
THE PETROGLYPH

Newsletter of the Arizona Archaeological Society

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Homolovi Happenings

By now, you are probably aware of the reopening of Homolovi Ruins State Park under an agreement between the Hopi Tribe, who contributed funding to the park, and the Arizona State Parks department. More details have become available. The park will actually reopen on March 1. Grand Re-opening activities are scheduled for the 18th and 19th of March. Arizona State Museum Archaeologists Charles Adams, PhD., and Richard Lange, both with extensive knowledge of Homolovi, will be leading tours on the 19th. The AAS Stabilization Crew that worked at the park last fall has been invited to assist in the festivities, and all AAS members are invited to come out to help celebrate the re-opening. You can find more information on the Arizona State Parks website, including a schedule of events. Hope to see you there.

The AAS is also planning to do further stabilization work at Homolovi II on two weekends in May, the 7th & 8th, and the 14th & 15th. Help will be needed; if you have previous experience with stabilization or are interested in acquiring skills in this discipline, contact me. The crews from last year will attest to the fact that this is interesting and fun work, and our efforts have definitely assisted the park in preserving the sites and the visitor experience at Homolovi.

Ron Robinson, chair, AAS

AAS Professional Archaeologist Award

The nomination period for the 2011 recipient of the AAS Professional Archaeologist Award is Feb. 1 to April 25, 2011. Chapters received notification on Jan 28, 2011 and notification was sent to the website. The Professional Archaeologist Award was developed as a way for the AAS to recognize the professional archaeological community for the aid and assistance that they have given to the Society over the years. Chapters are asked to submit nominations by using criteria that was developed to show how and what the archaeologist has provided to the Society.

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Next deadline is noon on
Friday, March 18th,
for the April issue.

The Silver Buckle that is awarded to the recipient appears below. This award has been presented since 2006. Past winners have been: Dr. Alfred Dittert (Honorary), Peter J. Pilles (2006), Dr. Alexander Lindsay (2007), Dr. David Wilcox (2008), Dr. John Hohmann (2009), Dr. David Doyle (2010). The committee is looking forward to receiving, reading and evaluating nominations for the 2011 recipient. Committee members are Sylvia Lesko, Marie Britton, Bud Henderson, Mel Marshall, and Glenda Simmons

Sylvia Lesko, AASPA Committee Chair



Q RANCH 2011 COURSE & WORKSHOP

RECORDERS COURSE:



The Phoenix Chapter of the AAS is offering the Recorders Course for certification this year. Recording consists of preparing documentary records of field data while on a survey crew or excavation team. The various recording forms and techniques will be examined during this course. This course has not been offered for quite some time. It is an exciting course as it is a fairly all-inclusive introduction to the different recording skills and techniques that archaeologists must use every day. The course requires 20 hours of laboratory training and 40 hours of on-site field work.

There are no prerequisites for this course however, AAS membership is required. A minimum of 10 people must sign up for this course.

The fee for the Recorder Course is \$95/per person. Please send your registration form and payment for the Recorders course to Marie Britton, 2054 E. Evergreen, Mesa, AZ 85213 or email mbrit@cox.net.

The Recorder Course is being held on a series of weekends to accommodate students and work obligations. The course weekends are: April 30-May 1, May 14- 15, June 4-5, June 18-19, and June 25-26. Students should plan on arriving Friday evening as the course will start Saturday morning.

CERAMIC RECONSTRUCTION AND REPAIR WORKSHOP:



In addition to the Recorders Course, the Phoenix Chapter of the AAS is offering a five day workshop on ceramic reconstruction and repair. Ceramic reconstruction and repair are the techniques used by archaeologists and museum personnel to repair, restore, and preserve prehistoric ceramic artifacts. This workshop will provide the AAS member the opportunity to learn the basic skills of artifact repair and restoration plus learn the types of data that can be gained from such work and how to document the reconstruction process.

The fee for this all inclusive workshop is \$650/person for the week. This includes a shared room (or \$690 if a single room is requested and available) at the ranch house, all meals, and the course fees. No certification is offered for this workshop. The workshop is restricted to 12 students. Please send registration and fee for the Ceramic Reconstruction and Repair Workshop to Jonathan Rogers, 250 E. Pasadena Ave Phoenix, AZ 85012 or email qranchlodge@earthlink.net

Each student will learn about the ceramics of the area and will have the opportunity to repair or reconstruct a ceramic artifact. This workshop is being offered June 20-24 (conveniently offered between two of the Recorder Course weekends so students can opt to stay up at the ranch during the week).

LOCATION and BRIEF HISTORY:

Q Ranch is a secluded historic ranch nestled under the Mogollon Rim near Young, Arizona among tall pine trees and open meadows. The ranch is only accessible by dirt roads. The ranch dates from 1894 and played a significant role in the Pleasant Valley wars. Many of the historic buildings are still in use today and a large prehistoric pueblo is located near the ranch house. Once one of the largest ranches in Arizona, consisting of 360 square miles, the ranch currently consists of 600 acres adjacent to Tonto National Forest land. The ranch is located at an elevation of 5600 feet and provides a nice escape from both the big city hustle and bustle and the Arizona heat.

ACCOMMODATIONS:

Jonathan Rogers' Q Ranch Lodge is a two story ranch house with six upstairs bedrooms and three shared bathrooms. The rooms are furnished with many antiques adding to the warmth and charm of the ranch. Jonathan delights his guests with gourmet cuisine and good conversation. He offers twelve guests the opportunity to rent rooms at the ranch. The cost of the cozy room including the gourmet meals is \$120/day for double occupancy and \$160/day for single occupancy. For room reservations please contact Jonathan Rogers, Q Ranch Lodge, Young, AZ qranchlodge@earthlink.net or call (928) 970-0596.

