
THE PETROGLYPH

Newsletter of the Arizona Archaeological Society

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February 2020

A MESSAGE FROM THE STATE CHAIR

1. Annual AAS Awards: The Professional & Avocational Awards Committee Chair is once again Sylvia Lesko, who will be contacting the Chapter Presidents shortly regarding the 2020 awards.
2. Annual Reports Due: The Annual Chapter Financial Report is due to the State Treasurer. The Annual Chapter Report is due to the 2nd Vice Chair, Ellen Martin. She has already received two of them!
3. Membership Renewals Due: And last, but not least, membership renewals are due for 2020. We thank all who have already renewed your memberships for 2020, and we welcome all of our new members. If you have yet to renew, just a reminder that the membership year runs from Jan. 1st to Dec. 31st. The grace period ends in mid-February; members who have not renewed before Feb. 15th will no longer receive The Petroglyph. Don't delay and miss out on chapter activities, meetings and field trips in addition to the newsletter! See the note below on how to join or renew your membership.
4. 2020 State Meeting: The State Executive Board, together with the State Planning Committee, is moving forward with plans for the 2020 State Meeting. We have a possible host chapter and location in mind and we are already looking into venues, topics and speakers. Stay tuned!
5. Publications: The Arizona Archaeologist Series Editor, Bill Burkett, is preparing to drive up to Kanab, Utah, to bring back the materials needed to complete work on the update of Arizona Archaeologist No. 20, Earth Figures of the Lower Colorado, by the late Boma Johnson. In addition, the technical review of the Pierpoint Report is done and he is now reviewing it for style and consistency to prepare it for publication, which may take a while.

With spring just around the corner, the northern chapters who have been on hiatus due to the winter weather will soon be resuming monthly meetings and outdoor activities. We are looking forward to another great year filled with interesting speakers at our monthly chapter meetings, field trips to many interesting locations (some out of state and even a few outside the country), and lots of fun and fellowship.

--Ellie Large, Chair

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Next deadline is 5 pm,
Sunday, Feb. 23

****Memberships must be renewed before February 15****

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 CONFERENCES

Sonoran Symposium

Sonoran Desert Inn and Conference Center, Ajo, March 9–12

Organized by the Tohono O’odham Nation, Mexico and the United States, the symposium offers presentations and dialogue about the dynamics of natural and cultural ecology, environmental challenges, and their relationships to people, 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. To register, go to <https://www.sonoransymposium.com>.

SAA 85th Annual Meeting

Austin Convention Center, Austin, Texas, April 22 - 26

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.

Archaeological Society Of New Mexico 2020 Annual Meeting

Sagebrush Inn Conference Center, Taos, May 8-10

The Taos Archaeological Society will host the ASNM 2020 annual meeting in May.

The link to the registration page is: www.taosarch.org/asnm2020

EDUCATIONAL OPPORTUNITIES

Arrowhead-making and Flintknapping Workshop

Feb. 22, 9 am-Noon, OPAC, Tucson

The workshop will be led by flintknapper Sam Greenleaf. A donation of \$35 is requested (\$28 for OPAC and PGMA members; 50% off for those who have taken this class before). Sam provides participants with hands-on experience on how prehistoric people made and used projectile points and other tools created from obsidian and other stone. All materials and equipment are provided. Limited to 6 registrants. Call 520-798-1201 for more info.

Archaeology Southwest/University of Arizona Preservation Archaeology Field School

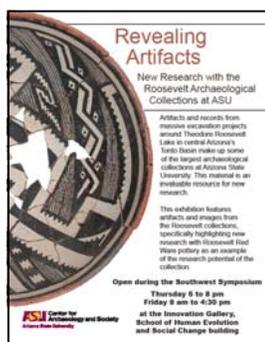
Southwestern New Mexico, May 25 - July 5

This unique 6-week program provides students with an opportunity to learn excavation, survey, experimental archaeology, and laboratory methods in a beautiful, remote, and archaeologically exciting part of the Southwest. Undergraduates will receive a stipend to support their attendance through the NSF’s Research Experiences for Undergraduates program. Applications due March 6. For more information, go to <https://www.archaeologysouthwest.org/things-to-do/field-school/>.

