
THE PETROGLYPH

Newsletter of the Arizona Archaeological Society

Volume 47, Number 9

www.AzArchSoc.org

May 2011

2011 Annual AAS State Meeting October 14-16, Benson, Arizona

When we decided last year to have only one official board meeting required each year, we wanted to ensure that the 2011 meeting was different, bigger and better! We have assembled the plans, and believe we have set the stage for a great meeting! See the schedule and the planned field trips on pages 3 and 4.

Our meeting will be held in Benson, 45 miles east of Tucson and is co-sponsored by the **Cochise Community College Benson Center** and **The Amerind Foundation of Dragoon** (15 min east of Benson, on I10). This will enable us to visit an area usually considered "off the beaten path". Saturday's events will take place at the Benson Campus of the College. The director of the museum, *John Ware, PhD*, will be our featured dinner speaker. His presentation is entitled "Why does deep history matter?"

An array of museum visits and field trips offer something for everyone's interest, from the origins of man in the southwest to the historic mining in the region. The State Board and Planning Committee would be pleased to see you there! For more information please look here: <http://www.azarchsoc.org/annualmeeting>.

--State Planning Committee

Nomination of the Historic and Prehistoric Components of Q Ranch to the National Register of Historic Places

The Q Ranch Project, under the direction of Dr. John Hohmann, has been busy this spring conducting oral interviews and gathering much additional documentation for the nomination of the historic and prehistoric components of Q Ranch to the National Register of Historic Places. Efforts will continue throughout the summer on this interesting and valuable project with the assistance of the Q Ranch owner, Jonathan Rogers, and the staff of the Q Ranch Project: Joan Clark, Peg Davis, Glen Dotson and Jerry Mead.

--Joan Clark

IN THIS ISSUE...

- 2 - Upcoming Events
- 3 - State Meeting Schedule
- 5 - Ceramics R&R Workshop
- 6 - Chapter News
- 8 - Chapter Meeting Calendar

Next deadline is noon on
Wednesday, May 18th,
for the **June** issue.

REMINDER

REGISTRATION IS DUE BY JUNE 1 FOR:

Elden Pueblo Alumni Field Sessions
Elden Pueblo Laboratory Techniques

See March & April issues for details or go to the website at:

[www.fs.fed.us/r3/coconino/about/districts/peaks/
elden-pueblo-project.shtml](http://www.fs.fed.us/r3/coconino/about/districts/peaks/elden-pueblo-project.shtml)

UPCOMING EVENTS

GUIDE TO LOCATIONS

AAHS	Arizona Archaeological and Historical Society. Meets in Duval Auditorium, Univ. Medical Center, 1501 N. Campbell Avenue, north of Speedway (www.statemuseum.arizona.edu/aahs/lectures.shtml) .
AIA	Archaeological Institute of America, ASU Tempe, Lattie F. Coor Hall, Rm 170
ASU	ASU Main Campus, Tempe, Anthropology Building, Room 340
CAASW	Conf. on Archaeoastronomy in the American Southwest, www.caasw.org/2011conference.html .
DVRAC	Deer Valley Rock Art Center, 3711 W. Deer Valley Rd, Phoenix 623-582-8007, dvrac.asu.edu .
IHO	Institute for Human Origins, ASU, Tempe, 727-6580, iho.asu.edu .
OPAC	Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson, 520-798-1201, www.oldpueblo.org .
MNA	3101 N. Ft. Valley Rd., Flagstaff, 928-774-5213, www.musnaz.org/ ,
PGM	Pueblo Grande Museum, 4619 E. Washington St., Phoenix 602-495-090, www.pueblogrande.com .
PGMA	Pueblo Grande Museum Auxiliary, www.pueblogrande.org .

May 4, 7:30 pm, PGMA, Phoenix, Lecture: *Archaeology and Ancient Urbanism: Aztec Cities, Maya Cities, but what about Pueblo Grande?* by Dr. Michael E. Smith, Prof. of Anthropology, ASU.

May 4, 10-11 am, Library Presenters, Sun Lakes, Lecture: *Set in Stone but not in Meaning: Southwestern Indian Rock Art* by Allen Dart, at the Ed Robson Branch Library, 9330 E. Riggs Road, Sun Lakes, for the Sun Lakes Friends of the Library. Free.

May 11 & 25, 2-2:30 pm, PGM, Phoenix, Tour: *Behind the Scenes Tour* with Curator Holly Young.

May 14, 9:30-10:30 am, Tucson, Lecture: *Archaeology and Cultures of Arizona* by Allen Dart, for annual Ironwood Festival at Tucson Audubon's Mason Center, 3835 W. Hardy Road (at Thornydale Rd.), Tucson. Cosponsored by Arizona Humanities Council. Free.

May 14, 2-3 pm, Library Presenters, Arivaca, Lecture: *Ancient Native American Pottery of Southern Arizona* by Allen Dart for the Pima County, Public Library at the Caviglia-Arivaca Branch, Arivaca.

May 16, 7:30 pm, AAHS, Tucson, Lecture: *Then and Now: Then and Now: Lessons from Mimbres* by Margaret Nelson, ASU Prof. of Anthropology. For more information go to the website: <http://www.az-arch-and-hist.org/2010/09/margaret-nelson-then-and-now-how-archaeological-knowledge-can-inform-the-present/>

May 18, 1:30-3 pm, Library Presenters, Tucson: Lecture: *Ancient Native American Pottery of Southern Arizona* by archaeologist Allen Dart for Pima County Public Library at the Mission Branch, Tucson.

