

# THE PETROGLYPH

## Newsletter of the Arizona Archaeological Society

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### A MESSAGE FROM THE STATE CHAIR

When the grim reality of the Corona-virus pandemic hit Arizona in March, all of the meetings and events that had been scheduled for the last half of March were cancelled as well as all upcoming meetings, events, and conferences. At that time we were hopeful that the Arizona events could be rescheduled for the fall, but instead of receding, the pandemic has reached new heights, so in-person meetings are on indefinite hold. Responding to this new reality has brought out increased reliance on new technology - from using Zoom to hold virtual meetings to buying voice-amplifiers for tour group leaders to prevent hikers from violating social distancing. Another casualty of the pandemic was the 2021 State Meeting and AAS Awards. With the prospects for distribution of a vaccine on the horizon, we should be able to have a 2022 State Meeting in late October or early November; we will have to start planning soon.

Sadly we also lost three of our members during the last year (not necessarily to the virus) and they are remembered on page 2. If you know of others that we should remember, please let me know.

**New Class:** We now have an *Advanced Southwest Archaeology - Hohokam* class available. At Linda Krumrie's urging we had arranged to tape the class, and Allen Dart had completed ten sessions by mid-March covering all of the required topics for the class. A flash drive will be mailed out shortly to the Chapter Presidents. In addition, we asked the videographer who taped the class to create five separate videos of the talks at the 2019 State Meeting which will also be provided to each chapter.

**New (and Old) AAS Publications:** Bill Burkett arranged to publish a two-volume report on Homol'ovi as *Arizona Archaeologist No. 43*. Titled *Down Along Paayu: The History of Homol'ovi II Pueblo* and authored by Richard C. Lange, retired archaeologist from Arizona State Museum (ASM), University of Arizona, the report describes the history of Homol'ovi II Pueblo, one of the seven villages established along the Little Colorado River (Paayu in the Hopi language). The printed volumes are available to members in grayscale for free and in color for \$48 through your chapter. Both volumes are available for AAS members to download in color, for free, from our website. In addition, I added two AAS publications that were out-of-print to the library of pdfs available to download: AAS No. 20, *Earth Figures of the Lower Colorado and Gila River Deserts: A Functional Analysis* by Boma Johnson, and an Occasional Paper: *Proceedings of the Second Salado Conference Globe, AZ 1992*, edited by Richard C. Lange.

In addition to our regular features, this month we received two informative documents - one on *All About Zoom* and one on the *Do's and Don'ts of Rock Art*. And, instead of an *Upcoming Events* page, I added information on *Museums, Parks and Talks* with the internet URLs so that you can find out more information on what is available and what their Covid restrictions require. Please let me know if you would like for me to add other sites to this listing.

Although it is now a bit chillier in the higher elevations, the heat has been turned off in the lower areas so that all of us can take advantage of the weather to go hiking on our own or in small groups, keeping our distance from each other, and enjoy the abundant sunshine. Enjoy Arizona!

--Ellie Large, Chair

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**Next deadline is 5 pm,  
Wednesday, Dec. 23**

### Chapter Treasurers Reminder

Please create and submit your chapter's IRS Form 990 no later than Jan. 15, 2021. These should be sent to AAS Treasurer Sam Baar at his address on the back of the Petroglyph. Thank you for addressing this in a timely manner. Contact Sam for more info.

### Annual Chapter Reports Reminder

Chapter Secretaries: Please send your 2020 Annual Chapter Report to Ellen Martin, 2<sup>nd</sup> Vice Chair, at her address on the back of the Petroglyph, as early as possible in the New Year. If you need help, please feel free to contact either Ellen or Ellie Large, who was 2<sup>nd</sup> Vice Chair for several years.

## IN REMEMBRANCE

### Walt Gosart

Sad news today about the passing of one of our local treasures, Walter Gosart. Walter spent much of the past 30 years voluntarily teaching the public about the past, most often out at Elden Pueblo. I would see Walter at just about every public archaeology event I ever attended. The attached photo was from last year's Grand Canyon Archaeology Day at Desert View with Walter in the cap on the far right.

About a month ago Peter Pilles and I had a chance to visit Walter while he was under the wonderful care provided at the Olivia White Hospice House. We were able to share a number of laughs about atlatls and our shared experiences teaching at Elden. RIP Walter, you will be forever missed.



Donations in his memory may be made to the Museum of Northern Arizona, the Verde Valley Archaeology Center or the Olivia White Hospice House. To see the obituary from the Flagstaff Daily Sun click on the link below:

[https://azdailysun.com/lifestyles/announcements/obituaries/walter-gosart/article\\_a700286c-5bfb-52cd-86c7-4607ac88d9a7.html#tracking-source=home-trending](https://azdailysun.com/lifestyles/announcements/obituaries/walter-gosart/article_a700286c-5bfb-52cd-86c7-4607ac88d9a7.html#tracking-source=home-trending)

--Neil Weintraub

### Jerri Freeman

Jerri Freeman, our very good friend and board member, passed away in April. It was sudden but was of natural causes, nothing to do with the virus. It came as a shock to me when I tried to call her recently and a family member informed me of her passing. At this time, the family has chosen to not have a memorial service.

They asked for donations to her favorite organizations, one of which is the San Tan Chapter of the AAS. Donations can be made to San Tan Chapter AAS and mailed to our treasurer, Jim Britton, at 2929 E. Main St., #136 Mesa Az 85213.

--Marie Britton

### Nancy Zeno

Long time Arizona Archaeology Society member Nancy Zeno passed away on October 6<sup>th</sup>. Nancy was very involved with the society and especially the Desert Foothills Chapter. She received the 2018 Avocational Archaeologist Award at the 2018 AAS Annual Meeting in Payson. Her efforts at the Chapter and State level included: Chapter President, Treasurer and Membership Chair, Director, Certification Representative, Speaker Chair, Archivist and AAS State Secretary. Nancy also participated in many DFC archaeological projects and activities including the survey, locating, recording, mapping, collecting surface samples, and conducting test excavations of archaeological sites. She contributed greatly to the accomplishments and professionalism of the Society, and to the respect that it has earned within the greater archaeological community in Arizona.