The ranch offers camping in the pines for recorder course participants as well. The campground has an outhouse and a rustic shower. Camping fees are \$35/weekend which includes a group dinner on Saturday night.

Rock Art Recording Workshop

Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix

Spend a day learning basic rock art recording methods through hand-on activities and professional instruction by AAS certified instructors. Registration for DVRAC and AAS members is \$25; \$30 for non-members. Workshop is limited to 20 participants; the deadline to register is Wed., March 2. For information and registration, contact Casandra Hernandez at 623-582-8007 or visit <http://dvrac.asu.edu/events/calendar>.

Q RANCH 2011 COURSE & WORKSHOP REGISTRATION FORM

Please enroll me for the following Q Ranch Field School Session:

_____ **Recorder Course:** April 30-May 1, May 14-15, June 4-5, 18-19, and 25-26

Course Fee is \$95.00 per person

_____ I would like to stay at the Ranch House, with all meals included: \$120/night double; \$160/night single
(A minimum of 5 guests are required for the ranch house to be available).

_____ I would like to camp at the campground for \$35/weekend which includes Saturday group dinner

_____ **Ceramic Reconstruction Workshop:** June 20-24

Workshop Fee is all inclusive at \$650.00 per person for the week for a shared room,
\$690.00 for single occupancy. Reservations at the Q Ranch Lodge are required.

AAS Membership is required for all Field School participants.

_____ I am currently a member of the _____ Chapter

_____ Please enroll me as a Member of the AAS _____ Chapter

(Membership fee due with application: \$40 Family, \$35 Individual, \$33 Student

_____ I am currently enrolled in the AAS Certification Program

_____ Please enroll me in the AAS Certification Program (optional)

Include a \$10 one-time fee. This covers all AAS courses.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email _____

\$ _____ Fees

\$ _____ AAS Membership Dues (if not a current member)

\$ _____ Certification Enrollment (optional)

\$ _____ Total Enclosed

Please make **Recorder Course** checks payable to the **Arizona Archaeological Society**. Mail to:
Marie Britton, 2054 E. Evergreen, Mesa, AZ 85213

Please make **Ceramic Reconstruction and Repair Workshop** checks payable to **Q Ranch Lodge**. Mail to:
Jonathan Rogers, 250 E. Pasadena Ave., Phoenix, AZ 85012

2011 Arizona Archaeology Expo March 26-27, 2011, 10 am – 4 pm Deer Valley Rock Art Center, Phoenix

The Expo provides a special opportunity for visitors to learn more about why it is important to preserve archaeological sites and historic places, what archaeologists, historians, and tribal members do in their jobs, and about the prehistory and history of Arizona. Both days at the Expo will feature archaeology- and/or history-related, hands-on activities, craft demonstrations, and other fun and educational events. In addition, Boy Scout and Girl Scout merit badge requirements can be fulfilled at the Expo.

Special displays and booths by archaeological and historical organizations, museums, Native American tribes, state and federal agencies, and others will allow you to participate as an archaeologist might in their research today, or make crafts and tools that teach how prehistoric Native Americans and other early inhabitants survived in the Southwest. Living history re-enactors, story-tellers, Native American demonstrators and entertainers, and interactive activities will help make the past come alive! In addition, information on archaeological sites, museums and historical period parks in and around the local area will be highlighted. Free prize raffles will occur throughout both days, and ethnic foods will be available for purchase. The Expo will give visitors new insights into Arizona's many prehistoric, historic, and contemporary cultures, and will help instill a sense of stewardship for our state's fragile and nonrenewable heritage resources.

Download the brochure listing statewide events from http://azstateparks.com/find/images/arch_2011/AHAM_calendar_2011.pdf.

2011 Cultural Resource Workshop Series

Sponsored by: Coconino National Forest
Arizona Natural History Assn - Elden Pueblo
Arizona Archaeology Society (AAS)

The Cultural Resource Workshop series is designed to introduce the public and interested AAS members to field opportunities on public lands. It encourages stewardship goals and engages the public in being involved in the care of cultural resources on public lands while having FUN outdoors. Workshops are conducted at Elden Pueblo, or it serves as the meeting site for field activities. Elden Pueblo is located on the west side of Highway 89, just south of Townsend-Winona Rd, about 1-1/2 miles north of the Flagstaff Mall, at the base of Mt. Elden in Flagstaff, AZ. Workshops are from 9 am to 3 pm, unless otherwise noted. Registration is required. Contact Lisa Deem at Elden Pueblo/Coconino National Forest (928) 527-3452 for registration and information. **Fee is \$10 for AAS members and \$20 for non-members.**

Workshop No. 1: Primitive Technology Workshop,

Sat, May 21, 2011

Try your hand at flint knapping projectile points for an atlatl spear, carving atlatls or decorating rabbit sticks, in this one-day, hands-on workshop.

Workshop No. 2: Archaeoastronomy Workshop, Instructor: Bryan Bates

Sat, June 4, 2011

Learn about the prehistoric, cultural applications of astronomy. Early inhabitants of the Flagstaff area observed seasonal and biotic changes which were then metered to changes in the sky, thereby becoming a calendar. Beginning early afternoon at Wupatki National Monument, visit potential calendar sites, conduct actual field measurements and decipher the measurements to determine potential cultural significance. Conversations throughout the day will also highlight other cultural astronomy research of the region. Join internationally recognized researcher and author, Bryan Bates, for a day of discovery about ancestral astronomy. Join us for a potluck dinner and night-sky viewing including constellations identified by regional tribes.