May 19, 6-8:30 pm, OPAC, Tucson: Third Thursday Food for Thought Dinner & Free Presentation: *The Ballcourt Society and the Ritual Creation of Hohokam Culture* with archaeologist Henry D. Wallace at The Loop Taste of Chicago Restaurant, 10180 N. Oracle Road, Oro Valley.

(Order your own dinner from the restaurant's menu). Reservations are due by 5 pm Wed., May 18, 520-798-1201 or info@oldpueblo.org

May 30, 6-7:30 pm, Southwest Seminars, Santa Fe, Lecture: *Ancient Native American Pottery of Southern Arizona* by archaeologist Allen Dart at the Hotel Santa Fe, 1501 Paseo de Peralta, Santa Fe, NM. \$12 at the door or \$88 for the series of 11 lectures. No reservations needed. For meeting details contact Connie Eichstaedt or Alan Osborne in Santa Fe at 505-466-2775 or southwestseminar@aol.com or go to <http://southwestseminars.org/SouthwestSeminars.org/Lectures.html>.

June 11-12, 9am – 5 pm, MNA, Flagstaff, Auction: *2011 Semi-Annual Navajo Rug Auction* at the Coconino Center for the Arts. Public Preview 9 am-1 pm, Auction 2-5 pm on both dates. Each auction will feature over 200 vintage and contemporary Navajo weavings from artists, consigners, and the R. B. Burnham & Co. Trading Post. Consignments will be accepted for both auctions. Artists and other consigners are invited to bring their Navajo weavings to the MNA from Wed., June 8 through Friday, June 10. Experts will be on hand to view and select weavings.

June 16-18, 2011 CAASW Conference, Albuquerque: *Astronomy and Ceremony in the Prehistoric Southwest Revisited* at the University of New Mexico Hibben Center for Archaeological Research. Registration is now open. See their web site at <http://caasw.org/2011Conference.html>.

June 22-24, Tucson, Conference: *The 9th Annual Arizona Historic Preservation Conference* at the Marriott University Park Hotel. Registration has officially begun! Register early for best savings and to ensure your place at the Historic Preservation Conference in June. Don't forget to reserve your hotel accommodations at the University Park Marriott Hotel. If you are a member of Arizona Preservation Foundation, Arizona Historical Society, or Arizona Archaeological Council, you may receive additional discounts! Go to their website: <http://azpreservation.com/regstart.aspx>



2011 Annual AAS State Meeting October 14-16, Benson, Arizona

<http://www.azarchsoc.org/annualmeeting>

Registration form will be available in June *The Petroglyph* or on the web by June 1st

SCHEDULE

Friday, October 14

4:30 pm Officers Meeting at **Butterfield RV Resort Banquet Hall**
251 S. Ocotillo Avenue, Benson, <http://www.rv-resort.com/> (800)863-8160

Saturday, October 15

State Meeting at **Cochise College Benson Center**, <http://www.cochise.edu>
1025 S. Highway 90 (2.3 mi. south of I10; look for sign on east side of road)

8 am Registration, breakfast goodies, field trip sign-up, Silent Auction Opens

9 am Business meeting

Noon Box Lunch pickup

Field trips and Museum visits (see sign-up sheets at registration)

5:45 pm Silent Auction Closes

6 pm Dinner

7:30 pm Dr. John Ware Speaker Presentation

Sunday, October 16

Field Trips (see sign-up sheets at registration)

LODGING

HOTELS (discounts available – mention AAS):

Butterfield RV Resort & Observatory

251 S. Ocotillo Avenue, Benson <http://www.rv-resort.com/> (800)863-8160

Small planetarium complete with astronomer, open for our group at night
RVs, motor homes, trailers, pop-ups, etc., (no tents); \$35, including tax

Desert Rose Inn

630 S. Village Loop, Benson <http://www.desertroseinnaz.com> (866)943-4970

Mention AAS and receive rate of \$79+tax, includes Breakfast

OTHER HOTELS (no discount available):

Best Western Plus (Quail Hollow Inn)

699 N Ocotillo Road, Benson (South of I10 at Exit 304) (520)586-3646

<http://www.bestwesternarizona.com/benson-hotels/>

Days Inn

621 W. Commerce Dr., Benson (North of I10 at Exit 304) (520)586-3000

<http://www.daysinn.com/DaysInn/control/home>

CAMPING (no discount available):

Kartchner Caverns Campground

6 mi. south of Cochise College on State Highway 90 (520)586-2283

<https://azstateparks.itinio.com/kartchnercaverns/campground>

KOA Campground and Kabins

180 West Four Feathers Lane, Benson (520)586-3977

<http://koa.com/campgrounds/benson>

(Continued on page 4)

(Continued from page 3)

SATURDAY SILENT AUCTION:

Have an item you would like to contribute to the Silent Auction?

Notify **Carolynn Walter**, Rim Country Chapter, by **Sept. 15** at WaltCarolAZ@aol.com or 928-474-4419

Please fill out form here: <http://www.azarchsoc.org/annualmeeting>

Include the minimum bid and bring with the item to Saturday Registration. Thank you!

FIELD TRIPS:

Saturday afternoon and Sunday full day

The Amerind Foundation Museum, 2100 N. Amerind Road, Dagoon, <http://www.amerind.org>

Anthropological and archaeological museum, research center for Native American cultures and their histories

Council Rocks West Stronghold,

In 1872 Cochise signed a treaty ending the first years of warfare between the US and the Chiricahua Apaches.