We send our wishes and love to the Zeno family.

--Mary Kearney and Glenda Simmons, Desert Foothills Chapter

ALL ABOUT ZOOM  
By Nancy and Bob Unferth

**What is Zoom?**

Zoom is a free app that allows you to meet, see, and talk with 1 or more persons online. You can download Zoom on your desktop computer, tablet, notebook and phone. I believe the phone uses a different app than the other types of computers. When you download, don't take any offers that have a cost. You can pay later if you want the extra time or invites.

Generally you cannot use Zoom if your computer, laptop, etc. does not have a camera and microphone. Desktop computers usually do not come with a camera and microphone, which are add-ons which can be purchased from Walmart for \$30 or less. It just plugs into a serial port (called a "USB") on the computer. Be sure the cover is off the camera.

**How Do I Participate in a Zoom Meeting?**

Zoom has hosts and guests invited by the host. The invitation is a link in an email. The host sends the email to the invitee with the link. At the time of the meeting, you open the link and click it. It usually will be in a different color like blue. It may say, "Launch meeting." There will be another number which is the Meeting ID. Once in a while that number is asked for when you sign in after you have clicked the link. (Usually not).

After clicking on the link, it may say, "If you cannot download or run the application, join from your browser." Click on "join from your browser," which may be in blue.

If you have not downloaded the app, Zoom will usually download the app when you click the invite. Usually Zoom opens up in a waiting room and says the host will admit you shortly and that is what happens. At some point it may ask you a question like do you want video, or do you want to use computer sound. Usually the answer is "yes".

After entering, mouse down to the bottom of the screen. Look for the picture of a microphone at the left hand corner. If it has a red line through it, it is muted. No one can hear you. You can still hear, just not talk. You may need to click on it to enable you to talk or even to hear. A message may come up in the middle of the screen saying "Use computer system for sound." Click on it and you should be able to hear and talk.

Later, if the microphone has a red line through it, it is muted. You can hear, but no one can hear you – you can't talk and be heard. Unmute the microphone by clicking on it if you want to be heard.

If it is muted by the host, she at some point can tell you to unmute and then you should click that microphone. There is also a picture of a camera near the bottom left side of the screen. If that has a red line through it, it means other people cannot see you. That is for someone who doesn't want the other people to see them. You can click it and they will see you.

**What Else Should I Know About a Zoom Meeting?**

You have to take turns on Zoom. With a small group it is pretty easy to have a conversation. With a big group, it is better if the host helps to sort out who should talk.

There is a chat choice near the bottom of the screen. If you want to tell the group something without interfering with the group, you can click on it and write a message. You can leave the event any time. There is a "Leave" sign on the bottom right of the screen.

**What Is the Difference Between a Paying Participant and a Non-Paying Participant?**

The nonpaying participant can only host a meeting for 40 minutes. Then it cuts you off. If you are at a meeting hosted by a paying participant and you are not a paid participant, then you can stay on as long as the host is on. If the host is a paying participant the meetings can be as long as they want, up to 24 hours. A paid participant can have up to 100 invitees.

**Is It Beneficial to Use Zoom?**

It is a good idea to be able to use Zoom or something similar. We use Zoom to have meetings with friends all over the country. Many of these friends are ones we only saw once a year or less, and occasionally talked on the phone. Now we are in regular contact with these friends and often have long talks. It's great. Learn Zoom (and there are other similar apps) and you will enjoy using it.

If you have questions, call me at 602-758-5561.

--Nancy Unferth

## CHAPTER NEWS



## Agave House Chapter

Due to the Coronavirus we have been unable to hold public meetings. The Board of Directors for Agave House Chapter, led by President Richard Gonsalves, voted to try using Zoom for our meetings. Richard was successful in setting up Zoom and instructing all members who were interested in how to access zoom. He also helped each monthly speaker learn how to present a Zoom meeting. We have had outstanding success with our Zoom meetings since July!

**July Meeting:** John Ruskamp Jr. presented *Ancient Asian Antecedents in North America*. John has spoken to our group before and each presentation is a continuation of his progress in uncovering more and more petroglyphic evidence that ancient Chinese explorers visited the Americas thousands of years ago. He presented a set of ancient cartouche petroglyphs from the Rinconada Canyon area of Albuquerque NM's Petroglyph National Monument that he interprets as the ancient written Chinese symbols: *xian* 'to offer sacrifice in worship to deceased ancestors', *quan* 'dog', *da* 'great', *jie* 'to kneel down in reverence', 'Da Jia' (the name of the third or fourth king of the Shang dynasty), and *geng* (the seventh Chinese Heavenly Stem). The four pictogram-glyphs are talking about a respectful man honoring a superior with the sacrificial offering of a dog. This is just one of many that John has uncovered recently. It is extremely exciting to witness a new academic field of study. We look forward to his next installment. Click this link to view a copy of the Zoom meeting: <https://www.youtube.com/watch?v=bJVDM18Q4Uc>

**August Meeting:** A presentation by Kenn Evans II, *Hopi Code Talkers of World War II*. The stories by the more well-known Navajo Code Talkers have overshadowed the stories by other Code Talkers that took place in the same time frame. Kenn Evans' talk focused on ten men from the Hopi Tribe who provided coded transmissions in both the European Theater and later in the Pacific Theater. It was fascinating to learn how, when these humble Hopi men returned to their homes after their tour of duty, they only told their story one time to close family. Their motto: "A Code Never Broken! A Secret Never Shared!" A wonderful presentation!!