Crow Canyon College Field School

Crow Canyon, Cortez, Colorado, May 24 – June 27

This 5-week program is designed to immerse students in the fundamentals of archaeological research and is certified by the Register of Professional Archaeologists. Graduate and undergraduate credits available. Application deadline is March 2. Send applications to Dr. Susan Ryan, sryan@crowcanyon.org. For more information, go to <https://www.crowcanyon.org/index.php/programs-for-college-students>.



Revealing Artifacts: New Research with the Roosevelt Archaeological Collections at ASU

This new exhibit focuses on the Roosevelt Lake area and the continued analyses of those collections by Dr. Katherine Dungan and others at ASU. It features artifacts and images from these collections, specifically highlighting new research with Roosevelt Red Ware pottery as an example of the research potential of the collection. The exhibit is located in the Innovation Gallery, School of Human Evolution and Social Change building, the 3rd building on the right south of College Ave and University. The exhibit will be available from 9 am to 5 pm, Monday through Friday, through May.

CHAPTER NEWS



Desert Foothills Chapter

January Meeting: Patricia A. Gilman, PhD, presented *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 Mimbres Classic and Chacoan sites from about A.D. 1000 to 1130 and were present even earlier in the Hohokam region. Pat argued 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 Mimbres Classic sites, some of them within 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 terms of how scarlet macaws were used and probably therefore their role within 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.

Please renew your DFC Membership asap. Membership renewal for 2020 is available at chapter meetings and forms are posted on DFC website www.azarchsoc.wildapricot.org/desertfoothills for renewal at any time. Please, do not delay!

New Name Badges: We are taking orders for new name badges. The cost is \$20. Contact Mary Kearney at maryk92@aol.com for more information. Our members have been requesting new badges for a while, so here is your chance.

February Meeting: John Welch, PhD, will present *Building a Model for Community-Based Archaeological Resource Protection: The White Mountain Apache Experiment*. Despite several generations of countermeasures, looting and grave-robbing continue to damage and desecrate cultural resources across the United States and around the world. Native American Indian tribes generally value cultural resources as ancestral footprints and wellsprings of community identity, as well as data sources. For this reason, and because cultural resource sites are not partitioned from living communities on tribal lands, as they are on federal and state lands, tribes are disproportionately threatened and impacted by archaeological resource crime. New means and methods are being developed in close partnership with the White Mountain Apache tribe to prevent, investigate, and remediate looting in one of Arizona's most beautiful and important cultural resource regions.

Chapter Web News: Our chapter web page, www.azarchsoc.wildapricot.org/desertfoothills, is the best place to get DFC Chapter news and updates and an excellent information source. The chapter website 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.

Feb. 11th Field Trip to Tuzigoot National Monument and Arizona Copper Mining Museum. The first stop is Tuzigoot National Monument to visit the pueblo and trails through Tavasci Marsh. Next, the Arizona Copper Art Museum in the former copper town of Clarkdale. This day trip is limited to 12 AAS/DFC members with priority given to Desert Foothills Chapter members. More details after sign-up with maryk92@aol.com; you must sign up prior to 02/01/2020.

Feb. 22nd Workshop: Join us on Saturday from 9 am to 3 pm for a Primitive Rattle Gourd Workshop with instructor Arturo Ramirez, who is Apache and Southern Ute. Arturo teaches rattle-making with Arizona grown gourds, Arizona deadfall handles, New Mexico Pheasant feathers, and anthill pebbles from such locations as

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Chaco Canyon, Chimney Rock, Pottery Mound and Paquime as well as several other significant cultural areas. The class is limited to 15 AAS/DFC members with priority given to Desert Foothills Chapter members. More details after sign-up with maryk92@aol.com; you must sign up prior to 02/10/2020.

--Roger Kearney



Homolovi Chapter

The Homolovi Chapter is taking a break for the winter to avoid possible winter driving conditions and early darkness, so there are no upcoming meetings to announce. However, we do keep posting links to interesting archaeological articles on our Facebook page, Homolovi Chapter of AAS, including a recent in-depth article about the recently discovered importance of tiny potatoes in the cuisine of the ancient southwest and the resurgence of them as a modern food crop.