Reconnaissance of Archaeological Sites Series

Thousands of archaeological sites have been previously recorded by the Coconino National Forest. The majority of these sites were recorded prior to GPS technology. Before GPS, these site locations were hand plotted on maps with varying degrees of accuracy. Many land management agencies, including the Coconino National Forest, need help in identifying the location of pre-GPS sites. This task often requires quite a bit of sleuthing. Workshop attendees will work with site records, maps, and GPS to strategically search for site locations, verify site locations, and provide updated site datum and boundary information using a GPS. Forest archaeologists will lead the workshop and assist attendees in using GPS. Attendees will need to be able to walk over uneven terrain for up to 2 miles. Attendees will need to bring sunscreen, lunch, water, and be prepared for warm temperatures. GPS units will be available for use, but attendees are encouraged to bring their own. The workshop is limited to 8 people.

Workshop No. 3: Instructor: Jeremy Haines

Fri, July 8, 2011

Workshop No. 4: Instructor: Don Keller

Sat, July 16, 2011

Workshop No. 5: Instructor: Don Keller

Sat Aug 27, 2011

Workshop No. 6: Instructor: Jeremy Haines

Fri, Sept 9, 2011

Workshop No. 7: Stabilization Techniques

Sun, Sept 18, 2011

Instructors: Walter Gosart and Tom Woodall

Learn how maintenance is performed on public lands ruins sites. Background, methods and some hands-on work will be performed at Elden Pueblo Heritage Site. The workshop is limited to 8 people. Bring work shoes and gloves.

Workshop No. 8: Picture Canyon Rock Art Recording

Sat, Oct 15, 2011

Instructors: Evelyn Billo, Robert Mark and Don Weaver

Learn basic rock art terms and recording methods from field experts. Then put these skills to use with field work in Picture Canyon, a petroglyph site designated in the National Register of Historic Places in 2008. Assist archaeologists in survey, recording, monitoring and address conservation issues. The workshop is limited to 8 people.

Workshop No. 9: Picture Canyon Rock Art Recording

Sat, Oct 22, 2011

Instructors: Evelyn Billo, Robert Mark and Don Weaver

Learn basic rock art terms and recording methods from field experts. Then put these skills to use with field work in Picture Canyon, a petroglyph site designated in the National Register of Historic Places in 2008. Assist archaeologists in survey, recording, monitoring and address conservation issues. The workshop is limited to 8 people.

Workshop No. 10: Ceramics Analysis

Sun, Nov 6, 2011

Instructors: Walter Gosart and Tom Woodall

Learn ceramics (pottery) analysis methods of artifacts from Elden Pueblo Heritage site. Gain an understanding of the timeline of pottery styles and the widespread distribution; resulting in an understanding of the subsequent movement of prehistoric peoples.

Workshop No. 11: Projectile Point Identification

Sat, Nov, 12, 2011

Instructor: Dr Ron Krug

Projectile points tell archaeologists a great deal about the culture that created them and are a great tool in tracking the movement and interaction of prehistoric peoples. Join our "point-man" expert, in unraveling the mystery of these important artifacts.

Workshop No. 12: Primitive Technology Workshop

Sat., TBD, 2011

Instructors: Jason Nez and Lisa Deem

This workshop features master archaeologist and pottery expert Jason Nez, providing demonstrations and instruction on ceramics manufacture using primitive methods in this one-day, hands-on workshop. Basketry weaving techniques are also offered during this workshop.

2011 Cultural Resource Workshop Series Registration Form

Please enroll me for the following Workshop Session(s):

Workshop # ___ **Workshop Name:** _____ **Workshop Date:** _____

Workshop # ___ **Workshop Name:** _____ **Workshop Date:** _____

Workshop # ___ **Workshop Name:** _____ **Workshop Date:** _____

Workshop # ___ **Workshop Name:** _____ **Workshop Date:** _____

Fees are \$20 per session, with a reduced rate of \$10 for AAS members

___ I am currently a member of the _____ Chapter

Optional:

___ Please enroll me as a Member of AAS. _____ Chapter

Submit dues with application. \$40 Family, \$35 Individual, \$33 Student

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

Credit Card: Visa ___ MasterCard ___ Credit Card Holder Name: _____

Card Number: _____ Sec Code: ___ Exp Date: _____

\$ _____ Course Fees

\$ _____ Membership Dues (optional)

\$ _____ Total Enclosed

You will be notified of confirmation of your registration, either phone or e-mail.

Please make checks payable to **Elden Pueblo Project**

Mail to: Elden Pueblo Project, 1824 S. Thompson St., Flagstaff, AZ 86001

Questions? Contact: Lisa Deem at 928-527-3452 or eldenpueblo@npgcable.com



2011 Field Season at Elden Pueblo Heritage Site Flagstaff, Arizona



Arizona Archaeology Society Field Schools

Ridge Ruin Site Assessment Field Days

Sundays, April 17, May 15, June 12, Oct. 9, 2011

Trip Leader: Lisa Deem

Assist in site assessment on the Coconino Forest. Selected sites in the Historic Register District of Winona- Ridge Ruin will be visited for conditional assessment. Sign-up sheets at NAAS monthly meetings. Meet at 9 am, McDonald's/Safeway parking lot on Hwy 89. Return at 1:00-1:30 pm. Please notify trip leader, Lisa Deem at (928)527-3452 or (928) 522-0776, if you plan to attend.

There is no fee for this activity.