**September Meeting:** A presentation and video by Denis Roshay and Darlene Brinkerhoff, *The Chevelon Steps at Rock Art Ranch*. Award-winning videographer Dennis Roshay teamed with rock art specialist, as well as our guide and recorder, Darlene Brinkerhoff, to give an intimate video tour of the remarkable petroglyphs in this section of Chevelon Canyon, not far from the city of Holbrook. Darlene has led more tours to The Chevelon Steps than she cares to remember, and might even be willing to take a group from the Agave Chapter should there be such an interest. This was a beautiful presentation showing hundreds of petroglyphs and the beautiful canyon! Link to video:

<https://www.youtube.com/watch?v=3lpSpS-nd6A&list=PLSuzCwDH04TZ511vfbSJGm4QC9dZDsW7o&index=3>

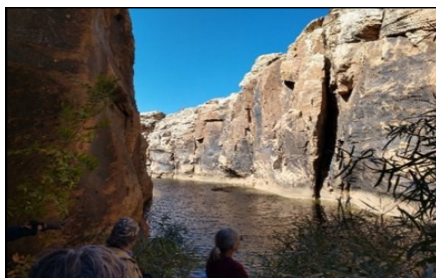
**October Meeting:** Speaker Richard Gonsalves spoke about *Recent Finds: Emerging Stories in Petroglyphs*. No one really knows what the petroglyphs mean but some meanings are coming out. Petroglyphs in the American Southwest tell many stories from astronomical to cultural and some have connections to the Aztec and even the Chinese. Richard presents his interpretations of recent discoveries !! Link to the presentation: <https://www.youtube.com/watch?v=h5K41ab1WgE>

## Field Trips:

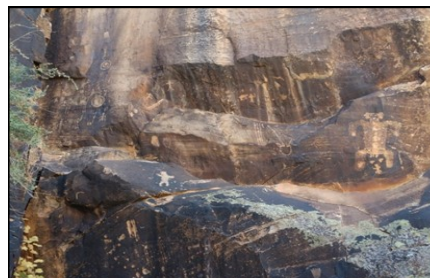
- Aug. 13: A few members went on an easy hike to Show Low Bluff trail which is part of the White Mountain Trail System of Arizona through TRACKS. The trail is a 1.5-mile primitive loop rated easy to moderate. There is also an area to the left of the improved trail that was another exciting place for us to explore. After the hike, the members had lunch at Annie's in Show Low.
- Oct. 15: We had a great field trip to the Rock Art Ranch on the Chevelon Canyon. Darlene Brinkerhoff, who presented our September meeting on the petroglyphs, was our guide for the day. Ten members attended and were able to view some magnificent petroglyphs along the scenic walls. Although the wind blew up a gale in the afternoon, we tried to ignore it and had a great trip!



Rock Art Ranch Field Trip



Chevelon Canyon



Petroglyphs on the Walls

We are looking forward to another exciting upcoming year! Stay tuned for details on our Jan. 27, 2021 meeting.

--Era Harris



## Desert Foothills Chapter

**April - September Meetings:** The Board of Directors March announcement and subsequent updates canceled "any in-person meeting activities" through September. September was essentially added to the normal summer-off months as a new plan emerged.

**October Meeting:** We began using Zoom meetings in October to replace our normal in-person meetings. The use of Zoom meetings or other Zoom activities depends on their current and future success, as well as evolving pandemic and safety protocol considerations.

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Our first Zoom meeting was hosted by speaker Donald Liponi, who presented **Rock Art Along the Border** (AZ, CA, and Mexico). Joining Desert Foothills Chapter for this presentation were members from the Verde Valley Chapter as co-hosts. While the presentation and information were excellent, one key takeaway for Rock Art enthusiasts was a software package for computers, cellphones, or cameras called *dstretch* that enhances worn/faded images on rock faces that literally makes the invisible visible.

**November Meeting:** This meeting tested our ability to host a Zoom Meeting with the speaker as co-host. Wayne Ranney presented a virtual tour of **Grand Canyon River Sites**. The entire presentation was new this fall for Wayne and he gave us a terrific presentation that literally placed us in the Canyon and River for archaeological and geological insights. Stick figure dating blew us away.

**December Meeting:** Our next meeting (Wed., Dec 9<sup>th</sup> @ 7pm) is with Kyle Woodson on a Hohokam topic: **Documenting Ancient Hohokam Irrigation Systems along the Middle Gila River and the Social Organization of Irrigation**.

**January Meeting:** We are committed to using Zoom through February at this time. The speaker for our January meeting (Wed., Jan 13<sup>th</sup> @ 7pm) is Gregory McNamee, who will be speaking on **The Gila: River of History**.

**Elections:** The DFC Board remains intact and is elected through 2021 to add as much stability as possible to the chapter in these challenging times. The establishment of Zoom meetings was a big step to providing value in Desert Foothill Chapter membership and we look forward to other possibilities as the new year continues with the pandemic cloud of doubt hanging over all of us.

**Membership Renewals Reminder:** Chapter membership renewals are due shortly. Out of the membership fee, the chapter receives \$10. Thus, every membership really counts and there are no monetary funds flowing into the chapter currently with no in-person activities, trips, or workshops. Please renew your membership for 2021 as soon as possible.

**A word on Chapter Zoom Meetings:** Our advanced time frame for scheduling this type of meeting is shorter than in the past because what dictates the meetings (pandemic and reaction to the pandemic) is uncertain from a timing perspective. Our in-person meetings were planned 6 months to a year in advance which is no longer possible. We have a quick reference chart on our website with Zoom meeting schedules right below the former in-person quick reference chart. Another change with Zoom meetings: the days and start times may vary, but we will try to hold to the same schedule as our former meetings as much as possible. We may also have more than one Zoom event in any given month in the future. Last, our Chapter President sends eblasts on each pending Zoom presentation with the information needed to participate - watch for this notification. Our Zoom subscription level allows for a limited number of participants which is less than our overall DFC chapter membership number, so please do not wait for the last minute to attend.

**Chapter Web News:** The web address for the chapter website is the best place for evolving DFC Chapter news and updates, [www.azarchsoc.wildapricot.org/desertfoothills](http://www.azarchsoc.wildapricot.org/desertfoothills). The chapter website slide show files are back up and running. Please note the addition of a **Quick Reference Chart** for coming Chapter Zoom Meetings.

