
THE PETROGLYPH

Newsletter of the Arizona Archaeological Society

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February 2007

Q Ranch Project 2007

After a number of years of data recovery at Q Ranch Pueblo, in 2007 the AAS will focus on activities such as artifact analysis, report writing, stabilization and site preservation. One final weekend of excavation will take place from May 17-21, since we cancelled one of our work weekends in 2006, and therefore fell behind schedule. Please join us at our May Work Weekend for this final opportunity to conduct fieldwork at one of the largest and most important prehistoric sites in the region.

The focus of the Summer Session at Q Ranch in 2007 will be a Stabilization and Site Preservation Workshop. Experts from across the state will share their techniques in the field and discuss their experiences in stabilization and site preservation in our afternoon lecture sessions. Field trips to a number of prehistoric and historic sites will further illus-

trate the wide range of sites that require stabilization and preservation.

The August Work Weekend at Q Ranch will be an opportunity to put our stabilization and site preservation skills into practice. There will be no charge for attending this work weekend, as participants contribute their time to ensure that the Q Ranch Pueblo will be preserved for posterity.

Please contact Brenda Poulos at brendapoulos@yahoo.com or at 480-471-2454 if you are interested in participating in any session of the Q Ranch Project.

— *Brenda Poulos*

AAS Screensaver

AAS member and outstanding photographer Jim Blaugh has offered to create an AAS screensaver for our computers, using both his and your favorite photos of Arizona rock art, archaeology sites and scenery.

CD's of the screensaver will be sold for \$10.00 each as an AAS fundraiser. We would like to make these available for sale at the May 2007 State Meeting, so please send your photos to Jim at jlblaugh@aol.com by March 15, 2007. E-mail him first for directions regarding the format and size in which he would like the photos sent. Do not include

photos that disclose the locations of sites, and do not send photos that include people.

This will be a fun and unique item for all AAS members, particularly if your own photographs are included!

— *Brenda Poulos*



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Next deadline is at noon **Sunday, February 18th**, for the March issue.

REMINDER PLEASE RENEW YOUR MEMBERSHIP

It's that time of year again! The membership year is January through December. Please contact the treasurer of your local chapter for renewal forms. Members who have not renewed by January 31st will miss the March copy of *The Petroglyph*!

CHAPTER MEETINGS

<u>Chapter</u>	<u>Location</u>	<u>Date & Time</u>
Agave House	Black Mesa Ranger Station Conf. Rm. 2748 Hwy. 260, Overgaard	4th Wednesday of each month except November and December 6:30 pm
Agua Fria	Glendale Public Library Auditorium 59th Avenue & Brown, Glendale One light so. of Peoria on 59 th	2 nd Tuesday of each month Meeting: 7:00-9:00 pm Social Hour. 6:00-7:00 pm
Ajo/Why		November thru May
Cochise	Cochise College Library Conf. Rm. Sierra Vista, AZ	2 nd Tuesday of each month
Desert Foothills	Scottsdale First Assembly Dream Center 28700 N. Pima Road in Scottsdale NW corner of Pima and Dynamite	2 nd Wednesday of each month 7:30 pm
Homolovi	Homolovi Ruins State Park Visitors Center	3rd Thursday of each month 7:00 pm
Little Colorado River	Casa Malpais Museum Springerville	3rd Monday of each month 7:00 pm
Mohave	The Grace Lutheran Church 2101 Harrison Ave., Kingman.	2nd Friday of each month 7:00-9:00 pm
Northern Arizona	The Peaks (Senior Living Community) "Alpine Room", 3150 N. Winding Brook Road, Flagstaff (Hwy 180 north of Flagstaff, just before MNA)	3rd Tuesday of each month September to November; January to June, 7:00 pm
Phoenix	Pueblo Grande Museum 4619 E. Washington Phoenix	2nd Thursday of each month September thru June 7:30 pm
Rim Country	Rim Country Museum 700 Green Valley Parkway, Payson	2nd Wednesday of each month 7:30 pm
Verde Valley	Sedona Public Library 3250 White Bear Rd, Sedona	4 th Thursday, September thru May except 3 rd Thursday, November & December, 7:00 pm
Yavapai	Pueblo of the Smoki Museum 147 North Arizona Street, Prescott	3 rd Thursday of each month 7:30 pm

Would you like to receive your "Petroglyph" by e-mail?