Alumni Field Sessions

June 6-10 & June 13-17, 2011

Instructor: Peter J. Pilles, Jr., Walter Gosart, Tom Woodall

Alumni are invited to join the staff for 2 one-week sessions to complete documentation and interpretation of trenches that have been completed, but require final confirmation. This will involve review, corrections, and updates to previous excavation notes, photographs, plan drawings, and profiles, as well as verifying correlations within the overall site stratigraphic sequence. Registration is required and a small fee will be charged to cover site expenses. This session is limited to Elden Alumni or persons with equivalent field experience. Members who are looking to complete Crew Member II certification (week two) may also attend. **Program fee: \$50/week**

Laboratory Techniques

July 11-15, 2011

Instructor: Peter J. Pilles, Jr.

A one-week session of lab work. This class deals with the methods and materials used in processing, preserving, cataloging, and storing of artifacts. It includes classifying artifacts with particular attention paid to ceramics and lithics. Course held at the Elden Pueblo Heritage site. **Program fee: \$100/week**

Ruins Stabilization Course

Consecutive weekends: July 29-31 & August 6 & 7, 2011

Instructors: Walter Gosart, Tom Woodall

Ruins Stabilization will consist of both lecture and field work. The course provides the basic academic and field skill to allow participation in AAS stabilization projects and assist the professional community, as may be requested. The course will briefly cover excavation methods when needed specifically for stabilization purposes. It covers the principles and purpose of stabilization, the difference between "stabilization" and "reconstruction", and the various tools and techniques used. Also, the importance of mapping, photography and documentation during the stabilization or reconstruction process will be discussed. Field trips to observe stabilization efforts at nearby sites may be scheduled. **Program Fee: \$150 per week/5-day class.**

Survey Techniques Course

July 18-22, 2011

Instructor: Don Keller

Surveying is the process of initial discovery, evaluation, determination of the location, and preliminary mapping of an archaeological site. Accordingly, this course involves ways in which different types of surveys are organized (including how to recognize a site, use a map and compass, and evaluate a site), and basic mapping. Participants will work on locating sites recorded on the Coconino National Forest many years ago; pre-GPS technology. They will locate, update site datum and verify site records in an intensive week of field work and lecture. **Program fee: \$150 for 1 week/5 day class**

AAS Course Registration: Forms are available on the Elden Pueblo and AAS websites:

<http://www.fs.fed.us/r3/coconino/about/districts/peaks/elden-pueblo-project.shtml>

or <http://www.azarchsoc.org/>, and will be available in the April Petroglyph

These activities are open to all AAS members.

CHAPTER NEWS

Agave House Chapter



The Chapter met at the Black Mesa Ranger Station on Jan. 26th with fourteen in attendance. Election of officers has been postponed, and the current slate of officers will continue for the time being.

Ralf and Gloria Kurzhals recently received an award from the U.S. Dept. of Agriculture's Natural Resources Conservation Service under the direction of Dr. Miles Gilbert for their volunteer work in surveying over 18,000 acres and recording area sites and artifacts, the equivalent of approximately six months' volunteer work. Others who also received awards were Darlene Brinkerhoff, David Bancroft, Michael Overstreet and Dan Tobin.

Ben Mixon called our attention to the Arizona Archaeology and Heritage Awareness Month, established 25 years ago. A calendar of special state-wide events in March is available at: http://azstateparks.com/find/arch_calendar.html.

Jason McInteer, archaeologist for the West Zone of the Apache-Sitgreaves National Forest, reported on projects in progress. There were 56 projects in 2010: 34 were completed from April through October; 10 were dropped because of lack of funding and 12 remain in progress. So far this year there has been involvement in 30 projects. Reorganization and restructuring of the agency has impeded progress. Much remains to be done and can be accomplished with sufficient funding and volunteer help.

Discussion included our declining membership and means for attracting new members. Suggestions to rejuvenate our group included holding a Saturday workshop to present our site steward program opportunities along with posting pamphlets at the Library, Chamber of Commerce and Black Mesa Ranger Station.

The next meeting is Wed., Feb. 23, at the Black Mesa Ranger Station at 6:30 pm. Those who choose may join us for dinner at 5 pm at Casa Ramos. All are welcome.

--Virjean Svoboda

Agua Fria Chapter



February was a very busy month for the Agua Fria Chapter. Donna Ruiz y Costello, who founded our Chapter, was the speaker for the Feb. 8th meeting. Donna went back to school to earn her degree in Museum Studies, and as part of her work conducted research on *The Role and Use of Yerberias and Botanicas in Phoenix Latino Neighborhoods: An Interdisciplinary Preliminary Study*. Yerberias and botanicas are herb shops used by Latinos as sources for folk medicine remedies and religious articles. The herbs and healing practices for her study are referred to collectively as "cultural health remedies". A Mexican healer is called a curandero or curandera, and the practice of healing is called curanderismo.

Most folks know that Jack Swilling was the "founding father" of Phoenix, but hardly anybody is aware that his wife, Trinidad

Escalante Swilling, is considered the "founding mother". The entire southern part of Arizona south of the Gila River was part of Mexico until after the Mexican War of 1846 was over and the Gadsden Purchase resulted in that part of Arizona becoming a U.S. Territory in 1853. As we all know, Arizona didn't become a state until Feb. 14, 1912. The 1870 census of Phoenix showed 240 residents; 124 were Mexican - just over 50%. Large-scale floods during the 1890s saw the flight of affluent families north and west of the city; Mexicans and other lower economic class members were relegated to areas affected by the flood where land was cheaper, often without any electrical or sanitary infrastructure. As a result, "barrios" were established and still exist.