**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](mailto:maryk92@aol.com) and the only place to sign up or get more information. 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 and NO preregistration for any activity prior to formal announcement.

**Board Announcement:** Covid-19 is still a significant problem and all in-person chapter activities are suspended until we can all meet safely. We are trying to use Zoom as much as possible to ensure a benefit to membership. We are also considering other possible uses of Zoom to create enhancements to membership.

We hope you understand regarding this unfortunate set of circumstances. Fingers crossed that the entire event passes quickly for everyone, regardless of location around the world.

--Roger Kearney



### Little Colorado River Chapter

Although chapter meetings and activities have been curtailed due to the pandemic, we were honored to participate in an Open House outdoor gathering at the Casa Malpais site on the Summer Solstice, sponsored by the Casa Malpais Museum. It drew fifty attendees from across the region. Members of our Chapter were pleased to serve as guides at points of interest across the site. Masks were used and social distancing was practiced. Lunch and refreshments were served and all had an enjoyable and informative experience.

We had a field trip for our members on Nov. 8<sup>th</sup> (a trip previously postponed due to inclement weather) and which was guided by our resident Forest Service Archaeologist Esther Morgan. Several area sites were visited, and Esther plans to have more field trips during coming months as the weather improves.

--Earl Cochran



### Phoenix Chapter

**Last Meeting before the Lockdown:** At our March 10<sup>th</sup> meeting Allen Dart gave a very well-organized and interesting talk on **The Antiquity of Irrigation in the Southwest**, tracing the development of irrigation systems in Arizona to at least 3,500 years ago. He gave us an overview of ancient irrigation systems in the southern Southwest and discussed irrigation's implications for social complexity. The presentation was made possible by the AZ Speaks program, the longest-running and most popular program of the Arizona Humanities, a statewide 501(c)3 non-profit organization and the Arizona affiliate of the National Endowment for the Humanities.

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## ....More CHAPTER NEWS....

We were also holding a book sale and a raffle. Both were to continue at the next meeting. We had several tables of books for sale and stored the remainder at PGM to sell at our next meeting. We were also selling raffle tickets for an Acoma pot. These activities will be continued whenever we have another in-person meeting. We had to cancel our April and May meetings and hope to reschedule the speakers as soon as possible either for a Zoom Meeting or when in-person meetings are allowed to resume, perhaps in September.

**December Meeting:** In the meantime we will be holding Zoom meetings beginning with our Dec. 8<sup>th</sup> meeting which will feature a talk on *The Davis Ranch Site: A Kayenta Immigrant Enclave in Southeastern Arizona* by Patrick Lyons, Ph.D., Director, Arizona State Museum. Dr. Lyons will discuss the recently published book that reports the results of Rex Gerald's 1957 excavations, sponsored by the Amerind Foundation, at the Davis Ranch Site in southeastern Arizona's San Pedro River Valley. He will summarize Gerald's findings as well as the results of recent studies, placing Gerald's work in the context of what is now known regarding the late thirteenth-century Kayenta diaspora and also the relationship between Kayenta immigrants and the Salado phenomenon.

Data presented by Gerald and others identify the site as having been inhabited by people from the Kayenta area of northeastern Arizona and southeastern Utah. The results of Gerald's excavations, coupled with information from Archaeology Southwest's San Pedro Preservation Project (1990-2001), indicate that the people of the Davis Ranch Site were part of a network of dispersed immigrant enclaves responsible for the origin and the spread of Roosevelt Red Ware pottery, the key material marker of the Salado phenomenon. Evidence from the Davis Ranch Site also lends support to Patricia Crown's Roosevelt Red Ware stylistic seriation and more recently proposed changes to Roosevelt Red Ware typology and chronology.

Dr. Lyons is the director of the Arizona State and an Assistant Professor of Anthropology at the University of Arizona. After receiving his B.A. and M.A. degrees in Anthropology from the University of Illinois-Chicago, he earned his Ph.D. in Anthropology at the University of Arizona. His dissertation research, conducted while a staff member of the Arizona State Museum's Homol'ovi Research Program, focused on the origins of the people of the Homol'ovi site cluster and the relationship between Kayenta immigrants and the development and spread of the Salado phenomenon. Before joining the faculty of the University of Arizona, he spent six years as a Preservation Archaeologist at Archaeology Southwest. His research interests include the late prehispanic and protohistoric archaeology of the American Southwest and northwestern Mexico; Hopi ethnography, history, and ethnohistory; ceramic decorative and technological style; ceramic compositional analysis; migration, diaspora, and identity; and the use of tribal oral tradition in archaeological research.

**Field Trips:** Our field trip coordinator is working on finding field trips that can be attended safely given Covid-19 safety protocols. Details will be forthcoming.

--Ellie Large



## Rim Country Chapter and San Tan Chapters

The Rim Country Chapter (RCC) has partnered with the San Tan Chapter (STC) to provide members with activities during this difficult time. The STC has specifically invited RCC Members to attend Zoom presentations with a variety of interesting and informative speakers. The RCC has been organizing day field trips specifically inviting the STC to participate. Due to conditions and host site requirements, the number of participants is limited and sometimes broken into two groups. Intrepid excavators continue to work at Goat Camp. Announcements of field trip sign-ups and of Zoom meeting sign-ins are sent out by both chapter presidents to members.

### Recent October-November Zoom Presentations:

Chris Loendorf gave a talk on *Arrow Point Reworking: An Experimental Study of Projectile Point Use Life*. Test materials included siltstone, basalt, chert, and obsidian, in order of most robust to most fragile material. Materials were directly tested for fragility and then new made points were tested on four kinds of targets of different elasticity using a bow shooting device. The experimental results were consistent with archaeological evidence but not necessarily archaeological theory. Smaller points were not likely made by reworking damaged larger points. The factor most correlated with point size is age, with older points being larger and more recent points being smaller. Larger points were almost never made of obsidian, which is very fragile. The experiment showed that used damaged points were rarely suitable for reworking.