A number of discussions have been held at AAS State Meetings regarding members receiving their "Petroglyph" by e-mail, rather than receiving a hard copy in the mail.

This would not apply to all members, only to those who notify us that this is their preference. The remainder of us would still receive our "Petroglyphs" in the mail, and in addition the "Petroglyph" is posted on the AAS Website each month for everyone to enjoy. I would also like to remind you that previous issues of the "Petroglyphs" are archived on the website.

If you choose to receive an e-mail each month with a link to the Petroglyph, and you no longer require a hard copy of the Petroglyph mailed to you, please send the following information to Jerry Mead, AAS Webmaster, at update@azarchsoc.org

I no longer wish to receive my "Petroglyph" in the mail. I wish instead to receive my "Petroglyph" by e-mail.

Name _____

Address _____

Phone _____

E-Mail _____

Chapter _____



AAS May 5-6, 2007 State Meeting Eastern Arizona College, Thatcher AZ

Don't miss an opportunity to learn more about the archaeology of southeastern Arizona on the weekend of May 5-6, with noted archaeologists, a museum tour of ceramics and artifacts (see the Mills Collection on the EAC website), and field trips highlighting evidence of migration in several areas of southeastern Arizona!

The Saturday, May 5 meeting will be held in the attractive Lee Little Theater on the campus of Eastern Arizona College in Thatcher, where the Mills Collection is housed. On Saturday afternoon, Dr. Patrick D. Lyons, will present slides and information on the research he and Dr. Anna Neuzil completed on ceramics of the Mills Collection. Dr. Lyons recently joined Arizona State Museum as Associate Curator and Head of Collections. Read his article (written with Dr. Alexander J. Lindsay) in this issue of the Petroglyph, on the intriguing evidence of perforated plates as markers of the migration of northern immigrants into the southern Southwest.

The society will then tour the outstanding Mills Collection accompanied by Dr. Lyons. Eminent archaeologist Dr. J. Jefferson Reid of the University of Arizona will present the evening lecture on Dr. Emil Haury. This promises to be an informative and entertaining lecture.

On Sunday, May 6, Kyle Woodson and Dr. Anna Neuzil, both recognized for their outstanding research in this area, will lead informative field trips to fascinating sites in the Safford area.

— *Brenda Poulos*



Assessing an Archaeological Project for Compliance with AAS Bylaws

AAS Chapters will often be approached by professional archaeologists and other individuals seeking participation in activities such as survey, rock art recording or excavation. Prior to agreeing to participate in these projects, chapter presidents and officers need to ensure that the project complies with AAS requirements for conducting archaeological research. When joining the AAS, all members sign a document stating that they "promise to uphold the bylaws of the Arizona Archaeological Society and the antiquity laws of Arizona and the United States." It is therefore our obligation to ensure that we do not participate in projects that do not meet the requirements of our bylaws and the laws of our state and country. The following guidelines will assist all AAS members in determining if a project is appropriate for AAS participation:

The AAS requirements for Research Designs and Excavation Criteria can be found in the Certification Manual under Tab 27 and 28. Further information on AAS requirements for field projects can be found in the AAS bylaws and the Chapter Manual. These are all on the AAS Website.

- All chapter field projects shall be conducted in accordance with the Excavation criteria adopted by the Arizona Archaeological Society.
- The Principal Investigator of the Project must be a Professional Archaeologist with a graduate degree in anthropology, archaeology or a related field.
- The Chapter Advisor should evaluate all proposed projects for compliance with AAS Bylaws.
- Any Chapter field project shall be under the supervision of a project director approved by the Chapter Executive Committee, the Department of Certification, or the State Board of Directors.
- All field projects should operate with a permit or contract in place prior to the commencement of the project. Without a contract in place, site numbers will not be issued, and the sites will not be recorded at ASM for access by future researchers.
- All field notes, artifacts and photographs from an archaeological project should be preserved in a repository that is accessible to all future researchers.

