pm	Era Harris 928-713-1282
Desert Foothills	The Good Shepherd of the Hills Community Building, 6502 E Cave Creek Rd., Cave Creek	2 nd Wed., 7 pm Sept. thru May	Glenda Simmons 928-684-3251
Homolovi	Winslow Chamber of Commerce 523 W. 2nd Street, Winslow	2 nd Wed., 7 pm	Karen Berggren 928-607-1836
Little Colorado River	Casa Museum, 418 East Main Springerville	3 rd Mon., 7 pm	Tony Contreras 970-210-3238
Northern Arizona	The Peaks "Alpine Room" 3150 N. Winding Brook Road Flagstaff	3 rd Tues., 7 pm Sept. thru Nov., Jan. thru June	Bob Malone 202-882-6918
Phoenix	Pueblo Grande Museum 4619 E. Washington, Phoenix	2 nd Tues., 7 pm Sept. thru May	Nancy Unferth 602-371-1165
Rim Country	Payson Library 328 N Mc Lane Rd, Payson	1 st Sat., 10 am	Dennis Dubose 541-921-7760
San Tan	San Tan Historical Society Museum Ellsworth & Queen Creek Roads Queen Creek	2 nd Wed., 7 pm Sept. thru May	Marie Britton 480-390-3491
Verde Valley	Sedona Public Library 3250 White Bear Road Sedona	4 th Thurs., 7 pm, Sept. thru May 3 rd Thurs., 7 pm, Nov and Dec.	Jerry Ehrhardt 928-282-1557
Yavapai	Pueblo of the Smoki Museum 147 North Arizona St., Prescott	3 rd Wed., 6:30 pm Sept. thru Nov., Jan. thru June.	Kent Hart yaskvh4488@ gmail.com



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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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