--Sky Roshay



Little Colorado River Chapter

We were pleased to host a presentation by Allen Dart on *The Antiquity of Irrigation in the Southwest*, sponsored by the Arizona Humanities, at our Jan. 20th meeting. We learned many interesting facts concerning irrigation systems connected to the San Pedro, Salt and Gila rivers and dating as early as 1500 BCE in the areas around Tucson and Phoenix and extending to east of Florence. These were directly ancestral to the Hohokam Culture of southern Arizona which had its beginnings ca. 500 BCE.

We were fortunate to welcome Andy Oventile as our new Treasurer and Ester Morgan on the chapter's Board of Directors. Also, we anticipate several field trips throughout the Tonto Basin during the coming Spring. Contact Tony at tony@anthonyraycontreas.com.

Our Feb. 17th meeting will be held in the Udall Room of the Springerville Heritage Center at 7 pm. The program is TBD. Guests are invited to have dinner with us at 5 pm at the Safire Restaurant across the street from the Heritage Center.

--Carol Farnsworth



NORTHERN ARIZONA CHAPTER

February Meeting: The speaker for our Feb 17th meeting will be Don Keller, Research Associate, Museum of Northern Arizona, who will present *Mapping the Sites: Challenges in Architectural Visibility*. The great range of regional architecture and settlement organization throughout the history of the Southwest stands as an important physical legacy of its indigenous cultures. The condition and visibility of many of these structures and their relationships present challenges in seeing the whole, and in presenting and interpreting forms and functions. This is especially so in the absence of extensive, perhaps controversial and always costly excavation. A personal history of field mapping reviews some ways these challenges have been addressed at a number of Native American sites in northern Arizona and southern Utah

Don Keller (B.S. Engineering, UCLA; M.A. Anthropology, SUNY Binghamton) has engaged in archaeological studies on the Colorado Plateau and desert Southwest since the mid-1970s, joining the Museum of Northern Arizona after Peace Corps service and graduate school. His interests include landscape settlement patterning, architectural and topographic mapping, and field and darkroom photography. His experience includes the Alton coalfield and upper Escalante River canyon surveys, the Cedar Mesa Project, Grand Canyon excavations, Walnut Canyon and Wupatki National Monument mapping and photography, and, with the Verde Valley Chapter of the Arizona Archaeological Society, the Doren's Castle and Hackberry Basin racetrack complex mapping projects. These underpin Don's leadership in the museum's Ventures outdoor education program, emphasizing

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wilderness guiding and field interpretation of archaeological and natural history resources. Don is a licensed river guide with time on the San Juan, Green, and Colorado Rivers as well as piloting on Lake Powell, and holds Wilderness First Responder certification. He is a member of the Museum of Northern Arizona staff and its Research Associate program.

We meet at 7 pm in the Alpine room at the Peaks Senior Living Center, the 3rd Tuesday of each month.

--Antoinette Beiser



Phoenix Chapter

Feb. 11th Meeting: Gregory McNamee will present *The Gila: River of History*. Six hundred miles long from its source in the mountains of southwestern New Mexico to its confluence with the Colorado River above Yuma, the Gila has been an important avenue for the movement of birds, animals, plants, and peoples across the desert for millennia. Many cultures have sprung up on its banks, and millions of people depend on the river today - whether they know it or not. Gregory McNamee, author of the prizewinning book *Gila: The Life and Death of an American River*, presents a biography of this vital resource, drawing on Native American stories, pioneer memoirs, the writings of modern naturalists such as Aldo Leopold and Edward Abbey, and many other sources. Think of it as 70 million years of history packed into an entertaining, informative hour. To download a flyer for the February meeting, go to the Phoenix Chapter page on the AAS website.

Gregory McNamee is a writer, editor, photographer, and publisher. He is the author of 40 books and more than 6,000 articles and other publications. He is a contributing editor to the Encyclopædia Britannica, a research fellow at the Southwest Center of the University of Arizona, and a lecturer in the Eller School of Management at the University of Arizona. This presentation is made possible by the AZ Speaks program, the longest-running and most popular program of Arizona Humanities, a statewide 501(c)3 non-profit organization and the Arizona affiliate of the National Endowment for the Humanities.