Dr. Ramona C. Klein, an enrolled member of the Turtle Mountain Band of Chippewa in North Dakota, spoke about experiences in Indian Boarding Schools in past decades. Her talk, titled *Hear my Voice*, began with a tabulation of statistics of people, names, places, years, actions, and events involving Indian Boarding Schools. Then she described her own personal experience as a student in one of these schools.

### Recent October-November Field Trips:

**Montezuma Castle National Monument:** NPS Archaeologist Matt Guebard gave a presentation based on a reevaluation of the Depression Era excavation records and led a tour of the Monument. The original excavation notes describe the Castle A ruin below the cliff dwelling as having been destroyed by a devastating fire. Human remains showed violent traumatic injuries inflicted at the time of death and the fire. This was not in the original report, as it did not fit with archaeological theories of the time. The NPS consulted tribal partners for oral histories possibly connected to the destruction of Castle A. Hopi Pueblo sources indicated an attack and siege while survivors watched from above. Hunter-gatherer Yavapai sources described a large raid followed by destruction by fire.

**Tuzigoot National Monument.** NPS Archaeologist Matt Guebard led a tour of the monument and museum. He used data from the 1933-34 Civil Works Administration excavation of the site to interpret the site's archaeology, its prehistoric inhabitants, and the Depression Era excavation. Almost everything we know about the builders and inhabitants of the site come from the excavation notes.

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### ....More CHAPTER NEWS....

He also covered the post-excavation of Tuzigoot based on NPS records. He wove the local environment into his discussions about both prehistoric and historic aspects of the site. The presentation was wide-ranging and extremely interesting. The trip also included a visit to the Verde Valley Archaeology Center Museum in Camp Verde.

Upcoming Zoom Meetings in coordination with San Tan Chapter, second Wednesday each month at 7 pm:

- Dec. 9: **Dr. Barbara Stark**, Professor Emerita ASU, will present *King Cotton: It's History in Ancient Mesoamerica*. Dr. Stark specializes in the origins and developmental trajectories of complex societies in Mesoamerica. Prehistoric economy and sociopolitical organization in tropical lowland areas have been the focus of her field projects on the Pacific coastal plain of Guatemala and the Gulf lowlands of Mexico. The Gulf lowlands have been the focus of a long-term survey and settlement pattern investigation which has included multiple students and archaeological professionals. Her publications have dealt with coastal adaptations, settlement patterns, tropical urbanism, ceramics, crafts and long-term economic and political change. She has served as a member of the executive boards of the American Anthropological Association and the Society for American Archaeology and as editor for archaeology for the American Anthropologist. She currently serves as an advisor for Arqueología and Arqueología Mexicana. She has been a guest instructor at the Escuela Nacional de Antropología and at the Instituto de Investigaciones Antropológicas at the Universidad Nacional Autónoma de México. The Zoom meeting link will be sent out before the meeting.
- Jan. 13: **Dr Annalisa Alvrus** will present *Vampires, Witches, and Zombies, Oh My!* The talk will look at the human experience of death and the immediate period after death, to analyze how humans have used belief systems, including religion, to explain phenomena common to all of us.

Upcoming Field Trips: Except for the Montezuma Castle field trip, signups have not yet begun.

- Dec.14: Montezuma Castle Encore Field Trip. The October field trip to this monument attracted more participants than could be accommodated. Our speaker and guide, NPS Archaeologist Matt Guebard, has agreed to conduct a second presentation and tour.
- Dec.19: Dixie Mine Historic Site and nearby prehistoric petroglyphs and historic graffiti. This will be an approximate 5.5 mile hike from Fountain Hills on a non-maintained trail into Maricopa County McDowell Mountain Park to view the mine and nearby petroglyphs and cupules. Some historic ranch ruined structures sit at points along the trail.
- Jan.16: Hieroglyphic Canyon. This is a hike on a rocky trail, about 3 miles round trip, 650 feet elevation gain, to a petroglyph site near Apache Junction. Since this popular trail with hundreds of petroglyphs is heavily trafficked, this Field Trip will be an early morning "sunrise" event.
- Jan. 23: Tonto National Monument Upper and Lower Ruins near Roosevelt Lake. This field trip will divide into two groups based on size limitations and difficulty of trail climb. The Lower Cliff Dwelling is accessible on a paved trail about a mile round trip, 1.5 hours, 260 foot elevation gain. The Upper Cliff Dwelling is accessible along a longer, somewhat rough trail, 600 foot elevation gain, 3-4 hours. An NPS representative will guide and narrate the Upper Ruin hike.

Election: The Rim Country Chapter's board election was held in November by email and a full slate of officers and board Directors was approved for 2021.

Membership Reminder: Please renew your membership for 2021. An active AAS membership is not required to attend meetings, but it is for all field trips. Chapter Membership ensures that you will receive emails alerting you to meetings, field trips, and other events. Contact RCC treasurer Dennis DuBose, email [dadubose@gmail.com](mailto:dadubose@gmail.com).

--- Dennis DuBose



## Verde Valley Chapter

Our December Chapter Meeting will be held at the Sedona Public Library on Thursday, Dec. 17, at 3:30 pm. We have a limit of 20 people for the meeting, so to attend you MUST RSVP Linda Krumrie at [aplaceinthesun@commspeed.net](mailto:aplaceinthesun@commspeed.net). This is usually our holiday party, but due to the pandemic, we will not be able to have food of any kind. We still have seating available for this meeting, so please don't miss out on the last meeting of the year!

At this meeting we will show an awesome documentary about a race of giants that have been discovered, excavated and documented in the archaeological record from dozens of sites throughout North America. If you are not aware of this mostly hidden and unspoken aspect of our past, this is a not-to-miss opportunity to learn of ancient civilizations that predate what we know as Native Americans.

This meeting will include the election for the VVC Board for 2021.