— Brenda Poulos



Fielder Fund: Your Chance to Endow AAS Publications

Established by the Society in 1996, the Fielder Fund was created to help inform the public about archaeology, anthropology, and the history of the American Southwest through the support of publications and other media. The goal is to build a fund large enough that its annual interest alone can pay for publication of *The Arizona Archaeologist* and possibly other publications. Contributions to the fund are welcome from chapters and individuals. The name honors the Society's first publications team, Marje and Herb Fielder.

The current balance in the fund is \$33,654.43

For more information, or to contribute, contact Alan Ferg, Arizona State Museum, University of Arizona, Tucson 85721-0026; phone 520-621-2970 or email ferg@email.arizona.edu, or you can send contributions directly to our AAS treasurer, Judy Rounds, P.O. Box 1401, Carefree 85377. Please include your chapter affiliation.

**May State Meeting in Safford
May 5 - 6, 2007**

**The Spring 2007 AAS Annual State Meeting will be held at
Eastern Arizona College
615 N. Stadium Ave.
Thatcher, Az 85552**

Saturday, May 5

8:00 am Registration begins/coffee
8:30 am Presidents Meetings
9:00 am General Business Meeting
11:30 am Brunch
1:00 pm Dr. Patrick Lyons
2:00 pm Mills Collection Tour
4:00 pm No Host Cocktail Hour, Rock'n Horse Saloon
6:00 pm Dinner (Doors open 5:45)
7:30 pm Speaker Presentation: Dr. Jeff Reid

Sunday, May 6

Field Trips 9:00am – 2:00pm
1. Goat Hill Led by Kyle M. Woodson
2. TBD Led by Anna Neuzil

Accommodations

We recommend that you make reservations as soon as possible

MOTELS:

Best Western Desert Inn, 1391 W. Thatcher Blvd, 928-428-0521
Comfort Inn, 1578 W Thatcher Blvd., 928-428-5851
Days Inn, 520 E. Hwy 70, 928-428-5000
Econo Lodge, 225 E Hwy 70, 928-348-0011
Quality Inn & Suites, 420 E Hwy 70, 928-428-3200

RV Parks:

Roper Lake State Park, 928-428-6760, located off US Route 191, six miles south of Safford

For further information, please call Sylvia Lesko at 480-497-4229.

We look forward to seeing you!



NOTICE TO CHAPTER TREASURERS

If you haven't already done so, please send your 2006 State financial form 990 to Mike Magnan, State Financial Advisor. His address is on back of The Petroglyph under Certification Department.

Treasurers may use the same form as filled for 2005

or email Judy Rounds at JTalkingstick@cs.com for a copy. She may also be reached by 602.363.6985. Thank you!

— Judy Rounds, AAS State Treasurer



Upcoming Events

Feb. 12, 7 pm: 2nd lecture of the 2007 Sedona Lecture Series: *The Arizona-Chilean Connection* by Dr. Larry Stevens. Two regions of the world 5,236 miles apart share something more than a Spanish-speaking population. Chile and the Colorado Plateau share ecological attributes from dragonflies, butterflies, and various plants, to animals. Dr. Larry Stevens, a recognized biologist and MNA's new curator of ecology and conservation, explains how the Colorado Plateau is part of larger ecological processes, in existence long before human civilization. Church of the Red Rocks, 54 Bowstring Drive, Sedona. Tickets :\$6 for members, \$7 for nonmembers per lecture, or \$20/\$25 for the entire series. Advance tickets can be purchased at the Museum of Northern Arizona at 928-774-5213 or in Sedona at 928-282-4786.

Feb. 19, 7:30 pm: AAHS Lecture Series: *Tumamoc Hill Revisited: New Data and Alternative Perspectives on Early Trincheras Sites*, by Paul and Suzanne Fish. University Medical Center, Duval Auditorium, Tucson.

Feb. 24, 10 am – 5 pm, Feb. 25, 10 am – 4 pm: *Southwest Indian Art Fair* featuring 200 of the most renowned Native artists. Artist demonstrations, native foods, music and dance performances. Arizona State Museum, Tucson.

Feb. 26, 7 pm: AIA Lecture: *Life and Death at the Bottom of the Earth: Ancient Civilization along the Jordan Rift*, by Dr. Steven Falconer, ASU SHESC. ASU Main Campus, Life Sciences Building, Room A191, Tempe.