Feb. 11th Silent Auction: Please collect any items you wish to donate for the silent auction and bring them with you. We will set up the room in the afternoon and we should be able to get into it after 6:30 pm. We will have AAS donation sheets available to fill out. (If you want to fill them out beforehand, email me at elarge@cox.com and I will email them to you.) We will also be selling raffle tickets for an Acoma pot - you can buy tickets for the raffle before and after the evening's presentation. The winning ticket will be drawn at the April 14th meeting.

Jan. 14th Meeting: Janine Hernbrode presented *Patterns in Petroglyphs: Hints of the Hohokam Cosmology on the Landscape*. After 15 years of recording and analysis of more than 16,000 glyphs located in landscapes with similar characteristics, she and her research partner, Dr. Peter Boyle, have concluded that these images record the belief systems of its creators. The images are interwoven into lines and circles and more complex images carefully placed in very particular locations on the landscape. By applying the scientific method to the patterns observed, by working with ethnographic accounts and linguistic analysis by others, and by consulting with indigenous people, they have gained some understanding of, and identified threads of continuity between, Native American belief systems and rock art motifs. She carefully led us through the reasoning behind their conclusions. It was a really good and thought-provoking presentation.

Reminder: only AAS members can go on field trips! Renew today if you haven't already. 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:

Feb. 22 Baby Canyon on the Agua Fria National Monument with Mike Hoogendyk. Ruins, petroglyphs. Bad road, easy hike. Needs a high-clearance jeep. Mike has dedicated his life to exploring AFNM and is

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very knowledgeable about the history and prehistory of the area. If the weather is bad, the river is high, or the mud is deep, we'll do an easy-access hike someplace else. To sign up, email Phyllis at 76desert@gmail.com. Four intrepid souls have already committed themselves. There are seats available; let her know if you want to go and don't have an appropriate vehicle.

TBD Loy Butte Area Pictographs Hike led by Wayne Swart; near Honanki, outsider Sedona. About 2 miles one way, a little bit of bush-whacking. If there is any interest we can visit a ruin site about one mile further down the same path. For more information email Eric at feldbrain@hotmail.com.

Upcoming Meetings:

March 10: Allen Dart, Az Humanities, *The Antiquity of Irrigation in the Southwest*.

April 14: Ron Parker, author of *Chasing Centuries: The Search for Ancient Agave Cultivars Across the Desert Southwest*; with books available for purchase.

May 12: Don Liponi, photographer and editor of *La Rumorosa: Rock Art Along the Border, Volume 2*, with books available for purchase.

Upcoming Events:

Feb. 7, 14, 21: Noon, PGM. Scitech Lecture Series. See Upcoming Events.

Feb. 15: 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.

Feb. 22: 11 am-3 pm, PGM. Mata Ortiz pottery and Zapotec Weaving Show and Sale.

March 9: 2020 Sonoran Symposium at the Sonoran Desert Inn and Conference Center in Ajo. Go to <https://www.sonoransymposium.com> for more information.

Upcoming Fundraiser: We will have a **Book Sale** at our March meeting. Please collect any books, posters, maps, etc., that you want to donate and bring them to the meeting 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

January Meeting: Jim Krehbiel presented his archaeoastronomy research in the Bears Ears National Monument and surrounding area; the lecture was very well attended - over 50 people were at the meeting. We are gaining more interest and attendance since the meetings moved to the Payson Senior Center. After the meeting, although the day hikes were cancelled, local site stewards Dale Bellisfield, Ardith Hogan and Chris Tetzloff took Jim and his research associate, Natalie Cunningham, to a couple of nearby possible calendrical and archaeoastronomy sites to obtain their assessments.

February Meeting: Our Feb. 1st meeting will be at 10 am at the Payson Senior Center, 514 W Main Street again. This will be our regular meeting place from this point on. The community is welcome to attend. Our guest speaker will be Ralph "R. E." Burrillo, who will present *The Anthropology of Paleontology: A Quick Look at Native American Depictions of the North American Fossil Record*. He is an author and archaeologist with multiple publications in archaeology journals and in Archaeology Southwest magazine, and a book about Bears Ears National Monument coming later in 2020. The insight that can be obtained from how indigenous peoples viewed fossils and how they were depicted will be explored. We can also learn more about the relationship of native peoples with the land, and obtain an alternative paleontological point of view.