Donna's research shows that Latino business development follows a pattern: carnicerías (meat markets) move in first, next come the discotecas, yerberias and panaderías once the Latino population is just over half. Llanteras (tire shops) move in last when the Latino population is the largest. Most of the yerberias presently in the Phoenix area have been in business 3-10 years, a smaller percentage have been in existence up to twenty years. Products from these shops come from all over Mexico, Baja California and California and some come directly from the Tarahumaras. Her research also showed that a number of Latinos grow the herbs and plants in their own backyards. Donna detailed the services provided by the Yerberias and provided information on a number of specific shops and their owners. It was a very informative evening and appreciated by all attending.

The "Minerals and Rocks" class emphasizing types found in archaeological sites, continues with our advisor Maurice Shoger. The class went on a field trip to two sites, the Quass site and the Casa de Piedras site along the Agua Fria River, to examine the types of stone in the areas and within the sites themselves. Much was learned and led to questions on just how far afield the prehistoric folk had to go to acquire the materials needed for tools and implements.

Another trip back to the Pierpoint Site with archaeologists Rick and Sandy Martynec was very informative as to the types of ceramics found on the site. It was nobody's surprise to find that indeed Lower Colorado Buffware is present, from the Patayan I and II periods. We are indeed grateful to the Martynec's informative and important information and confirmation of our guesses. Thank you Rick and Sandy!

A hike to the Cottonwood Wash area is planned for late February with the hope that it isn't rained out. But if it is, hey, we need the rain! Many events are planned for March, which is Arizona Archaeology and Heritage Awareness Month. Included are our Rock Art Recording Workshop in conjunction with the Deer Valley Rock Art Center on March 12, and a hike to the Picacho Mountains to see the petroglyphs there. Check out all the activities listed in the *Arizona Through Time: Stories of Stone* pamphlet for March. There are enough activities and fun stuff listed there that no one interested in archaeology should be found at home at any time during the month of March!

See you all in the field!

--Sandy Haddock

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Desert Foothills Chapter

Our fearless leader, Paddi Mozilo, spent some time in the hospital last month but is recuperating nicely at home. We wish her a speedy recovery! She was missed at our February meeting but we look forward to seeing her back in charge for our March Archaeology Month events!

A very large crowd was on hand for our February speaker, Hopi anthropologist Micah Loma'omvaya. His talk was titled, *Comprehending Our Past Life-Ways and Thoughts about Hopi Archaeology*. Micah believes that Hopi archaeologists possess a traditional and historical knowledge about the past, given to them by their ancestors and through the Hopi life experience. This knowledge gives them a unique perspective about western archaeology that non-Hopi archaeologists don't have. Micah sees many elements of Salado, Hohokam and Sinagua culture that are also part of his Hopi tradition. His hope is that western archaeologists will begin to respect Hopi traditions and knowledge when interpreting archaeological data. His consulting business, Tuuwanasavi Heritage Consulting, focuses on preserving cultural and natural resources. A "Road Scholar" speaker from the Arizona Humanities Council, Micah's talk was interesting and informative.

March Archaeology Month Events

Cave Creek Archaeology Expo: Saturday, March 5th, 8:30 am to 4 pm. at Spur Cross Ranch Conservation Area, 44000 N. Spur Cross Road, Cave Creek, AZ. The Expo features hikes to archaeological sites, booths, children's crafts, lectures, pottery-making and flint-knapping demonstrations. Help is needed for set-up, clean-up and to work at the various booths. For more info or to volunteer, please call Paddi Mozilo at 480-595-9255.

Arizona Archaeological Society Expo: Saturday and Sunday, March 26 and 27, 10 am. to 4 pm at the Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix, AZ. Volunteers are also needed to staff AAS tables; please contact Paddi Mozilo at 480-595-9255.

Cave Creek Museum Home Tour: Sunday, March 20, 10 am to 4 pm. The Cave Creek Museum is hosting a *Homes Through Time* tour of four homes in the Cave Creek/Carefree area. The cost of the tour is \$25. One of the homes featured is the "Boulder Home," an architectural delight designed around weathered, granite outcrops. For more details, please contact the museum at their website, www.cavecreekmuseum.com or call 480-488-2764.

Upcoming Classes

Sandal Making and Finger Weaving Workshop: Saturday, April 9, 9 am to 1 pm. The location will be somewhere in the Cave Creek/Carefree area. Instructor Al Cornell will teach participants the ancient art of finger weaving to make sandal straps. This workshop is only open to AAS members and costs \$15. Don't miss the fun! Contact Mary Kearney at maryk92@aol.com for more information and to sign up.

Introductory to Geology Workshop: Thursday, March 24th and Thursday, March 31st, from 7 pm to 10 pm with an additional field trip on Saturday, March 26th, from 8 am to 1 pm. The two lectures will be held at Paradise Valley Community College and the field trip will most likely be held at Spur Cross. This workshop is being taught by Harry Birkman, Ph.D, and is open only to AAS members. The cost is \$45. Please contact Mary Kearney at maryk92@aol.com to sign up or get more information.

Hikes

All hikes this month are being done in conjunction with March Archaeology Month Events.

The DFC has a new group called, *Out and About*. This group was formed so that members of the DFC could get together and support cultural events around the valley that don't necessarily include archaeology. Joan Young has put together a monthly series of cultural activities that she thinks will be of interest to DFC members and she welcomes your ideas for upcoming events.