Moderate climb to site; Dirt road access; <http://www.cochisestronghold.com/>

Coronado National Memorial

Commemorates the first organized expedition into the Southwest by Europeans. Easy access, short hike to overlook. <http://www.nps.gov/coro/index.htm>

Dragoon Springs Butterfield Overland Stage Coach Stop

Route through Arizona in the pre-Wells Fargo days. Site of the only Confederate cemetery in Arizona. Ruins and a few rock walls. High Clearance vehicle needed to reach site.

http://www.bensonvisitorcenter.com/vrack_broc/draoonbutterfieldstage.pdf

Bisbee Mining & Historic Museum / Camp Naco / Greenbush draw

The mining town of Bisbee got its start in the boom days of the early 1880s. It still retains the architecture from that era and the museum, a rural affiliate of the Smithsonian, preserves that history. Camp Naco marks the US response to the Mexican Revolution, when troops were placed on the border to prevent the battles from crossing over.

Lehner Ranch Site and Murray Springs

Two of the most significant early man sites in the region. Moderate hike with uneven terrain.

<http://www.archaeology.org/9803/newsbriefs/clovis.html>

Presidio Santa Cruz de Terrenate

Significant archaeological and historical site in the San Pedro Riparian Area, one of the farthest northern outposts of the Spanish empire in Arizona, the presidio was occupied from 1776 to 1780. Moderate hike, two miles round trip.

<http://www.discoverseaz.com/History/Terrent.html>

Davis Ranch site/Ball court

The Davis Ranch site is on the San Pedro River across from the Reeve Ruin; see Glyphs, Jan. 2008, pp. 6-7 for more information: http://www.az-arch-and-hist.org/pdf/glyphs/glyphs-2008-58_07-january.pdf.

Ft Huachuca - Garden Canyon

Early farming peoples lived at the canyon mouth, their village was the site of a long term excavation in the 1990s. At the head of the canyon, later residents left rock art panels. Easy access. On Fort Huachuca military reservation. Proof of citizenship, car title and insurance required.

Fort Bowie National Historic Site, occupied 1862-1894

Commemorates the bitter conflict between Chiricahua Apache and U.S. military. 3-mile round trip hike with some steep sections. <http://www.nps.gov/fobo/index.htm>

Q RANCH CERAMIC RECONSTRUCTION & REPAIR WORKSHOP:



The Phoenix Chapter is offering a 5-day workshop on the ceramic reconstruction and repair 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 both the basic skills of artifact repair and restoration and 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, which includes a shared room (\$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.

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.

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. For room reservations, contact Jonathan Rogers, Q Ranch Lodge, Young, AZ, qranchlodge@earthlink.net or call (928) 970-0596.

Q RANCH WORKSHOP REGISTRATION FORM

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

___ **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

(Phoenix membership fee due with application: \$40 Family, \$35 Individual, \$33 Student)

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email _____

\$ _____ Fees

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

\$ _____ Total Enclosed

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

CHAPTER NEWS

Agave House Chapter



The Chapter met at the Black Mesa Ranger Station on March 23rd with ten persons in attendance. In the absence of President Ralf Kurzhals, the meeting was conducted by Vice-President Ben Mixon.

The topic of our program by Ben Mixon was archaeoastronomy and included the presentation he will make in June at the Conference on Archaeoastronomy of the American Southwest at the University of New Mexico, Albuquerque.

Prehistoric peoples kept an archaeological record of the stars on a north-south axis in rock art, with Polaris (also known as the North Star or Pole Star) as a center point. Symbols in these petroglyphs usually coincided with the solstices and equinoxes. One such site is between Casa Grande and Yuma. Some stars appear to orbit around the North Star once each night, and five constellations (Ursa Major, Ursa Minor, Cassiopeia, Draco and Cepheus) move about one degree each night. Two photos (one in New Mexico and one near Holbrook) show recordings of celestial movements.

In rock art, humans were depicted as stick persons. A stick person lying down represented a dead person. One animal depicted with elongated nose and a long tail appears to be a coatimundi, a member of the raccoon family, that inhabits the southwest. Tribes made talking sticks with symbols beginning at the center and added to yearly. Some talking sticks are known to be 72 years old, showing four 18-year moon cycles.

The next meeting is Wednesday, April 27, at the Black Mesa Ranger Station at 6:30 pm Those who choose may join us for dinner at 5 pm at the Wild Women's Saloon, Bison Ranch. All are welcome.

--Virjean Svoboda

Agua Fria Chapter



Our April meeting featured Don Nelson of the Hopi tribe. Mr. Nelson is of the Massau Fire Clan from Old Oraibi on Third Mesa from his mother. From his father of Walpai he is linked to the Rabbit and Tobacco Clans. His parents met at the Santa Fe Boarding School and Don was born and raised in Prescott with no knowledge of "Hopi". He learned Hopi customs as an adult from his maternal uncle who taught him the Hopi language and burial customs. The Massau Fire Clan takes care of the spirit of the dead and provides burial services for the Third Mesa. There are 35 Clans and those who live on the First and Second Mesas have different burial rituals.

Don accompanied his presentation with hand-woven garments used in ceremonies and in burials. "Death" does not exist in the Hopi universe; we (us and the Hopi) entered in this, the fourth world in balance. We were given a brain with which to think, reason and make choices...his word for this was "oops!" Maski is the Hopi spiritual world and is in the Grand Canyon. Before

we are allowed into Maski, one has to present his life force. A burial must be within four days. A new name is given the spirit to be recognized and let into Maski. Garments given to a bride and groom are their burial shrouds. Men get a large coiled basket at marriage and the spirit must take this basket on the journey to the Canyon and then ride it down to Maski. Women are given a woven bridal shawl at marriage, which is made by the groom. This shawl must be carried to the rim by the spirit and ridden down into the canyon to Maski. Unlike the Navajo, males do all weaving at Hopi.

The body is buried with food, water, the above personal items along with others and a digging stick with feathers is placed on the grave. Graves are not placed in a "cemetery" but are instead placed where the family chooses and no one visits the grave after the fourth day ever again.