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February Hike: After the meeting, a members-only hike may take place to the local Paleo site off of SR260, depending on the weather. If you are not a member and wish to join, membership is \$35 a year for an individual, \$40 for a family

--Chris Teteloff



San Tan Chapter

February 12th Meeting: Monica King, Education Curator at the Huhugam Heritage Center, will present *New Gardening Project Revitalizes Traditional Plants for Basket Weavers*. Her talk will be about a project done at the Center involving revitalizing traditional native plants. She will show a short video and then explain more about the project. Volunteers from various Gila River Indian Community departments gathered at the Huhugam Heritage Center to work on a "Basket Makers" garden. The purpose of the Garden was to grow devil's claw, a plant vital to basket weaving. Devil's claw has been scarce in supply. "What we are going to be doing is an experiment to see which plant grows the longest, which one grows the darkest," said King. This should be a very interesting presentation, come join us.

January Meeting: Our January speaker, Wendy Hodgins, went into much detail about the different species of agave, where and when they grew and how they were harvested. She has traveled throughout the southwest to document the systematics of Agave, including the study of pre-Columbian agave cultivators. It was a great learning experience for our members.

Upcoming Event: The San Tan Chapter's mini Expo titled *Invitation to Arizona Archaeology* will be held on Saturday, March 28th, from 10 am to 2 pm. Exhibitors from S.A.L.T. will demonstrate arrow making and fire starting along with flint knapping and 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 on any of the above activities, call Marie at 480-390-3491 or email her at mbrit@cox.net.

--Marie Britton



Verde Valley Chapter

February Meeting: Our meeting will be on Thursday, Feb. 27th, at 7 pm in the public meeting room of the Sedona Public Library, 3250 White Bear Road in West Sedona. Dr. Frank Bungartz, a world-renowned lichenologist, will present *Biodiversity, Evolution, Ecology, and Conservation of Lichenized Fungi*, the fascinating and little known story of lichen in our everyday world and his research on the effects of lichens on areas of our local rock art. Dr. Bungartz's research focuses on the biodiversity, evolution, ecology and conservation of lichenized fungi. He has worked intensively in the Sonoran Desert Region (southwestern USA & northwestern Mexico), in Central America (Mexico) and South America (particularly the Galapagos Islands).

Currently, he is working on a *Species Inventory of Galapagos Lichens* with the objective to publishing an illustrated, comprehensive guide to the lichen biota of that. Through the Global Fungal Red List Initiative, he is also involved with IUCN red-listing of endemic Galapagos lichens. In Arizona he has been a contributor and editor to the *Lichen Flora of the Greater Sonoran Desert Region*, a comprehensive treatment of all lichen species known from this region, published in three volumes from 2002-2007. Having recently returned to the desert in July 2017, he hopes to again focus on investigating its unique lichen diversity, trying to characterize in more detail how lichen species have adapted to and are distributed in this environment.

Having been involved in managing natural history collections for many years, Dr. Bungartz has a strong interest in specimen data management and imaging. For years the ASU Natural History Collections have been at the

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forefront of developing tools for managing and sharing biodiversity data through Symbiota. In the Galapagos, part of his research activities are focused on developing similar resources, i.e., the Charles Darwin Foundation for the Galapagos (CDF) Datazone, a portal to manage and share biodiversity data about this unique archipelago. Presently he is collaborating with the National Biodiversity Institute of Ecuador and the CDF to establish a national biodiversity data portal for Ecuador. This work is being done in close collaboration with Ed Gilbert, ASU's principal programmer of the Symbiota.

Upcoming Events:

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, Ste A-3, Sedona.

March 26: 1:30–2:30 pm. In lieu of our monthly chapter meeting, Author & Photographer Larry Lindahl will do a presentation on his book *The Ancient Southwest: A Guide to Archaeological Sites* at the Mary Fisher. Signed books will be available for sale. There is a \$10 entry fee. Both of these presentations will be advertised in the International Film Festival website, <https://sedonafilmfestival.com/>, and in the local newspapers. Please mark you calendars!

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

April 19: Chapter Picnic: Sunday, 11 am-5 pm, at Dead Horse State Park. More info next month.