- Tom Cloonan has resigned as Treasurer effective Nov. 19. A new member has agreed to fill that position.
- Terri Petrescu will be leaving the position of Secretary at the end of the year.  
Thanks to both Tom & Terri for their help and dedication to the Chapter.
- Peggy Barksdale has agreed to fill the position of Secretary.
- Jerry Ehrhardt has agreed to come on board again as the 3-year Director.  
Thanks to all of you!

As the board has not been made aware of anyone else willing to accept a position for next year, the slate of nominees is as follows:

President & Vice-President: Linda Krumrie	1-year Director: Jon Petrescu
Treasurer: Beverly Haas	2-year Director: Peggy Barksdale
Secretary: Peggy Barksdale	3-year Director: Jerry Ehrhardt

Some leftover items will be on sale at the greatly reduced price of 75% off, plus a couple of free items. I also have some books for sale for \$2 each. Please bring some cash. We will also have a 50/50 drawing.

(Continued on page 8)

## ....More CHAPTER NEWS....

The November meeting was a big success with full capacity in attendance. Everyone enjoyed the film on Chaco and beyond. Thanks to all who attended.

**December Day Trip:** There will be a daytrip led by Scott Newth to the Loy Canyon petroglyph site on Saturday, Dec. 5. There is a 10-person limit for this tour and if you are a new member, this site will definitely turn you on to the world of rock art. Sign up no later than Dec. 3. If more than 10 people sign up for this daytrip, a waiting list will be created that can be used for a different date if needed. Specific details will be given prior to the departure date for those who sign up. Masks will be required for all participants, as well as social distancing. We will be using a voice amplifier on this tour to make it easier for folks to hear what the tour leader is saying. Please RSVP to Linda at [aplaceinthesun@commspeed.net](mailto:aplaceinthesun@commspeed.net) to be included. **We have 4 spaces available for this tour.**

**Memberships for 2021:** As December is our last meeting for the year, if you have not renewed your membership for 2021, please do so at this meeting. For those unable to attend, please send your renewal to Linda at P.O. Box 25, Sedona, AZ 86339, and make your check out to VVCAAS. The Chapter needs your support and we all need the support of each other.

Click on the link below to download a PDF file of volunteer opportunities to help with important archaeological documentation and research in the Red Rock District. You will get to choose where the file is downloaded to.

[Please checkout this opportunity to help with important archaeological work](#)

Click the link below to download a PDF for a tour the **Old Pueblo Archaeology Center** in Tucson is offering on Dec. 21<sup>st</sup>. You will get to choose where the file is downloaded to.

[Old Pueblo Archaeology Center December Tour](#)

--Linda Krumrie



## Yavapai Chapter

**Chapter Activities Still Suspended:** The chapter's board of directors has extended the suspension of all activities for the remainder of 2020. We hope to resume in-person events again in 2021; timing will depend on progress against the pandemic in the months ahead.

### YCAAS Members Help Prescott National Forest (PNF) Survey Sycamore Canyon.

John Rose, Forest Archaeologist for the Prescott National Forest, asked Chapter President Andy Christenson to see if any chapter members might be able to help with a field survey for archaeological features in the Sycamore Canyon Wilderness area. In talking with John, it became apparent that the hiking involved would be quite strenuous, so Andy contacted two of our resident mountain goats, Ian Critchley and Jim Red for the adventure.

Both Ian and Jim volunteered for the survey sessions, conducted Oct. 26–29 and Nov. 10–12. The area surveyed is remote and involved a long drive on rough tracks, so a base camp was established close to the survey sites. Because of COVID-19 concerns, all the team drove separate vehicles and camped well apart. The survey was co-led by John and Archaeologist Michael Kellett. Michael has detailed knowledge of the area and had previously located cliff dwellings, rock shelters, and various other sites. Michael has focused on obsidian lithics during his recent master's degree research and, using a portable x-ray fluorescence scanner, was able to identify the sources of the obsidian on the spot. Prescott Forest Service personnel who joined the team for all or part of the time were Dale Deiter, Forest Supervisor, Ashley Stabenow, Archaeologist, and Danielle Carman, Tribal Liaison. Each day started with a welcome and beautiful sunrise followed by breakfast then a safety briefing with an emphasis on staying in touch as the team proceeded through the survey areas, being mindful of footing on the steep terrain, and staying hydrated. Despite daily battles with catclaw acacia, prickly pear, yucca, bear grass, scrub oak and steep terrain (but only one snake), we all arrived back at camp each day unscathed. Happily the first aid kit remained unused!

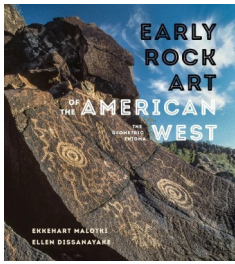
The total area surveyed was approximately 200 acres. This was performed by walking a series of adjacent linear tracks. On average one new site per track was discovered which is unusually dense. In addition, we surveyed and recorded known but previously unrecorded sites. At each site we recorded lithics, pottery, tools, features and mapped the site.

Thanks to the patience and expertise of John and Michael, our volunteer's usefulness in identifying artefacts increased steadily throughout the seven days. Thanks are also due to the Forest Service for inviting us to participate actively in this survey. It was a great opportunity to increase the contribution our chapter makes to local archaeology and also provided Ian and Jim with a very positive hands-on experience at a personal level. Michael's portable "campfire" was much appreciated in the cold evening hours turning into good conversation and fun.