This presentation was fascinating and Don was an excellent speaker. The samples of hand-woven garments were passed throughout the audience and examined with great admiration and reverence. Mr. Nelson graciously agreed to be a guide when our Chapter schedules a field trip to Hopi next fall.

Our speaker for the May 10th meeting will be Jan Barstad and her topic will be *Newport Tower—An Early Viking Watchtower*. Also at the May meeting for 30 minutes before the start of the session, our own Lori Hines will be selling and signing her new book *The Ancient Ones*. The book will sell for around \$15 so bring your checkbook!

Our field trip to the Sharlott Hall Museum was cancelled but we will be taking a hike with the Yavapai Chapter on April 23rd. Also, the Pierpoint Team enjoyed a wonderful day with Rick and Sandy Martinec who so graciously conducted a ceramic identification workshop on Lower Colorado Buffware. This was badly needed and a great big THANK YOU goes out to Rick and Sandy. We benefitted greatly from their time and expertise.

Our booth at the Archaeological Expo at the Deer Valley Rock Art Center was well attended and was a smashing success. We garnered three new members at the Expo and added another as well at our April meeting.

The May 10th meeting is our final one of this season and, as always, all AAS members are invited to the Glendale Public Library on Brown and 59th Avenue at 6 pm.

--Sandy Haddock

Desert Foothills Chapter



The guest speaker for our April meeting was from the Arizona Humanities Council. Geologist and author Wayne Ranney gave a terrific presentation on the geologic history of the Colorado Plateau, made more interesting by his specific discussion of Cave Creek and how it used to be beach-front property. Wayne explained why fossilized clam shells can be found at 8000 feet and why we see all those layers in our rock formations. He re-

(Continued on page 7)

...More CHAPTER NEWS....

(Continued from page 6)

vealed that metamorphic and igneous rocks form the foundation of the Colorado Plateau. He showed beautifully detailed maps that told the story of the formation of the earth, with particular emphasis on the Southwest. This evolution began about 1,750 million years ago, with our present landscape forming nearly 65 million years ago. For those who missed this informative talk, his book on the topic is called *Ancient Landscapes of the Colorado Plateau*, and it is currently on sale at Amazon.com.

Out and About

This month we are pleased to announce a combined Flagstaff hike and a tour of the Museum of Northern Arizona (MNA). On Wed., May 25th, at 10 am, we will be hiking with Dr. David Wilcox, who will take us to the Winona and Ridge Ruin sites. The individual fee is \$5. These sites are very close to town and if time permits, other sites might be visited. Hikers will be meeting at the SE corner of the Flagstaff Walmart. The following day, Thurs., May 26th, at 4 pm, we will be treated to a behind-the-scenes tour of the award winning Eaton Collection Center at the MNA. The tour, which will be about an hour, will be led by Dr. Robert Breunig, Director of the MNA. The individual cost for the tour is \$10 and prepayment is required. Please contact Joan Young at joanpyoung@msn.com for more information and to reserve your place for one or both of these events.

Blue Wash Field Trip

The Blue Wash site in Tonto Hills was visited by about a dozen members last month. DFC Member Grace Schoonover led the tour and was joined by the homeowner, Frank Casanova. They showed the group around the site and visited each of the five room blocks, with special attention to the upper room blocks. The DFC has held field schools and given many field trips to this beautiful site and we are going to be actively involved in making sure that the hundreds of artifacts that have been collected over nearly 30 years of archaeology will be properly curated. We have received a very generous and anonymous donation of \$5,000 earmarked for curation of these artifacts, which are now housed at Pueblo Grande Museum. The museum has promised to include an exhibit about this site at a future date. Opportunities for member involvement will be forthcoming in the fall. Anyone wishing to donate toward this project should contact Mary Kearney at maryk92@aol.com.

Upcoming Classes

Sandals Workshop: The Sandals Workshop, previously scheduled for early April, has been rescheduled for Thursday, May 7th. The time and place remain the same. Please contact Mary Kearney at maryk92@aol.com if you have any other questions.

Prehistory of the Southwest: This overview of Southwest archaeology will be taught by Doss Powell, bioarchaeologist and instructor at Paradise Valley Community College. There are four lectures and one field trip. Lectures are on Thursday evenings, from 7-10 pm, beginning Sept. 15 and ending Oct. 6. The field trip is planned for Sat., Sept. 24th, with exact details TBA. The cost is \$75 and it is only open to AAS members. This class may be taken for certification. To enroll in this class or for more information, please contact Mary Kearney at maryk92@aol.com.

Advanced Southwest Archaeology: This is an advanced class that will study one of the four major cultural groups of the Southwest. Taught by Doss Powell, this class will meet on four consecutive Thursdays, from 7-10 pm beginning Oct. 13th. The field trip is planned for Oct. 22nd. The cost is \$75 and the class may be taken for certification. **NOTE:** You must have taken the Prehistory class at some point in order to enroll for the Advanced course. Contact Mary Kearney at maryk92@aol.com for more information or to enroll.

We regret that the Geology Workshop that was cancelled in March will not be rescheduled at this time. Our certification chair, Mary Kearney, is trying to work out a possible fall reschedule of the workshop as well as a geology class that can be taken for certification.

This month our thoughts are with DFC member and bioarchaeologist Doss Powell who will be defending his doctoral dissertation. We are confident that we will soon be addressing him as Dr. Powell! We would also like to congratulate one of his Paradise Valley Community College students and one of our student members, Theresa Shannon. Theresa was just named a Coca-Cola Community College Academic Team Scholar, winning a \$1,250 scholarship. Theresa competed against 1600 other students from 37 states. Congratulations, Theresa and we wish you continued success at ASU!