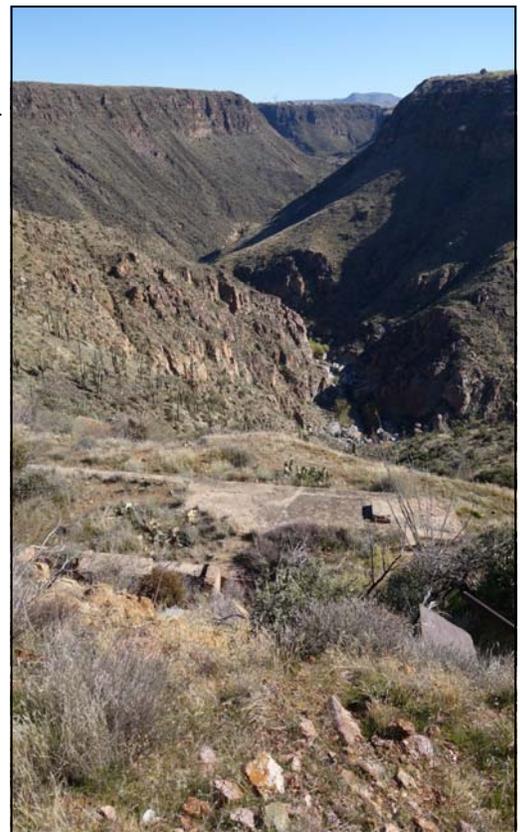
--Jon Petrescu

Yavapai Chapter

Field Trips: The weather finally cooperated and we were able to make our long-promised visit to the historic and prehistoric Richinbar sites in the Agua Fria National Monument. We visited both the mine and the pueblo. The mine was developed in the early 1900's by the Richinbar Mines Company and included a 20-stamp mill. It was acquired by the Sterling Gold Mining Corporation in 1933; by 1940 it was clear that it was no longer going to be profitable as the corporation had gone bankrupt and the subsequent reorganization was not successful. Production ceased by 1948 after having produced a total of ~32,000 tons of ore, mostly copper but with substantial amounts of lead, gold & silver. Today it is still an interesting site with several unusual structures remaining and some petroglyphs close by (see photos at right and on next page).

A multi-day field trip is in planning for April. We will visit sites in the Holbrook and Lyman Lake areas. Sign-up will be at the February general meeting, further details to come.

January Meeting: Our own Chuck Stroh talked about his visit to see the pictographs in the Caves of Sierra de San Francisco in the mountains of Baja California Sur. These are remarkable black and sienna images of human and animal figures, some life-size, some much bigger. Modern dating suggests the earliest may date to 5500 BCE and were probably created by the now culturally extinct Chochimi people. The images were known to Spanish missionaries but they only came into prominence following a LIFE magazine article by Erle Stanley Gardner in 1962. Further research has been done since then and the caves are much better known these days, but the remote location and protection by the Mexican government has kept them in nearly pristine condition and out of the public eye.



Looking into Agua Fria Canyon from the mine



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Upcoming Meetings:

Feb. 19: Jason Nez: Ceramics. More details to follow.

March 18: Richard Ryan: Ice Age Arizona - Plants, Animals, and People.

Looking further down the line, we have arranged for Sean Hammond, the Arizona State Parks Site Steward Program Coordinator, to speak and we are hoping to get Elaine Zamora of the Prescott National Forest to talk to us about archaeology in the forest. Dates for both talks are to be determined.

Book Sale: We continue to hold our book sales at the general meetings. You can buy books and reports that might interest you or you can bring your own books to offer to other members. All proceeds go to the chapter.

Volunteers Still Needed: We are looking to recruit someone to help with organizing membership records for the chapter and we still need a chapter VP to serve in 2020. The primary duty of the VP is to arrange for guest speakers for our general meetings. If you are interested in either role please contact us at ycaasec@gmail.com.

Willow Lake Pithouses: We always need members to serve as docents at the pithouses that we look after 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, Education Chair Warner Wise will bring you up to speed. Get in touch with him here.

At the Smoki Museum: There is a special exhibit entitled *The Daughters of Turtle Island: A Tribute to Native Women*. It will run for 3 to 4 months. More info is always available on the Smoki's Events webpage.

General Meetings: Our meetings take place on the 3rd Wednesday of the month at 6:30 pm in the Pueblo Room of the Smoki Museum at 147 N. Arizona Avenue in Prescott. There is also a pre-meeting dinner, gathering at 4:30 pm at Augie's, 1721 AZ-69 (between McDonald's and Einstein Bros.), in front of Frontier Village Center in Prescott.