--Ian Critchley







## 20 Rock Art Do's and Don'ts

Distilled by Ekkehart Malotki and Ellen Dissanayake  
from chapters in their 2018 work:

### *Early Rock Art of the American West: The Geometric Enigma*

1. Ancestral rock markings (petroglyphs and pictographs) are best not characterized as “art,” a parochial and confusing term introduced in 18th-century Europe.
2. When dealing with ancient rock markings, replace the Western term “art” with “artification” (a new concept that signifies the activity of making, rather than the finished or made object), which describes the innate biological predisposition of humans to make ordinary things extra-ordinary.
3. Avoid applying criteria like beauty and pleasure, originality and creativity, harmony, decoration, and imagination to petroglyphs and pictographs; these terms are best reserved for the modern Western concept of art with its irrelevant corollary of *beaux arts* or *fine arts*.
4. Do not view ancestral rock markings as art for art’s sake; rather they reflect a kind of behavior that helped people survive: they were art for *life’s* sake.
5. Don’t automatically assume that every (or any) mark by a prehistoric human on a rock surface is a symbol; the ability to make and use marks symbolically is a subset of the universal predisposition to artify.
6. Refrain from making unverifiable interpretive claims; we are not privy to the minds of paleoartists; rock art is fossil art.
7. Do not presume that the modern identifying *label* of a rock art motif (e.g., “bighorn sheep”) automatically specifies its *meaning*; without direct interpretation from the mark-maker or reliable ethnographic information, the cultural significance of an iconographic depiction is not recoverable.
8. Keep in mind that the minds of paleoartists were not, like ours, conditioned by reading, writing, and abstract analysis, so that modern interpretations of certain rock art motifs (e.g., as maps, directional markers, calendrical notations, and recordings of astronomical events) are likely to reflect the “rewiring” of our analytically oriented “left brain” and the relative neglect of the “right.”
9. Enigmatic graven or painted paleomarks should never be treated like inkblots in a Rorschach test; pareidolia, eye-balling, and mindsight are neither testable nor falsifiable.
10. Do not apply dismissive words like “doodles” or “graffiti” to indeterminate lines and nondescript markings on rock surfaces; the majority of surviving paleoart is non-figurative.
11. Focusing solely on representational rock art motifs is unwarranted; world-wide, simple non-iconic graphic primitives precede figurative markings.
12. The proposition that the abstract-geometric markings of preliterate humans represent some kind of proto-writing is unjustified; literacy is a recent cultural acquisition; early geometrics are by their very nature dead-end signs that cannot be decoded.
13. Human-made cupules are an integral part of the inventory of surviving paleoart; omnipresent throughout time and space, they are a unique and archetypal example of artification.
14. To assume that shamanism (or any other monocausal explanation) is the sole motivation for the origin of rock art is misguided and reductive.
15. Never call the flute-playing anthropomorphic rock art motif “Kokopelli”; that name has been mistakenly derived (and anglicized) from the Hopi kachina, Kookopölö, who carries no flute.
16. Respect all forms of ancestral rock markings; they constitute humanity’s artistic, intellectual, and cultural heritage and, like all the arts, are an evolved and indelible part of human nature.
17. Vandalizing or causing physical harm of any kind to rock art panels is inexcusable; unprotected in mostly open-air sites they deserve our committed protection and conservation.
18. Do not disseminate GPS coordinates of rock art sites that are not in the public domain.
19. Resist putting credence in the myths, fantastical claims, and fringe theories that surround rock art iconographies; they are not comparable to sign language, do not portray dinosaurs, and were not the work of intergalactic visitors.
20. Don’t adhere to the fallacious claim of a “Big Bang” (or “Creative Explosion”) origin for rock markings in the European Early Upper Paleolithic; an engraved zigzag on a fossilized shell at a *Homo erectus* site from Trinil, Indonesia indicates that at present the oldest example of mark-making dates to nearly a half million years ago, or even earlier if human skin is regarded as the “first canvas,” no trace of which has survived.

## MUSEUMS, PARKS, & TALKS

Arizona State Parks: Go to <https://azstateparks.com/coronavirus> for a listing of all the state parks and information on park closures and covid-19 requirements.

Maricopa County Parks: Go to <https://www.maricopacountyparks.net/events> for a listing of events at all of the parks.

National Monuments in Arizona: search on *national monuments in Arizona*, then select View All, or go to <https://www.americansouthwest.net/arizona/national-parks.html> for info on monuments and parks in the Southwest.

Arizona Archaeological & Historical Society, Tucson, [az-arch-and-hist.org](http://az-arch-and-hist.org)

Lecture Series brought to you by AAHS@Home through Zoom until we can meet again in person:

Jan. 11: *Virtual Research Slam and Winter Party*

Jan. 18: *The Beginnings of Plains-Pueblo Interaction: The View from Southwestern New Mexico* by John D. Speth

Feb. 15: *Chicken Bones on Pueblo Grande* by Steve James

Mar. 15: *Early Agriculture and Collective Action in the Southern Southwest* by John Roney and Robert J. Hard

Apr. 19: *Sharing an Ear of Corn: An Archaeologist's Perspective on the Role of Food in Community Collaborations* by Lisa Young

Archaeological Institute of America

Central Arizona (Phoenix) Society, <http://aiacentralarizonasociety.wordpress.com/>

Society Contact: Nancy Serwint, [nancy.serwint@asu.edu](mailto:nancy.serwint@asu.edu)

Virtual Meetings:

Feb. 25, 6:00 pm: *Digger, Teacher, Soldier, Spy: Near Eastern Archaeologists in WWI*

March 31, 6:00 pm: *The Archaic Smile: It's No Laughing Matter*

Southern Arizona Chapter (Tucson), <http://aiatucson.arizona.edu>

Society Contact: Eleni Hasaki, [hasakie@email.arizona.edu](mailto:hasakie@email.arizona.edu)

Virtual Meetings:

Feb. 16: *Fête champêtre: ritual consumption in the Greek countryside*

Apr. 15: *Shipwrecks and the Transport of Luxury in the Roman Mediterranean*

Amerind Museum and Art Gallery, 2100 N. Amerind Road, Dragoon, <https://www.amerind.org/>

Museum | Art Gallery | Research Center

Hours: Tuesday - Sunday 10 am - 4 pm; Art Gallery closed daily from 12 - 1 pm

Closed Mondays and major holidays

Admission: Adults \$10.00

Seniors (62+) \$9

College Students (w/ID) \$9

Youth (10-17) \$8

Children (under 10) Free

Group Rate \$8 by reservation for 10 or more call 520-586-3666

Free: Blue Star Museum Program

Native Americans with Tribal Enrollment

Cochise County Residents with ID First Sunday of each month

Pueblo Grande Museum, 4619 E. Washington St., Phoenix, 602-495-0901; [pueblogrande.com](http://pueblogrande.com)

Pueblo Grande Museum welcomes you back to visit our outdoor interpretative trail. While the museum galleries and buildings including restrooms remain closed, we encourage you to enjoy a stroll through the ancient village site of Pueblo Grande. Admission to the trail will be free of charge during this time. Don't forget to bring water and a hat!