Our May chapter meeting traditionally begins with a dessert potluck. Members are invited to bring their favorite dessert to share. This month, we are fortunate to have not one, but two archaeologists as our guest speakers. Chapter archaeologist Scott Wood will be joined by ASU Assoc. Prof. of Anthropology, David Abbott, to talk about the recent ceramic collections by our chapter at Perry Mesa and Seven Springs. The title of the talk will be *Desert Foot-hill's Ceramic Analysis: Probing the Verde Confederacy on Perry Mesa*. The ceramic collection and the future microscopic analysis are being conducted as part of a joint research project to trace the trade and migration patterns of the cultures living in the Verde Valley, Perry Mesa and Cave Creek areas. Results of the collection will still be preliminary by the time of the meeting but the pair plan to discuss in detail the Verde Confederacy Model and the field work done by ASU on Perry Mesa. The DFC would like to invite any interested DFC members to join both the archaeologists and board members at our pre-meeting dinner, held at 5 pm at the Tonto Bar and Grill. Please contact Kathryn Frey at kfrey29@gmail.com to make a reservation if you plan to attend.

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. Meetings begin at 7 pm and are open to the public.

President Paddi Mozilo would like to thank all those who helped to make this past season a success. Our membership is growing and we greatly appreciate your participation in our events. We wish all our members a safe and happy summer! We will begin the fall season on Sept. 14th with a PowerPoint by historian Tom Kennedy about the history of the Zuni culture. We look forward

(Continued on page 8)

...More CHAPTER NEWS...

(Continued from page 7)

to seeing you this September for more hikes, lectures and archaeological adventures!

--Holly Bode

Little Colorado River Chapter



After a busy March, and before our equally busy summer, we coasted a month and were invited by Paul Yoder of the El Malpais NCA to participate in their April events which included: Art Walk (Apr. 10), Casamero Van Tour (Apr. 20), and "Volcanoes & Petroleum" (Apr. 23). Paul can be reached at (505) 287-6607. Our April 18th meeting hosted speaker Iva Lee Lane who spoke of recent discoveries of PIV sites at the Petrified National Forest. She gave a wonderfully descriptive interpretation of how this final Pueblo phase is a "watershed in time" as the inhabitants are recognizable as the predecessors of today's Pueblo people. Human elements, such as the draw of family or better resources, were presented as reasons for migration along with the customary abandonment theories. Settlement clusters were shown and specific examples given which could support various reasons behind activities at sites within the cluster. Her visuals and maps gave a very comprehensive view that assisted us in understanding the topic. Casa Malpais is another PIV site and her maps assisted in showing how it was part of the cluster.

We are joining the Homolovi Chapter for a tour of the Rock Art Ranch (also known as Chevelon Steps) on May 15; be sure to bring your sunscreen, camera and plenty of batteries! This remote site is privately owned and has, thus far, remained in wonderful shape. There are several truly unique petroglyphs there. Iva Lee shared that a U of A field school will be working the site this summer.

June 20 speakers are Dennis and Sky Roshay. We were able to meet them during the Keyhole Sink trip last month and hope to be premiering a new presentation of rock art tone poem set to music. Either way, we anticipate their visit. We are also planning our Big trip of the year (June 24-28) to the 9 Mile Canyon area of Utah, with a sprinkling of other local areas of interest to round out the journey. Given liability issues, this will be a members only event.

Arrangements for other speakers are still in process but activities are scheduled as follows: July 10 – Golf Course glyph walk; Sept.– local glyph tours with Roxanne Knight; early Oct. – Canyon de Chelly weekend; Nov. 5 – Apache Creek, NM; .Dec. 11 – Annual Christmas party at the Anderson's. Our regular meeting is the 3rd Monday each month, but contact Carol Farnsworth for more information at (928) 333-3219 or farnsc570@gmail.com.

--Suzanne Trezise

Phoenix Chapter



April 14th Meeting: Chapter member Jim Britton, the leader of the PGM Mudslinger Project and our AAS expert on stabilization, gave us an overview of the work done by the AAS crew on the Homolovi Stabilization Project last fall at the Homolovi Ruins

State Park outside of Winslow, Arizona. The presentation was very informative, with great photographs showing the condition of the ruins before and after the work was done, and a good explanation of the problems caused by weathering and the technology used to counteract the weathering.

May 12th meeting: Geoffrey Clark, Ph.D., a Regents Prof. of Anthropology at ASU, will be our speaker, on *Human Origins from the Miocene to the Pleistocene*. An archaeologist and paleoanthropologist, Dr. Clark is the author, co-author or editor of over 250 articles, notes, reviews and comments, and 11 monographs and books on human biological and cultural evolution in the past four million years. A University of Chicago Ph.D. (1971), Clark has done fieldwork in Arizona, Mexico, France, Spain, Cyprus, Turkey and Jordan. His research interests include the logic of inference underlying knowledge claims in the various aspects of modern human origins research, European Mesolithic forager adaptations, and the peopling of the Americas. Clark has headed the Archeology Division of the American Anthropological Association (AAA) and the Anthropology Section of the American Association for the Advancement of Science (AAAS). He lectures on race, racism and ethnic conflict; the evolution of human mating; the conflict between religion and science; human evolution; and modern human origins.