--Ian Critchley

UPCOMING EVENTS

AAHS	Az Arch. & Hist. Society, UA ENR2 Bldg, Rm S107; az-arch-and-hist.org
AIA	Archaeological Institute of America, www.archaeological.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
LPRP	Lake Pleasant Regional Park, 9345 N. Overlook Road, Peoria; 928-501-1703; maricopacountyparks.net
OPAC	Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson, 520-798-1201; oldpueblo.org
OPAC	Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson, 520-798-1201; oldpueblo.org
PGM	Pueblo Grande Museum, 4619 E. Washington St., Phoenix, 602-495-0901; pueblogrande.com
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
STM RP	San Tan Mtn Reg. Park, 6533 W. Phillips Rd, Queen Creek; 480-655-5554; maricopacountyparks.net
VVAC	Verde Valley Archaeology Center, 385 S. Main St., Camp Verde, 928-567-0066; verdevalleyarchaeology.org
WTMRP	White Tank Mtn Reg. Park, 20304 W. White Tank Mtn Rd, Waddell; 623-935-2505; maricopacountyparks.net

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UPCOMING EVENTS cont.

Feb. 4, 5 pm, AIA & UA, Tucson: Lecture on *Mt. Lykaion Through the Ages: Recent Excavations, Future Directions* by Dr. Mary Voyatzis in UA's Haury Room 129, 1009 E. South Campus Drive.

Feb. 4, 5:30-7 pm, ASW, Tucson, Archaeology Cafe: Kyle Woodson discusses *The History and Significance of the Casa Grande Ruins National Monument*. Free lecture in The Loft Cinema, 3233 E. Speedway Blvd. Guests may purchase refreshments & snacks from the concession bar. Program begins at 6 pm in Theatre 1. Plenty of free parking.

Feb. 5, Noon, CGRNM, Coolidge, Lecture: *Early Agriculture in Southern Arizona* by Allen Denoyer, Archaeology Southwest. The program begins at noon in the Visitor Center theater at 1100 W Ruins Drive.

Feb. 5, 6:30-8 pm, PGM, Phoenix, PGMA Talk: *I Got the Impression That He Knew What the Mexicanos Had Experienced in Our Town* by Dr. Christine Marin.

Feb. 6, 9-Noon, WTMRP, Waddell, Hike: *Waterfall Archeology Hike*. Join park volunteer Chris Reed on this easy 2-mile walk to go back in time. Use your senses of sight, hearing, touch, and smell to discover the evidence of human history along the Waterfall trail. No dogs. Meet at the Waterfall trailhead.

Feb. 6, 16, 27 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.

Feb. 7, 12-1 pm, PGM, Phoenix, Scitech Lecture: *Hohokam Marine Shell Jewelry Acquisition, Production, and Use at Pueblo Grande* by Andrea Gregory, ACS.

Feb. 7, 4:30-6 pm, VVAC, Camp Verde, Lecture: *These People Have Always Been a Republic* by Maurice S. Crandall, (Yavapai-Apache Nation), Asst. Prof., Native American Studies, Dartmouth College. Spanning 300 years and the colonial regimes of Spain, Mexico, and the U. S., his sweeping history of Native American political rights in New Mexico, Arizona, and Sonora shows how indigenous communities implemented, subverted, and rejected colonial ideologies of democracy, both to accommodate and to oppose colonial power. In the Camp Verde Community Library.

Feb. 9, 1-3 pm, PGM, Phoenix: *Drop-In Discovery with the Superstition Mountain Museum*. Learn about the history and legends of the Superstition Mountains and the Hohokam connection with Pueblo Grande. Included with paid admission; children under 17 free on Sundays.

Feb. 14, 12-1 pm, PGM, Phoenix, Scitech Lecture: *Akimel O'odham and Pee Posh Bow and Arrow Technology: Modern Experimental Testing of Ancient Designs* by Chris Loendorf, GRIC.

Feb. 15, 8-11 am, PGM, Phoenix: *Mudslinging on the Mound*. PGM needs volunteers to sling mud and help preserve the past. Mudslinging is a stabilization technique for earthen structures like the platform mound at Pueblo Grande. Call the museum at (602) 495-0901 to RSVP as a volunteer. No experience required, just be sure to bring some water, a hat, your sunscreen and a desire to play in the mud.