Museum galleries, lobby and restrooms remain temporarily closed

Hours: The outdoor trail is open from 9am - 4:45pm, Monday – Saturday

Admission: Free, self-guided only

Parking: Free

Other: No bicycles allowed on the trail; Picnic areas and shaded ramadas open;

ADA Accessible; Accessible by Light Rail & Sky Train

Verde Valley Archaeology Center, Camp Verde

Open by Reservation Only; Onsite Tickets May Be Available

Reservations available for entry at 10 am, Noon and 2 pm, Tuesday through Sunday; Closed Mondays and Major Holidays:

NO cash for onsite tickets; Tickets are required even for FREE admissions.

Members can receive their FREE tickets by logging in to their account.

All visitors are provided with a free self-guided tour booklet that describes each exhibit.

A tour of the museum generally takes about one hour.

There may be delays in entering the museum until the facility is cleaned after the previous guests have left.

There is a waiting area in the museum if you arrive during the cleaning.

See our COVID-19 safeguards for your visit

\$5 - Adults: 18-64

Free: VVAC Members

Students with valid school ID

NARM Members

Under 18 or over 64

Blue Star Museum Program

Native Americans with Tribal Enrollment

## Archaeology Southwest's Archaeology Cafes are Online

Preregistration is required before each event, but is free. The presentations begin at 6:00 pm MST via **Zoom Webinar**. (To learn how to install Zoom go to <https://support.zoom.us/hc/en-us/categories/200101697>.) Presenters will speak for 30 minutes, and then turn to questions for another 30 minutes. During the presentation, you can use the question-and-answer tool within Zoom Webinar to ask questions as they come to mind. They will be monitoring the question-and-answer feed during the program, and will tag questions for the presenter to address in the Q & A portion.

### Upcoming Archaeology Cafés:

- January 5, 2021: Protected Places: Archaeology Southwest's Conservation Properties and their Emerging Roles in Preservation Archaeology with *John R. Welch*
- February 2, 2021: Preservation Archaeology's Role in Responding to Archaeological Resource Crimes with *Stacy Ryan and Guest (to be determined)*
- March 2, 2021: Should We Stay or Should We Go? Farming and Climate Change, 1000–1450 CE with *Karen Schollmeyer and Scott Ingram*
- April 6, 2021: Just What is cyberSW? The Potential of Massive Databases for Future Preservation Archaeology Research with *Joshua Watts*
- May 4, 2021: Was Sells Red Pottery a Marker of Tohono O'odham Identity in Late Precontact Times? Archaeological and Ethnographic Perspectives with *Bill Doelle and Samuel Fayuant*

For more information go to <https://www.archaeologysouthwest.org/things-to-do/cafe/>

## CHAPTER MEETING SCHEDULE

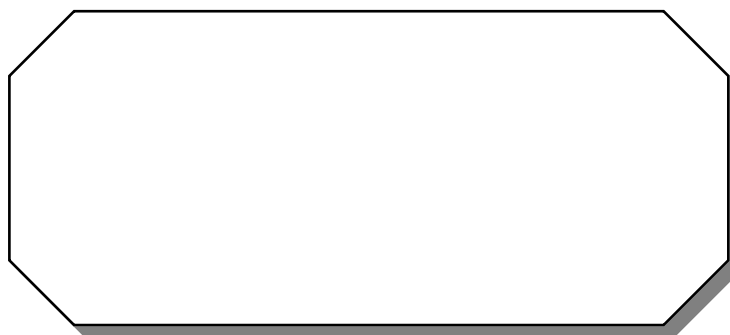
<u>Chapter</u>	<u>Location</u>	<u>Date &amp; Time</u>	<u>Membership</u>
Agave House	Black Mesa Ranger Station Conf. Rm. 2748 Hwy. 260, Overgaard	4 <sup>th</sup> Wed., 6:30 pm	Era Harris 928-713-1282
Desert Foothills	The Good Shepherd of the Hills Community Building, 6502 E Cave Creek Rd., Cave Creek	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 Sept. thru Dec., March thru June	Karen Berggren 928-607-1836
Little Colorado River	Casa Museum, 418 East Main Springerville	3 <sup>rd</sup> Mon., 7 pm	Tony Contreras 970-210-3238
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	Bob Malone 202-882-6918
Phoenix	Pueblo Grande Museum 4619 E. Washington, Phoenix	2 <sup>nd</sup> Tues., 7 pm Sept. thru May	Vicki Caltabiano 480-730-3289
Rim Country	Payson Library 328 N Mc Lane Rd, Payson	3 <sup>rd</sup> Sat., 10 am	Dennis Dubose 541-921-7760
San Tan	San Tan Historical Society Museum 20425 S Old Ellsworth Rd. Queen Creek, Az 85142	2 <sup>nd</sup> Wed., 7 pm Sept. thru May	Marie Britton 480-390-3491
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.	Tom Cloonan 206-849-8476
Yavapai	The Museum of Indigenous People 147 North Arizona St., Prescott	3 <sup>rd</sup> Wed., 6:30 pm Sept. thru Nov., Jan. thru June.	Scott Sutton 503-320-7396



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Phoenix, Arizona 85068



Dated material:  
Please deliver promptly.  
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

### PUBLICATIONS

*Ellie Large, Petroglyph Editor*  
*Nancy Unferth, Chapter News editor*  
thepetroglyph2@cox.net

*Burkett*  
*Arizona Archaeologist Series Editor*  
azarched@azarchsoc.org

Webmaster - Position Vacant

Bill

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