Field Trips: The MCC Planetarium field trip, rescheduled from its original Feb. 25th date, finally took place on March 18th at 5:30 pm. Twelve members enjoyed a tour of the facility and two great programs, one on the Stars of the Pharaohs and one on the Maya. In addition, Asst. Director of the ASU Museum of Anthropology, Peter Banko, set up a tour of their current exhibit, *Choosing a Future with Water: Lessons from the Hohokam* on April 13th. Because the offer came after our March meeting and the exhibit was scheduled to close on April 15th, the day after our April meeting, members were notified by email. The consulting archaeologist, Dr. David Abbott, gave ten of us an overview of the research on which the exhibit was based and stayed to answer questions about the exhibit.

Classes:

Archaeological Recording Class: John Hohmann is 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. See the March Petroglyph for details and the registration form.

Ceramic Reconstruction and Repair Workshop: John Hohmann will also conduct this workshop at Q-Ranch the week of June 20-24. See the March Petroglyph for details and the registration form.

Upcoming Meetings: The September meeting date has been moved from Sept. 8th to Sept. 15th so that everyone can attend the Institute for Human Origins' 30th Anniversary Celebration at ASU.

The Phoenix Chapter meets on the 2nd Thursday of each month in the Pueblo Grande Museum Community Room, 4619 E. Wash. St. in Phoenix, starting at 7:30 pm. We usually take the evening's speaker to dinner at 5:30 pm at the Ruby Tuesday Restaurant on 44th Str. and Wash. If you are interested in having dinner with the speaker, please call or email Marie (480-827-8070 or mbrbit@cox.net) so that she can reserve a large enough table.

--Ellie Large

....More CHAPTER NEWS....

(Continued from page 8)

Rim Country Chapter



The Rim Country Chapter has been experiencing a great slate of guest speakers this Spring. For our May meeting (Sat., May 21st) we will host Steve Hayden, who will be discussing the recent release of a new book on his father, archaeologist Julian Hayden. *Field Man: Life as a Desert Archaeologist* chronicles a time in early Arizona archaeological history and is the product of years of interviews with Hayden conducted by his colleagues and friends Bill Broyles and Diane Boyer. It is introduced by noted southwestern anthropologist J. Jefferson Reid, and contains an epilogue by Steve Hayden. Several chapter members met Steve on last year's trip to Keet Seel, where he volunteers as a site host and interpreter in the backcountry of the Tsegi River canyon. We are looking forward to his visit.

Probably as a result of the quality activities and great speakers in our program we have increased our membership by 10 to 15% over last year. This is truly great news for our chapter; there is no shortage of need for active volunteer labor in our area. Coming up is a Risser Ruin clean up day and the pending execution of a stabilization plan for Goat Camp ruin.

Rim Country Chapter trips and activities coordinator, Ed Spicer, is organizing a visit to Hopi mesa in June (date to be determined). The trip will include a visit to the Hopi Culture Center, Hopi Art viewing and village tours with Bonnie Secakuku. Members interested in participating should contact Ed at flybynight67@msn.com.

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, Publicity Chair



San Tan Chapter

The San Tan Chapter welcomed Dr. Connie Stone, Ph.D. from the Bureau of Land Management (BLM) as our featured speaker at our April 13^h meeting. Dr. Stone is a career professional who began as an archaeologist for the Phoenix District Office of the BLM. She was as one of the leaders of the planning team that prepared the resource management for the Agua Fria National Monument (AFNM) from its beginnings in 2000 and including a larger area of central Arizona. Currently, Dr. Stone continues with the BLM in historic preservation compliance and the environmental impact statements for proposed wind farms and solar power plants in Arizona.

Planning and Managing the Archaeology & Cultural Resources of the Agua Fria National Monument began with an overview of this magnificent area, which comprises 70,000 acres approx. 40 miles north of Phoenix. The BLM received the land and the area was designated a National Monument by President Clinton in 2000. In addition to being of significant archaeological interest, the AFNM is also a vital resource conservation area for plant and

animal life, including Pronghorn Deer, Taboza grass and species of native fish in its canyon springs and streams.

The area consists of canyon lands and mesas that were home to various native populations in large numbers from 1250 to 1450 A.D. The population of the entire Perry Mesa area has been estimated at 3,000 inhabitants. There are the remains of 10 distinct villages, all within a day's walk of each other, suggesting an environment of interacting groups. The larger pueblos ranged from 60 to 200 rooms (with 60 at Badger Springs). The aerial views shown demonstrated the existence of irrigation and farming terraces throughout the area. Theories vary on the reason for the consolidation of villages and people for this region in the time it was inhabited. The presence of walled stone lookouts and forts points to the settlements and the geography as providing a defensive advantage for its people. Strong trade with other tribes is evidenced by the artifacts found, including Hopi Yellow Ware, turquoise and macaw bones.

Dr. Stone also referenced the work of Dr. Wilcox, NAU, and the efforts including the "Legacies on the Landscape". For 8 years, this collaborative effort between ecologists and archaeologists continues to research and analyze areas, including how the native people lived on the land, how they cultivated it, and what types of food were eaten and grown (i.e. 3 types of agave, including one hybrid). At Pueblo La Plata, Dr. Wilcox's studies include utilizing pottery sources, agave cultivations, farm terraces and pueblo architecture to inform their approach.

An extensive amount of rock art is found within AFNM with much of it in the form of petroglyphs of quadrupeds. The Rock Art Recording Project revealed over 250 examples, many with human figures shown with "big hands and big feet" characteristic of many petroglyphs found in the area. Some of the most spectacular rock art (the red deer) is found near the Squaw Creek Ruin, in the adjacent Tonto National Forest. Dr. Stone mentioned Chapter member Henry de Jonge's keen interest in archaeoastronomy and spoke to his ongoing investigation of a specific AFNM petroglyph. Henry is currently hypothesizing the relationship between the content of this petroglyph and the astronomical details of a well documented supernova event which occurred nearly a thousand years ago.