Feb. 16, 1 pm, RRSP, Sedona, *Archaeology Hike*: Hear the fascinating story of the Native American Sinaguans who lived and traveled in Red Rock State Park. About 1½ - 2 hours, an elevation gain of 250 feet; easy to moderate trails; may begin with a short presentation in the theater. Included with park entrance fees. Questions: 928-282-6907.

Feb. 17, 7-8:30 pm, AAHS, Tucson, Lecture: *Studying Southwestern Archaeology* by Steve Lekson. Steve argues that archaeology got the history of the ancient Southwest wrong and advocates for an entirely new approach that moves archaeological thought in the Southwest to more historical ways of thinking.

Feb. 20, 6-8:30 pm, OPAC, Oro Valley, Dinner & Talk: *Living with the Canals: Water, Ecology, and Cultural Memory in Banámichi, Sonora* by anthropologist Elizabeth Eklund at Karichimaka Mexican Restaurant, 5252 S. Mission Rd., Tucson. Free. Order dinner off of the restaurant's menu at your expense. Dinner starts at 6 pm, presentation about 7 pm. Reservations must be requested and confirmed before 5 pm Feb. 19 at info@oldpueblo.org or 520-798-1201.

Feb. 21, 12-1 pm, PGM, Phoenix, Scitech Lecture: *The Ghost Canals of Phoenix: Using aerial photography and mapping data to identify the persistent patterns of early Phoenix irrigation* by Dan Garcia, SRP.

Feb 22, 9-11:00 am, LPRP, Peoria: *Native American History Hike*. Join the rangers on a hike on the Yavapai Point Trail. Along the way, they will talk about the Native American history of the Lake Pleasant Area. 3 miles round-trip, takes about 2 hours. Difficulty moderate. Bring plenty of water; meet at the Cottonwood Trailhead, via the park's north entrance. Follow the "Hike" signs. For questions call 602-506-9556.

Feb. 22, 10 am-2 pm, STMRP, Queen Creek: *Archaeology Day*. Learn about the Hohokam culture with displays, demonstrations and informal talks presented at our Main Trailhead. Demonstrations by craft specialists bring to life ancient traditions that were part of everyday life in the ancient world. Kids can get hands-on experience designing a petroglyph, reassembling a prehistoric pot in puzzle form, and braiding/twining "cordage".

(Continued on page 11)

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UPCOMING EVENTS cont.

Feb. 22, 11 am-3 pm, PGM, Phoenix: *Mata Ortiz Pottery and Zapotec Weaving Show and Sale*. Dr. John V. Bezy will be available for questions about the Mata Ortiz ceramic tradition and the archaeological area of Paquimé, Chihuahua. Master artist Oralia López will answer your questions about the intricate process of painting these pots and internationally renowned Zapotec weavers from Teotitlan del Valle, Oaxaca, will answer questions on the textiles.

Feb. 27, 6 pm, AIA, ASU-Tempe, Lecture: *Six Degrees of Socrates: The Social Networks of the Ancient Greeks* by Diane Harris Cline, Assoc. Prof., History and Classics, GWU, Georgetown. Room TBA.

Feb. 28, 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; sign up on day of tour.

March 1, 2 pm, RRSP, Sedona, Talk: *The Antiquity of Irrigation in the Southwest* by archaeologist Allen Dart at Casa Grande Ruins National Monument; cosponsored by Arizona Humanities. Included with park entrance fees; however, seating is limited and reservations are required. Call 928-282-6907 to reserve seats in the theater.

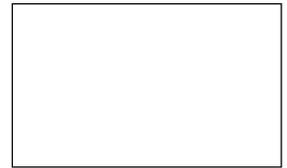
August 6-9, **2020 Pecos Conference**, Mancos, Colorado. Registration Opens April 2020. (www.pecosconference.org)

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	Vicki Caltabiano
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.	Tom Cloonan 206-849-8476
Yavapai	Pueblo of the Smoki Museum 147 North Arizona St., Prescott	3 rd Wed., 6:30 pm Sept. thru Nov., Jan. thru June.	Scott Sutton



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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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