March: *Archaeology Awareness Month*. Sponsored by the Arizona State

Parks State Historic Preservation Office (<http://www.pr.state.az.us/partnerships/shpo/shpo.html>).

March 12, 7 pm: 3rd lecture of the 2007 Sedona Lecture Series: *Arizona Women Artists from the First Half of the Twentieth Century* by Fran Elliot. Art historian Fran Elliot dives into an interesting part of Arizona's past. She discusses the value and impact of female artists in Arizona. Elliot is the founder and co-chair of the Arizona Committee for the National Museum of Women in the Arts, and a National Advisory Board Member in Washington. Experience a part of Arizona's history that has received little attention. Church of the Red Rocks, 54 Bowstring Drive, Sedona.

March 12-15: *Textile Analysis Workshop*, led by curator Ann Hedlund. For information or to apply, contact Bobbie Gibel at 520-626-8364; \$240 for ASM or GFR Center members, \$275 non-members. Arizona State Museum, Tucson.

March 15, 7 pm: AIA Lecture: *Early Dynastic Egypt: The Beginnings of Kingship*, by David Moyer, Special Correspondent for KMT Magazine. ASU Main Campus, Life Sciences Building, Room A191, Tempe.

March 19, 7:30 pm: AAHS Lecture Series: *The Wetherills: Friends of Mesa Verde*, by Fred Blackburn. University Medical Center, Duval Auditorium, Tucson.

April 9. 7 pm : 4th lecture of the 2007 Sedona Lecture Series: *Sneak Peak of Upcoming Therizinosaur Exhibit* by Dr. Dave Gillette. The discovery of a dinosaur new to North America startled MNA paleontologists in 2000. From the same beds where they had excavated plesiosaurs and other marine

life in southern Utah, it was a therizinosaur, a ponderous, slow moving relative of T-Rex and other predatory dinosaurs, with a twist: it was probably a plant eater. And to add fuel to the mystery, it had feathers, its evolutionary position is close to the ancestry of birds, and it had claws on the hands like the fingers of Edward Scissorhands. This sneak peek probes this enduring mystery. Church of the Red Rocks, 54 Bowstring Drive, Sedona

Apr. 25-29, Annual Meeting of the Society for American Archaeology, Austin Convention Center, Austin, Texas. For more information, see the SAA website at www.saa.org.

May 5-6: AAS State Meeting, Safford.

June 29-July 2, 34th Annual Conference of the American Rock Art Research Association, Crown Plaza Hotel, Billings, Montana. See the announcement on page 15 of the January Petroglyph. For more information about ARARA, please visit: www.arara.org. For information about the Billings area: <http://ci.billings.mt.us/Visit/visitor.php>

Aug. 9-12: 2007 Pecos Conference, Pecos National Historical Park, Pecos, N.M.



CHAPTER NEWS

Agave House Chapter



Agave House Chapter meetings are held at 6:30 PM on the 4th Wednesday of each month, except November and December, at the Black Mesa Ranger Station Community Room which is located on Highway 260 in Overgaard, AZ. Miles Gilbert will be the guest speaker for the January 24th meeting.

Please contact Norm or Betty Viether at 928-535-9059 if you have any questions.

— *Era Harris*

Agua Fria Chapter



The Agua Fria Chapter began the year with a wonderful presentation by Kyle Woodson on the canal systems at the western end of the Gila River Community. He was excavating the right of way for the Santa Fe Pacific Pipeline's East Line Expansion Project. He discovered 38 prehistoric Hohokam canals that came off the Gila River. The canals occur on the Holocene terrace between Pima Butte and the confluence of the Santa Cruz and Gila Rivers. Prior to this project no prehistoric canals were known in that area.

Our speaker for the February meeting will be Grace Schoonover who will speak on Resurrection Rock Art—The History of Rock Art Recording in the U.S. and Europe.

— *Linda Dorsey*

Ajo/Why Chapter



Brief chapter business prior to the general meeting included the

Treasurer's report and election of officers: Shelby Ballard – President; Sandra Renner - VP; Kami Jetter - Treasurer; Secretary - open; Jim Gilman and Caroline Steva - Board members. Rick Martynec is the Archivist.