This month's activity is the *Homes Through Time* tour listed under March Archaeology Month Events. In April, there are two events: Monday, April 4, will be the Oaxacan and Mata Ortiz Truck Show at the Desert Botanical Garden, and Thursday, April 7th, will be a tour of the State Capitol by the Arizona Women's Heritage Trail and called "Historic Women in Phoenix." The April Petroglyph will have additional information. Contact Joan at joanpyoung@msn.com or at 623-551-1085.

On March 9th, the DFC welcomes our own Doss Powell as our Archaeology Month speaker. The name of his talk is, *What's For Dinner?* and he will be enlightening us with photos and stories about his five plus years digging at Mimbres, New Mexico. A faculty bioarchaeologist at Paradise Valley Community College, Doss has been looking at subsistence patterns for two different late Mimbres sites, one located on the Mimbres River and the other more upland. Using faunal analysis, he will reconstruct the environmental adaptations that were made by the later, upland group. We are excited to learn the results of his analysis and look forward to seeing what the Mimbres ate for dinner. Doss will be defending his doctoral thesis on May 6th of this year and we wish him the best of luck!

DFC Chapter meetings are held on the second Wednesday of the month in the Community Building of The Good Shepherd of the Hills Church, 6502 E. Cave Creek Road, Cave Creek, AZ 85331. Meetings start at 7 pm and are open to the public.

--Holly Bode



Phoenix Chapter

Glen Rice, Rio Salado Archaeology, spoke at our Feb. 9th meeting on *The Gillespie Dam Site; An Archaeological Example of a Multi-Ethnic Village on the Lower Gila River*. Dr. Rice is a retired professor from the Dept. of Anthropology at ASU and now runs an archaeological consulting firm, Rio Salado Archaeology. His research for the past 30 years has focused on Hohokam

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archaeology. Over the past decade survey work in and around the Gila Bend area has found many sites containing both Hohokam and Patayan sherds, suggesting the sites may have been occupied by both groups. However, based on surface data alone, it was unclear whether the Patayan succeeded the Hohokam groups in these villages, or if they lived together in the same villages. Recent excavations at the Gillespie Dam site indicate that around AD 1050 to 1100 Patayan and Hohokam groups were living together in the same village while each group continued to make their own traditional pottery and buried their dead in separate cemeteries. Spanish explorers in the 1700s and early 1800s found villages near Gila Bend occupied by two different peoples, the Cocopa and Maricopa. Multi-ethnic villages may have been the norm in the Lower Gila for a period of seven to eight centuries.

Barbara Stark, Ph.D., Prof. of Anthropology at ASU, will speak on *The Challenge of Ancient Urban Gardens in Mesoamerica* at our March 10th meeting, based on comparative research. Her interest in urban gardens grew from her research in the western lower Papaloapan River basin in the Gulf lowlands of Veracruz, Mexico. This area has been the focus of a long-term survey and settlement pattern investigation which has included multiple students and archaeological professionals. Dr. Stark specializes in the origins and developmental trajectories of complex societies in Mesoamerica, and her many publications have dealt with such topics as coastal adaptations, settlement patterns, tropical urbanism, ceramics, crafts and long-term economic and political change.

The drawing for the Amerind Foundations' Casas Grandes Reports, Volumes 4, 6, & 7, was postponed until the March meeting. Tickets are \$2 each or 3 for \$5. The books and raffle ticket containers will be at the back of the room.

Field Trip: The MCC Planetarium will give us a tour of their facility and a special showing of the program *Stars of the Pharaohs* on Feb. 25th. A desert plant tour with David Morris is planned for early April at the Boyce Thompson. More details and sign-up sheets should be available at the March meeting.

Archaeological Recording Class: John Hohman will be leading an Archaeological Recording class at Q Ranch on the weekends of April 30-May 1; May 14-15; June 4-5; June 18-19; and June 25-26.

The Phoenix Chapter meets on the second Thursday of each month in the Community Room at the Pueblo Grande Museum, 4619 E. Washington St. in Phoenix, starting at 7:30 pm. We usually take the evening's speaker to dinner at 5:30 pm at the new Ruby Tuesday Restaurant on 44th Street and Washington just northwest of the museum. If you are interested in having dinner with the speaker, please call or email Marie (480-827-8070 or mbrit@cox.net) so that she can reserve a large enough table.

--Ellie Large

Rim Country Chapter



We are all making plans, large and small, for Arizona Archaeology Month. In Rim Country we are planning our annual potluck native

foods activity at our regular monthly meeting, March 19th. This has been very popular and the offerings are unique and tasty; last year board member Chuck Howell upped the ante with the inclusion of a homemade corn brew; I think that was a hit. Recognizing that many chapters are suffering from member attrition; we all asking all of our members to bring a guest to the potluck next month in order to introduce them to the Chapter activities and, hopefully, recruit some new warm bodies.

The February meeting was held during a cold and rainy Saturday. Those that braved the weather heard Dr. David Wilcox speak about his new book, *Zuni Origins*, and a new synthesis on Southwest population and migration theory. Next month, we will host presenter Garry J. Cantley, Regional Archaeologist for the BIA. Garry's talk will focus on archaeological resource crime and programs that they have developed to help educate the public and especially students about this important issue.

Members will be attending and grand reopening of the Homolovi ruins on March 18th, we expect to see many other AAS chapters represented at this important celebration. Also, activities leader, Ed Spicer, has arranged for a special tour of the Sharlot Hall Historic Home and museum on March 12th.

March is a great time to see Arizona, the Rim Country Chapter extends an invitation to all AAS members to come up for a visit. If you happen to drop in on March 19th you might try the tastes of southwest inspired cooking and a shot of Chuck's amazing brew. See you soon.