There are also numerous "race tracks" adjacent to the villages. These straight paths (tracks) are generally one quarter to one half mile in length and have been associated with ceremonial activities. A number of "race tracks" were revealed as a result of controlled burning within the AFNM.

Dr. Stone described how very few of the sites within the AFNM have been archaeologically excavated. The BLM has sought, instead, to leave the ruins intact and focus on a more interpretive plan for visitors by providing interpretive and illustrative signage immediately adjacent to the sites and to "maintain the ruin as it is". To date, approximately 40% of the "roads" have been closed for the benefit of greater control and limitation of access to the AFNM sites to minimize vandalism.

(Continued on page 10)

....More CHAPTER NEWS....

(Continued from page 9)

The role of public partnerships was underscored in the overall success and resource protection within and for the AFNM. These resources include the invaluable role of Site Stewards, the contributions of volunteers, numerous AAS Chapters, and the Tribes, including the Yavapai, Hopi, and the Ak-Chin. For more information we are all encouraged to visit the "Friends of the Agua Fria National Monument" at aguafriafriends.org.

Please note that the May 11th meeting will be the Chapter's last meeting before the summer hiatus. A free potluck supper will be provided starting at 6 pm, so come on out before we break for the summer! Our featured speaker will be Will Russell, from the Race Track Project at ASU, presenting the "Agua Fria Race Tracks". The San Tan Chapter meets at 7 pm, the second Wednesday of each month at the Queen Creek Historical Society Museum (the old Rittenhouse School) located on the southeast corner of the intersection of Ellsworth and Queen Creek Roads in Queen Creek. (480) 987-9380

Peg Lynch



Santa Cruz Valley Chapter

Our April speaker was Dr. Eric Eugene Klucas, Senior Manager in the Environmental Planning and Cultural Resources Division at Tierra Right of Way Services, Ltd., in Tucson. Eric's presentation focused 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. A.D. 500-700), including social organization, cultural affiliation, and water control technology. Of particular interest was his discussion of the Silverbell-Coachline project, which suggests that a Hohokam community organized around a large cemetery area was maintained on the site over the course of several hundred years.

Our spring lecture series concludes on May 12 with a presentation by Monica Young of the Arizona State Museum, entitled *San Agustin del Tucson Mission and its Impact on the Indigenous Community*.

---Alan Sorkowitz



Verde Valley Chapter News

The April 28th meeting will feature our Distinguished Speaker, Dr. Stephen Lekson, at the Creative Life Center in Sedona, at 7 pm. Most of Dr. Lekson's archaeological field work has been in the Mogollon and Anasazi (Ancestral Pueblo) regions, but he has also worked in the Rio Grande, Hohokam, Jornada and Casas Grandes areas. His principal interests are human geography, built environments, and government. His current research projects have 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.

Our May meeting will be at 7 pm on the 26th at the Sedona Public Library. Our speaker will be Dr. Ted Neff, Archaeological Projects Principal Investigator, for the Museum of Northern Arizona, at Flagstaff. He will speak to us concerning the findings of the surveys that were conducted at the Walnut Canyon Monument.

Jerry Ehrhardt's Site Survey Team will be finishing the work at Hackberry Basin, and investigating some interesting ruins near West Clear Creek.

Upcoming field trips will include the Fortress Site in the Village of Oak Creek, off the Hot Loop Trail. This site has petroglyphs, walls with windows, and pit houses. Attention: Don't forget to sign up for the Hopi bus trip on June 7.

The Verde Valley Archaeology Center has leased office space in the Fort Verde Plaza, Camp Verde. The space is currently being renovated. A ribbon-cutting and Grand Opening is being planned for May 6 at 5:30 pm, that will include a Silent Auction. There will also be a ticketed wine and cheese event following the ribbon-cutting. Details of the Grand Opening will be posted on the Center's website (www.verdevalleyarchaeology.org) soon.

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

--Louise Fitzgerald

Yavapai Chapter



Archaeologist David E. Purcell challenged our chapter to look at the ceramics of this area in a different light with his April 21st presentation titled *Three Sides to a Ceramic Tradition: Understanding The Pottery Of West Central Arizona*. As part of his work on an extensive survey for SRP, he and his team were able to do an in-depth analysis of both plain ware and decorated ceramics. What they found did not match the traditional descriptions of San Francisco Mountain gray ware, Prescott gray ware and Tizon brown ware, leading him to ask the question, is there perhaps only one ceramic tradition in West Central Arizona? Should Colton's ideas on the Patayan be revisited? Dave is currently Project Manager/Principal Investigator with Four Corners Research at their Flagstaff office. He has twenty years' experience and his main interest is prehistoric pottery technology.

Our May 19th speaker will be Charly Gullet on *Engineering Chaco, Anasazi Design Rules on the Chaco Meridian*. Building on the work of **Stephen H. Lekson**, author of *The Chaco Meridian: Centers of Political Power in the Ancient Southwest*, Charly has researched the theory that prehistoric geometry (design rules) formed the basis of community planning in the Anasazi landscape and the construction of Great Houses at Aztec Ruin, Chaco Canyon and Paquime. There will be a book signing of his latest publication on this topic after the meeting. Retired from Intel as a senior technical writer, Charly spent most of his life as a self-taught applications engineer specializing in Robotics, Digital Instrumentation and Analog Computer Design.

(Continued on page 11)

....More CHAPTER NEWS....