Announcements: the Regional Site Steward workshop will be held at the Country Club on 2/10 with an 8:30 registration. The Archaeology Expo in Yuma on 3/16-17 conflicts with the local Shindig held on 3/17. Chad and Lani will bring a sign up sheet for members to work at the Shindig. The board agreed to pay for 1/2 the backhoe rental, to be reimbursed at a later date. The schedule for the Dig: 1/18, 19 - surface collection; 1/20, 21 - laboratory; 1/26 thru 2/2 - excavation. By the time the Petroglyph is out, this will be old news. Members wanting more information should contact Shelby.

Joe Toumey, Archaeologist for Organ Pipe National Monument, spoke to a full house about facts and features of Organ Pipe. FDR proclaimed the 516 sq. miles, of which 93% is wilderness, as a monument in 1937. Currently there are 269 known archaeology sites, probably a fraction of the total. Many types of sites at OPNM have been categorized by artifacts, water and shelter locations. Historical activities at OPNM included mining and ranching. Deteriorating physical structures once used for those activities are in need of preservation and a plan is being developed for that. Joe's PowerPoint presentation gave us visual access to many areas closed to the general population. As an international boundary, Organ Pipe is a highly visible area and a place of beauty and vulnerability. We thank Joe for raising our awareness of this distinctive monument.

— *Kate Gilman*

Desert Foothills Chapter



The Desert Foothills Chapter has been busy the month of January preparing for the Winter State Meeting. The board and members have put in a lot of hours in prep time and I am very proud of the work they have done. We had one glitch with some of our hikes as the Forest Road 24 was closed and we decided it was best to move some of the hikes to Spur Cross Ranch Conservation Area. The hikes are easy, moderate and also a difficult hike to the top of Elephant Butte for the hardy hiker.

Our January Speaker was Ken Zoll on Archaeoastronomy. His presentation was great and I believe our chapter members bought all the copies that he brought of his book, *Sinagua Sunwatchers*. In February he is taking us on a field trip to the V Bar V Heritage Site.

Hoski Schaafsma, of the School of Life Sciences, ASU, will be our speaker on Feb. 14th (Valentine's Day). His subject is Agua Fria Archaeology/Ecology: New Research. We are looking forward to hearing him.

Our Archaeoastronomy class has gone well and we are looking into a class for this spring. The subject is undecided at this time.

On March 17 we will be having an outreach program at Spur Cross Ranch Conservation Area. We will be having displays, hikes and activities. It is a beautiful area with so much archaeology and history. We always enjoy the area and the people who come to visit it.

— *Paddi Mozilo*

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More CHAPTER NEWS....

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Little Colorado River Chapter



The January meeting was one to which all members looked forward, because it was the occasion for another presentation by the peripatetic Andersons, Sheri and Hartley. This time they spent 5 weeks touring the northern group of Mound cultures and, as usual, gave an excellent report supported by very descriptive photos. Hartley brought his excellent "Mayan" soup for refreshments.

Three new members signed up and paid dues.

The February meeting presentation will cover the recent trip to Sonora Mexico to visit some of the Kino missions and the Seri Indians at Punta Chueca.

Work at Casa Malpais is suspended until warmer weather returns. Meetings are on the 3rd Monday at 6:30 pm, and all members are invited.

For more information, call President Dave Rohlader at 928 333 0521 or 928 245 3356.

— Dave Rohlader

Mohave Chapter



Our January 19th speaker will be Ken Zoll, who will talk about archaeoastronomy and rock art in the Verde Valley area.

Craig Johnson, Mohave Chapter Advisor and Kingman BLM Archaeologist, will be teaching a Survey Techniques course. Participants will learn basic survey methodology and site mapping techniques. The course will involve 20

hours of lecture and 40 hours of field work, and may lead to AAS certification for those interested. The initial class will be held on the morning of Saturday, February 3rd.

Our meetings are held at 7 pm on the second Friday of each month at the community room at Grace Lutheran Church, 2101 Harrison Ave. in Kingman. For more information, please contact John Ainlay at 928-753-2600 or jainlay@ctaz.com .