For information about all the activities associated with the Rim Country Chapter, please E Mail or call Evelyn Christian, President, at elkwoman3@msn.com (928 476-3092)

-Ric Alling



Santa Cruz Valley Chapter

Our February speaker was Rob Jones, of the Center for Desert Archaeology. Jones was field director for the Mule Creek Archaeological Testing Project, part of the Center's research program into the late prehistoric archaeology of the southern Southwest. Rob discussed his team's work on Mule Creek, in New Mexico just east of the Arizona border. In three seasons of field work there, Jones and his team have shed new light on the culture and community connections of the final prehistoric Puebloan occupation of the Upper Gila watershed. Their work has shown that, beginning about 1200 AD, this region was home to diverse communities who exploited the abundant natural resources of the area, including rich deposits of obsidian, an excellent tool stone material that was circulated widely during the prehistoric period. Rob described evidence of Kayenta migration into the area during this time, as part of the diaspora of Ancestral Puebloan peoples from the Four Corners area further north. The talk was very enlightening and provoked a lively discussion within the audience.

On April 14, Dr. Eric Eugene Klucas, Senior Manager in the Environmental Planning and Cultural Resources Division at Tierra Right

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of Way Services, Ltd., in Tucson, will be out speaker. His presentation focuses on the results of several recent contract archaeology projects in the Tucson Basin that are expanding our understanding of many aspects of the Tortolita phase (ca. 500-700 AD), including social organization, cultural affiliation, and water control technology.

Our 2011 hiking program continues through April, and all AAS members are welcome to participate. Information about the hikes is available on our chapter's page at the AAS website. For information, or to register, please contact Bill Cox at bcoxa@hotmail.com.

Finally, the Santa Cruz Valley chapter is preparing a nomination for the AAS Professional Archaeologist of the Year Award for Allen Dart, Executive Director of the Old Pueblo Archaeology Center. Allen has been extraordinarily helpful to us, even before we got our chapter organized, and he continues to provide us with advice, contacts, well-taught certification classes, and excellent lecture programs whenever we call upon him, despite a daunting professional schedule. We know from reading *The Petroglyph* that he has provided many of these things to other chapters as well. If you will share stories of his helpfulness to your chapters, we'd be happy to include them in his nomination document. Just e-mail them to Alan Sorkowitz, at asorko@cox.net as soon as you can. Thanks.

--Alan Sorkowitz



San Tan Chapter

The San Tan Chapter was honored by the addition of a Special Guest at our February meeting. Ron Robinson, Chair of the AAS, was on hand early to meet and greet all of the members and kicked off our session with a special *Membership Challenge 2011*. Ron announced the new AAS web site and from there, spoke about the importance of each of us doing our our part to attract and maintain members. His outlined remarks and encouraging suggestions were distributed as a takeaway for members to utilize as we go forward. Ron participated with us through the entire meeting, and stayed well afterward to chat, provide feedback and guidance and to answer questions from a very grateful Chapter. Thank you, Ron!

The featured speaker was Jim Britton on the Homol'ovi Stabilization Project conducted late last Summer/Fall at the Homolovi Ruins State Park outside of Winslow, Az. Homol'ovi ("place of little hills"), is a 4,200-acre site that includes extensive ruins of a large Hopi community along the Little Colorado River. It is currently a State Park, established in 1986, and opened in 1993. The offer to stabilize the ruins at this Hopi location was extended by the AAS to the Arizona State Parks after it's unfortunate closure in early 2010 due to State budgetary shortfalls. It was initially feared that the deteriorating condition of the ruins and the anticipated long-term closure of the Park, including concerns of vandalism, would imperil this treasured site even further. The scope of work included the Great Kiva, the Small Kiva and the 5-Room House, areas dating to approximately 1260-1400 A.D. Site Maps and photographs of all of the ruins to be stabilized were provided to

illustrate the extent of the decay.

Jim provided a detailed overview of the approvals process(es) required, the agencies and the State and Hopi Tribal representatives involved with the associated time lines. A rigorous approach was utilized to further evaluate and document the site. All previous documentation utilized by any team at any time about the site was assembled and digested by the Stabilization Team. This included stabilization efforts by Dr. John Holman in 1993-4 and the SWCA Group in 1996, and all participation by Dr. Charles Adams, Director. The invaluable photography of Dick Lord as AAS Photographer was cited throughout the lecture and was vital to the Stabilization Project documentation.

An assembled team of 18 AAS volunteers across 9 Chapters performed the labor involved with the stabilization. (Our AAS Chair, Ron Robinson, in attendance for the Chapter meeting, was key to the Project's beginnings and its approval, and also worked at the site for the concurrent weekends last Fall.)

The photography and Jim's expert descriptions of the kiva walls and benches fully illustrated the areas in need of stabilization. The two primary forces working on all of the walls shown was water infiltration at ground level and back force. At the ground line, water pools and flows, which basically dissolves any of the original mortar, thus significantly undermining the structure at its base (Basal Erosion). Concurrently, excavated walls on one side have the tremendous forward force of the earth behind it, working to push the walls forward. These two factors (or Forces of Nature) are primary in undermining and eventually toppling most walled structures of this type and situation.

Of particular note were the photographic "worksheets" Jim developed to document the stabilization effort for each addressed area and section of wall. These were based on forms used at Elden Pueblo in Flagstaff. The sheets include scanned photos, historical details, past stabilization (if any) and "before & after" photographs with notation markers to document the improvements. Jim also walked us through the soil samples taken (7), the concrete binder and the mud mortars mixed (4), and their varying degrees of failure and success. Ultimately, one including the "white sands" of the Little Colorado was found to be the final perfect solution in adhesion and color to the original. Geo-textiles were used as barriers and to provide demarcation on areas excavated and subsequently back-filled. *Soil Shield* was spread on the floors of the stabilized kiva to consolidate the soil and retard the erosion process while retaining the entirely natural appearance of the site.