(Continued from page 10)

Field trips are conducted on the 4th Saturday of the month. Our April field trip features a strenuous climb to a petroglyph site at the headwaters of the Verde River near Paulden. There are several panels of glyphs including unique animal and geometric images, and some anthropomorphs and other figures. For our May 21st field trip, Pete Reilly will lead an outing to the Turkey Creek area near Cleator. It will require about 4 miles of hiking to view four locations of petroglyphs, an artesian well, two pueblos, caves, and mining areas with historic buildings. We'll have an easier walk in

June with a visit to the Fitzmaurice Ruin, a 27-room hill-top pueblo located in Prescott Valley's Fain Park.

On April 16th Yavapai Chapter members Ginger Johnson, Fred Kraps, and Mark Millman led three tours of the Willow Lake Pit Houses as part of the "Get Out...Get Into It" event sponsored by the Audubon Society, The Highlands Center for Natural History, Prescott Creeks and the City of Prescott. Artifacts brought by Mark were especially popular with the younger attendees.

--Susan Jones

CHAPTER MEETINGS

<u>Chapter</u>	<u>Location</u>	<u>Date & Time</u>	<u>Membership</u>
Agave House	Black Mesa Ranger Station Conf. Rm. 2748 Hwy. 260, Overgaard	4 th Wed., 6:30 pm	Gloria Kurzhals 928-536-3056
Agua Fria	Glendale Public Library Auditorium 59th Avenue & Brown, Glendale	2 nd Tues., 6-7:45 pm Sept. thru May	Chris Reed 623-561-9161
Desert Foothills	The Good Shepherd of the Hills Community Building, 6502 E Cave Creek Rd., Cave Creek	2 nd Wed., 7 pm Sept. thru May	Glenda Simmons 928-684-3251
Homolovi	Winslow Chamber of Commerce 523 W. 2nd Street, Winslow	3 rd Thurs., 7 pm	Karen Berggren 928-607-1836
Little Colorado River	Casa Museum, 418 East Main Springerville	3 rd Mon., 7 pm	Sheri Anderson 928-536-2375
Northern Arizona	The Peaks "Alpine Room" 3150 N. Winding Brook Road Flagstaff	3 rd Tues., 7 pm Sept. thru Nov., Jan. thru June	Peggy Taylor 928-526-8963
Phoenix	Pueblo Grande Museum 4619 E. Washington, Phoenix	2 nd Thurs., 7:30 pm Sept. thru May	Bob Unferth 602-371-1165
Rim Country	Church of the Holy Nativity, The Cottage 1414 North Easy Street, Payson	3 rd Sat., 10 am	Carolyn Walter 928-474-4419
San Tan	San Tan Historical Society Museum Ellsworth & Queen Creek Roads Queen Creek	2 nd Wed., 7 pm Sept. thru May	Norm Jones 480-963-3110
Santa Cruz Valley	The North County Facility 50 Bridge Road, Tubac	2 nd Thurs., 7 pm	Sharon Sevara 520-390-8998
Verde Valley	Sedona Public Library 3250 White Bear Road Sedona	4 th Thurs., 7 pm, Sept. thru May 3 rd Thurs., 7 pm, Nov and Dec.	Ron Krug 928-284-9357 928-477-3020
Yavapai	Pueblo of the Smoki Museum 147 North Arizona St., Prescott	3 rd Thurs., 7 pm	Tom Garrison 928-445-7652



Arizona Archaeological Society
 Box 9665
 Phoenix, Arizona 85068

NONPROFIT ORG.
 US POSTAGE PAID
 PHOENIX AZ
 Permit No. 645

OR CURRENT RESIDENT

Dated material:
 Please deliver promptly.
 Thank you!

STATE OFFICERS

<i>Ron Robinson, Chair</i> 5510 Angel Tear Prescott, AZ 86305 928-443-9405 928-710-0840 (cell) ronsmail@cableone.net	<i>Fred Kraps, 2nd Vice Chair</i> 1512 Private Rd. Prescott, AZ 86301 928-778-0653 fkraps@mac.com
<i>Paddi Mozilo, 1st Vice Chair</i> 41201 N. School House Lane Cave Creek, AZ 85231 480-595-9255 docqb@yahoo.com	<i>Phyllis Smith, Secretary</i> 10 N. 350th Ave. Tonopah, AZ 85354 623-694-8245 76desert@gmail.com
<i>Judy Rounds, Treasurer</i> P.O. Box 1401 Carefree, AZ 85377 602-363-6985 jtalkinstick@cs.com	<i>Sylvia Lesko, Membership</i> 865 S. Oak Street Gilbert, AZ 85233 480-497-4229 slesko4@cox.net

Donna Ruiz y Costello
 Archivist, Historian and Collections
 623-547-5146 druizyco@asu.edu

PUBLICATIONS

*Ellie Large, Petroglyph
 Chair and Editor,*
 thepetroglyph@cox.net

To contact the webmaster:
 e-mail: archaeology@esedona.net

vacant,
 AZ Archaeologist Chair

Alan Ferg
 AZ Archaeologist Editor
 Ferg@u.arizona.edu

**CERTIFICATION
 DEPARTMENT**

Bob Lindsay, Acting Chair
 1039 E. Seminole Drive
 Phoenix, AZ 85022
 602-866-3649
 lindsayrl@cox.net

Mike Mangan, Treasurer
 1517 W. Impala Avenue Mesa,
 AZ 85202
 602-550-3829
 mfmangan@cox.net

Roger Haase, Recorder
 8157 E. LaJunta
 Scottsdale, 85255-2829
 480-585-5576
 RDHaase@yahoo.com

EDUCATION

Joan Young
 623-551-1085
 joanyoung@msn.com

**LEGISLATIVE
 LIAISON**

Kevin J. Palmer
 480-515-2211
 kjp@phgltd.net

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

ADVISORS

Joan Clark	Alan Ferg
Grace Schoonover	Gary Stumpf
John Hohmann, Ph.D.	