— Gale Dom

Phoenix Chapter



The Archaeological Conservancy helped us bring in Paul Reed from the Salmon Ruin for our January meeting, and the Center for Desert Archaeology sponsored a wine-and cheese reception before the meeting. Almost 100 attended the event despite the light-rail construction continuing on Washington Street. Bill Doelle, President of the Center for Desert Archaeology, gave us a short talk about the role of the Center for Desert Archaeology and introduced Paul, who is a Preservation Archaeologist for the Center for Desert Archaeology and also Chacoan Scholar at Salmon Ruins. Paul spoke on "The Role of Salmon Pueblo in the Chacoan and Post-Chacoan Worlds of the Middle San Juan Region." Paul has directed the work at Salmon for the CDA for the last five years. He discussed the latest findings of the research at Salmon, which has expanded and changed our view of the Salmon Pueblo and its role in the Middle San Juan region of northwest New Mexico.

Todd Bostwick will speak at the Feb. 8th meeting on "Hueco Tanks: Mogollon Paintings for Another World." The Hueco Tanks are located 32 miles northeast of El Paso and

feature more than 200 face designs or "masks" left by the prehistoric Jornada Mogollon culture.

On March 8th, Mark Hackbarth, from Logan Simpson Design, will discuss the surprising results from excavations under the slab of the Phoenix Civic Center. The excavations uncovered the remains of about 40 prehistoric habitations which include some of the earliest pithouses found in the Phoenix area to date.

On Sunday, February 4, Scott Wood, the Tonto National Forest Archaeologist, will lead a field trip to Azatlan, a large Pre-Classic, Hohokam pithouse village near the Verde River at the end of Rio Verde (Dynamite) Road. Among other features, this site contains three ballcourts. The trip will last several hours. Minimal walking over level terrain is involved. Remember, Contact Tom Harvey at 480-998-0035, or tbharvey@att.net for more information; information on Tom's trips may also be found on his website: <http://home.att.net/~tbharvey/>.

The Eagletail Mountains Petroglyph Hike took place on Sunday, Jan. 14th, the coldest day in Phoenix in several years, but once they got warmed up from the exercise it was really quite pleasant. They had 10 people, many of whom had been there before. In addition to the petroglyphs they found some bedrock mortars and a couple of pot sherds. The sherds were found by a part of the group that decided to take a shorter, cross-country route to the site instead of following the trail the whole way. Tom has posted a map showing the location of the Eagletail Mountains as well as pictures from the trip on his web site.

Remember to send your membership renewal to AAS, Phoenix Chapter, P.O. Box 61164, Phoenix, AZ

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More CHAPTER NEWS....

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85082-1164. Members who have not renewed by Jan. 31st will miss the March copy of The Petroglyph!

The 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 speaker to dinner at 5:30 pm at Monti's La Casa Vieja on Mill and Rio Salado in Tempe. If you are interested in having dinner with the speaker, please call or email Sylvia (480-497-4229 or ok2ws@aol.com) so that she can reserve a large enough table.

— Ellie Large

Rim Country Chapter



We continue to run MRCA, our Archaeological Museum and invite anyone coming thru Payson to stop by and enjoy its stories, while our artifact group headed by Mary Swanson, sorts, cleans and files. Dr. Penny Minturn, our Archaeology Advisor, is off in Egypt, digging up a storm. Sounds pretty exciting.

It sounded exciting as well for the Hunter/Gatherers who were the focus of Denise Ryan's talk about the archaic sites north of the Prescott area. You could almost see them looking over the Big Chino wash grasslands, spotting the big game below. From all the sites (28), arrowheads and points, it must have been great hunting. The survey groups even found Eden and Folsom points.

Harry Swanson outlined the first step in our new outreach program at the Payson Goat Camp Archaeological Park. A student group, under the guidance of Gila Community College Instructor Joe Shannon, is

programmed to discover and help design the paths for the Goat Camp Site. We are hoping to expedite this process for an early Spring Class credit. Approval and coordination with Tonto, SHPO, and others is our challenge.

Next month on February 10 at MRCA we look forward to resolution of that coordination and a presentation by Jeremy Haines on the cultural effects of the Rodeo-Chediski Fire: *After the Fire: The Effects of the Rodeo-Chediski Fire* should give us an idea just what fire does now, and how it might have affected the natives in 1000 AD. You are all invited.