The photographs of the finished work areas, alongside the areas as initially found, was nothing short of remarkable. The Project documentation is similarly impressive and will be invaluable for all future efforts at the site. Equally impressive are the AAS volunteers – with 366 member hours logged within the total 629 hours directed to the site's stabilization. In addition, the Hopi Tribe has provided \$175,000 for the ongoing care and maintenance of this treasured site.

The Homolovi Ruins State Park is being reopened March 18,

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2011, sponsored by the Hopi Tribe and the Homolovi Ruins State Park. It is a weekend celebration packed with events, speakers and activities for all ages. Details can be found at AZStateParks.com and in the distributed booklets for Arizona Archaeology & Heritage Awareness Month – March 2011 – Statewide Listing of Events.

--Peggy Lynch



Verde Valley Chapter

Our February speaker will be David Wilcox, Ph.D., who in 1984 became Scholar-in-Residence jointly with the Museum of Northern Arizona and Northern Arizona University. In 1985 he was appointed Curator at MNA, becoming head of its Anthropology Department in January, 1988. He continued in that role until 2006, when he stepped down to become a Senior Research Anthropologist. Dr. Wilcox is engaged in a program of pure research in three areas: history of archaeology, anthropology, and museums; archaeology of the greater Flagstaff area; and macro-regional syntheses in Southwestern archaeology. Dr. Wilcox will be speaking to us about his co-edited volume *Zuni Origins: Toward a New Synthesis of Southwest Archaeology*.

Our March meeting will be held at the Sedona Public Library at 7 pm on March 24th. Our speaker will be Hubert A. Allen, author of several books including *The Petroglyph Calendar: An Archaeoastronomy Adventure*, published in 1998. This book had its origin in a reverse engineering of a cryptic triangular carving on a rock at the base of Sandia Mountain, in New Mexico. After determining that the most likely explanation for this carving was its use as an ancient calendar, he conducted archaeoastronomical research for a year, and published this book, which will be the basis of his talk.

Hubert Allen was born in Albuquerque, New Mexico, but was raised in the Midwest, in Glencoe, Illinois. He attended Brown University, and received a B. S. in Applied Math-Biology. He worked at Arizona State University (1980-1981) where he was involved in a large study of birds along the Lower Colorado River. He earned an Sc.M. in Biostatistics from the Johns Hopkins School of Hygiene and Public Health in 1985. His interest in ancient history, archaeology, and the history of ideas led him not only to the publication of this book, but also to his meeting with Gerald S. Hawkins, and the formation of a friendship which ended in the publication of Hawkins' last book, *Stonehenge, Earth, and Sky*, by Wessex Books (UK) in 2004. Mr. Allen's other book titles can be found on Amazon, and Wessex has just come out with an e-version of the Hawkins title.

V Bar V Days, an annual event at the V Bar V Heritage Site, will take place on March 12-13. The Chapter will again have a display. A sign-up sheet will be available at the March meeting

for an opportunity to volunteer to staff the booth in four-hour shifts.

Dr. Stephen Lekson will be our Distinguished Speaker on April 28th at 7 pm at the Sedona Creative Life Center. Dr. Lekson is an archaeologist, working in the U. S. Southwest. Most of his field-work has been in the Mogollon and Anasazi (Ancestral Pueblo) regions, but he has also worked in Hohokam, Casas Grandes, Rio Grande and Jornada areas. His principal interests are human geography, built environments, and government. His current research projects have more to do with migrations (Pinnacle Ruin, in southern New Mexico) and household archaeology (Yellow Jacket, in southwestern Colorado). He is also the Curator of Anthropology at the University of Colorado Museum of Natural History.

For information, please contact Ken Zoll at (928) 284-1228, or ken.zoll@esedona.net.

--Louise Fitzgerald



Yavapai Chapter

At the Feb. 15th meeting Stewart Deats of EnviroSystems Management Inc. spoke on the findings at the Grey Fox Ridge site in Cottonwood Az. It is a prehistoric pit house hamlet located about one mile south of Tuzigoot. In all there were 69 cultural features, including 14 inhumations, 7 cremations, 16 pit houses, 1 possible communal pit house and 21 storage pits. The earliest occupation date was 200 AD, that being the large possible communal pit house; the rest of the occupation was from approx. 500-1200 AD. One historic brush structure dating to about the 1880s was also found.

Our speaker on March 17th will be Micah Loma'omvaya, Consulting Anthropologist with T'uuwanasavi Heritage Consulting located on the Hopi Mesas. The title of his talk is *Hisatqatsit Aw Maamatslalwa~ Comprehending our Past Life-Ways and Thoughts about Hopi Archaeology*. Before the meeting you are invited to join in for dinner with the speaker upstairs at the Prescott Brewing Company at 5 pm.

Yavapai Chapter will not be having a field trip in March. Everyone is encouraged to attend the Archaeology Month activities. However Andy Christenson will lead a special field trip on Sunday, March 6th, to an archaic site in the Paulden area. If you are interested in joining Andy, meet at the Paulden P.O. at 10 am

Flo Reynolds announced plans for an extended field trip to the Bluff-Blanding region of Utah. Tentative date is the 2nd week of September. More details will be announced at the March meeting.

--Susan Jones

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OBJECTIVES OF 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 knowledge and improve the skill of members in the disciplines 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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