— Bob Breen

Verde Valley Chapter



The Verde Valley Archaeological Society held its December meeting at the Keep Sedona Beautiful Building. In addition to the many culinary delights brought by our members for our Christmas Party, we were treated to the intellectual delight of Ken Zoll's presentation on *Archeoastronomy in the Verde Valley*, as practiced by the Sinagua. Ken discussed the possible meaning of many of the petroglyphs found at a number of Archeoastronomy sites, as well as possible important dates marked on various solar calendars.

After a couple of weeks off because of the busy holiday season, Marlene Conklin and her group of volunteers have resumed their activities at the Museum of Northern Arizona, assisting Dr. Wilcox with his many projects.

Jerry Ehrhardt and his team have resumed their site surveys in an area to the west of Thirteen-Mile Butte. Several sites have been found, as well as numerous artifacts and several

projectile points.

Our January meeting will be held on the 18th at the Sedona Public Library. Our speaker will be Michael G. Lyndon, whose topic will be *Points of Interest: Projectile Points of the Coconino Plateau*. Michael is the archaeologist for the Kaibab National Forest, and a staff member for the ongoing Say Ka Archaeological Project in Belize, Central America.

For more information, contact Bud Henderson (928-649-0412) or budandjoy@earthlink.net.

— Louise Fitzgerald

Yavapai Chapter



Yavapai Chapter has continued its partnership with Tom Motsinger and PaleoWest: Solutions in Archaeology. Most recently we worked in the old Dalke property, now being readied for development as Enchanted Canyon. Several burials, including a cremation, were discovered and a complete palette with incised border, which held the burned remains of a lizard. According to Tom Motsinger, traces of both the Prescott culture and the Hohokam were discovered. "They're both here intermingled," he said. "Oddly enough, they seemed to be kind of living together."

Our Christmas party was highlighted by Sandy Lynch and a talk on Woofers – Paleo-Indian dogs. She had spoken on this once before, so this was an update. For instance, it is now known that there is only a .2% difference between wolves and domesticated dogs, a smaller difference than exists between wolves/dogs and coyotes or jackals. This is a small enough difference that dogs and wolves can breed and be fertile while dogs cannot breed with coyotes or jackals. Usually the dog has a smaller

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brain than the wolf and the dog's teeth are often more crowded with a smaller carnassial (molar) tooth in the dog. It is Lynch's theory that dogs domesticated themselves by discovering that food was more easily available by scavenging garbage heaps than by hunting. However it happened, dogs were in the Fertile Crescent 12,000 years ago and dog burials have been uncovered in Iraq

dating from 9,000 years ago. As usual, the talk was filled with humor and accompanied with illustrations, both serious and amusing.

We will be offering the 8-week AAS Prehistory of the Southwest course beginning in early February. If you are interested, please contact Susan Jones for further information: sukeynaz@msn.com or 928-776-9085.

Our regular meetings are held on the third Thursday of the month at 7:30 pm in the Pueblo of the Smoki Museum. A dinner is usually held before the meeting with our speaker. For further information, call President Fred Krap at 928-778-0653, or Vice President Gloria Grimditch at 928-443-8881.

— *Mary I. S. Moore*

PERFORATED PLATES AND ROOSEVELT RED WARE

Patrick D. Lyons, Ph.D.

Arizona State Museum and Center for Desert Archaeology

Alexander J. Lindsay, Jr., Ph.D.

Arizona State Museum

Perforated ceramic plates have intrigued southwestern archaeologists since the late 1800s, when they were first encountered at the Classic period platform-mound sites of the Phoenix Basin and the protohistoric villages of the Hopi Mesas. This distinctive vessel form first appeared in the Kayenta region of northeastern Arizona and southeastern Utah sometime after A.D. 600 and became very common in that area by A.D. 1050-1150. Residues, contextual clues, and use wear suggest that perforated plates were used as base-molds in pottery making, and/or as potters' turntables. Southwesternists often refer to such tools by the Tewa term, *puki*. The results of recent sourcing studies demonstrate that after A.D. 1250 perforated plates were made in the southern Southwest. The local production of household tools - objects unlikely to have been copied by neighboring groups - represents compelling evidence of the presence of immigrants. Because perforated plates and other traces of northern immigrants are associated with evidence of local production of Roosevelt Red Ware ("Salado polychromes"), a strong connection can be made between groups of northern ancestry and the ceramic component of the Salado phenomenon. Migration was a key ingredient in the first models accounting for the dramatic changes that marked the shift from the pre-Classic period to the Classic period in southern Arizona. Early researchers attributed changes in ceramics, treatment of the dead, and architecture to an influx of northerners. Winifred and Harold Gladwin coined the term "Salado" to refer to a group of people who developed unique architectural and ceramic traditions in the Tonto Basin and eventually spread these traits through a series of migrations. As more data have accumulated, archaeologists have become increasingly convinced that many of the traits early workers insisted arrived in the Hohokam region from the north as a complex instead developed locally at different times and at different rates.

Patricia Crown has argued that Roosevelt Red Ware was produced by immigrant potters in an attempt to gain a more secure economic foothold among their host populations. Although Crown favors the idea that production quickly spread beyond the immigrants who developed it (in the context of a religious movement), she pointed out a way to frame an alternative argument: that the manufacture of these types remained tightly bound to immigrants and was spread as a result of waves of migration. Crown suggested examining the co-occurrence of key markers of northern immigrants, including perforated plates and Maverick Mountain Series pottery (Kayenta types made in the southern Southwest), and evidence of the local production of Roosevelt Red Ware.

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Petrographic data from the San Pedro Valley provide strong support for the inference that northern immigrants were responsible for both the origin and the spread of Roosevelt Red Ware. The same sands, located near immigrant enclaves, were used to temper nearly all of the perforated plates and Maverick Mountain Series pottery examined. These same sands are dominant among the Roosevelt Red Ware specimens subjected to analysis. The remainder of the Roosevelt Red Ware in the valley was produced almost entirely at sites built late in the sequence and likely occupied by the descendants of both local groups and immigrants. Preliminary results of more recent petrographic work strongly suggest local production of perforated plates, Maverick Mountain Series pottery, and Roosevelt Red Ware in the Tonto Basin, the Globe Highlands, and the Salt River Valley.

About the Authors

Arizona State Museum archaeologists Patrick D. Lyons, Ph.D., and Alexander J. Lindsay, Ph. D., are the authors of the article on perforated plates and Roosevelt redware in this issue. Both have done extensive work on the intriguing evidence of perforated plates and their relationship to Roosevelt redware as markers of the migration of northern immigrants into the southern Southwest. Dr. Lyons, who completed analysis of the Mills Collection with Dr. Anna Neuzil while both were associated with Center for Desert Archaeology, will present more information on migration and ceramics of the Safford area in the afternoon in the Lee Theater, Saturday, May 5th at the AAS State meeting.

Dr. Lindsay recently retired after serving as an advisor for almost 30 years on the AAS certification department. As Curator of Archaeology at the Museum of Northern Arizona and a research archaeologist at the Arizona State Museum, Dr. Lindsay pursued his research on the Kayenta region, Point of Pines, ceramics and population movements into southern Arizona. Dr. Lyons is Head of Collections and Associate Curator of Anthropology at ASM. He was a long term staff member of ASM's Homolovi Research Program and spent six years as a Preservation Archaeologist at Center for Desert Archaeology. Dr. Lyons received his B. A. and M. A. at the University of Illinois at Chicago and his Ph.D. in Anthropology at the University of Arizona.

More information on research by these two noted archaeologists may be found in the Fall 2006 issue of the *Kiva*, volume 72, Number 1, in the article "Perforated Plates and the Salado Phenomenon, which will soon be available as a corrected reissue.



Rock Art and Rafting in Southeast Utah

Rochelle Gerratt is coordinating a Sierra Club trip called "Rock Art and Rafting in Southeast Utah" from May 12-19, 2007. For the first four days they will take a leisurely 26-mile float down the San Juan River visiting rock art panels and ruins near the river. Part of a day will be spent sketching and recording a site for the BLM. The remaining days of the trip will be spent camping and visiting remote sites with a local archeology guide. For more information about the trip, contact Rochelle Gerratt at 520-696-0495, rgerratt@comcast.net, or see <http://www.sierraclub.org/outings/national/brochure/07075A.asp>

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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

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