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# THE PETROGLYPH

## Newsletter of the Arizona Archaeological Society

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November 2005

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### WINTER STATE MEETING JANUARY 21 & 22 HOSTED BY THE AJO CHAPTER

The Winter AAS State Meeting will be hosted by the Ajo Chapter and will be held on January 21<sup>st</sup> and 22<sup>nd</sup>. The business meeting and the Saturday evening dinner will be held at the Mocambo Ballroom located at 1800 N. Ajo - Gila Bend Highway behind The Hut Tavern and the bowling alley. There will be a continental breakfast beginning at 8 a.m. Saturday at the Mocambo followed by the business meeting beginning at 9 a.m.

On Saturday afternoon and Sunday morning there will be several field trips. Since these are still in the planning stages, see the December Petroglyph for more information. Possibilities include: Charlie Bell Well on the Cabeza Prieta NWR, Ventana Cave on the Tohono O'odham Reservation, White Tanks

on the Barry M. Goldwater Range, Wild Horse Tank on Organ Pipe Cactus National Monument and a rock art site on BLM land.

#### *Accommodations:*

**Ajo Heights RV Park**, 2000 N. Hwy 85, Ajo, AZ 85321, Tel 520-387-6796

**Guest House Inn**, 700 Guest House Rd., Ajo, AZ 85321, Tel 520-387-6133

**Marine Motel**, 1966 N. 2<sup>nd</sup> Ave, Ajo, AZ 85321, Tel 520-387-7626

**Copper Sands Motel & RV Park**, 3711 N. Ajo-Gila Bend Hwy, Ajo, Tel 520-387-4097

**La Siesta Motel & RV Park**, P. O. Box 384, Ajo, AZ 85321,

Tel 520-387-6569

**Shadow Ridge RV Resort**, 432 N. 2<sup>nd</sup> Ave., Ajo, AZ 85321 Tel 520-387-5055

#### *Restaurants:*

**Ajo Country Club**, 77 W. Mead Road, Ajo, AZ 85321

**Marcella's Café & Bakery**, 1117 W. Dorsey St., Ajo, AZ 85321

**Pizza Hut**, 627 N. 2<sup>nd</sup> Ave., Ajo, AZ 85321

**Why Milepost 53 Café**, 1509 Longacres Road, Why, AZ 85321

The registration form can be found on page 2.

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- 5 — News from the chapters

Next deadline is at noon Sunday, November 20, for the December issue.

#### Notice to Chapter Treasurers:

Please contact the AAS State Treasurer, Judy Rounds, in regard to the required Form 990 to be submitted by January 15, 2006. You can email her at [JTalkingstick@cs.com](mailto:JTalkingstick@cs.com), call her at 602.363.6985, or write to her at P.O. Box 1401, Carefree, AZ, 85377

She needs to know the media on which you wish to receive the blank Form 990. She can send you the Microsoft Excel form via email, or on a diskette via the postal service.

— Judy Rounds

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## From the certification department chair



The Certification Manual is finally online so that all can access it. This month we plan to submit a number of updates to the Manual. Chapter Presidents and Certification Representatives should go the AAS Website and download these updates. Be sure to discard the old items that have been updated. Changes will be made throughout the Manual and we will send a list specifying the areas at a later date. Outlines of new courses will be included and course outlines updated.

Each Chapter should have up to two Certification Manuals in their Chapter that will need updating. As new Chapter Presidents are elected, the outgoing president should pass on the manual to the new president. The same holds true

for the Certification Representative. Please inform the Secretary of the Certification Department, Evelyn Partridge, of new people in these positions and tell her how to contact them.

The next meetings are scheduled for November 18, January 27, March 17, and May 19 in Room 203A in the Community Services Building, ASU on Curry Road between Washington and Rural Roads in Tempe. Please join us.

— Ann Gorton

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### Online Prehistory of the Southwest Course

On October 31, 2005 we will begin a new Online Prehistory of the Southwest course. The course will run for eight weeks. You must be a member of a chapter or an at large member to participate in the class. The course fee is \$45.00, and you must purchase the textbook for the class. For more information, please contact Jill McCormick at [jill@mackrackit-companies.com](mailto:jill@mackrackit-companies.com)

— Jill McCormick

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### WINTER STATE MEETING REGISTRATION FORM

Name \_\_\_\_\_ Chapter \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone Number \_\_\_\_\_ E-mail \_\_\_\_\_

**Lunch: Choice of Sandwich with Chips, Potato Salad and Drink:**

Beef \_\_\_\_\_ Turkey \_\_\_\_\_ Cheese \_\_\_\_\_ x \$7.00 \_\_\_\_\_

**Dinner: Entrée Choice:**

Beef \_\_\_\_\_ Chicken \_\_\_\_\_ Vegetarian \_\_\_\_\_ x \$18.00 \_\_\_\_\_

Total \_\_\_\_\_

**There will be a no-host bar available prior to the dinner on Saturday evening.**

**Please mail your check and registration to Shelby Ballard at 320 E. First Av., Ajo, AZ 85321, by January 7, 2006. For further information, call 520-387-8225.**

## UPCOMING EVENTS

Nov. 4, **Phoenix-area Rock Art & Ruins** fundraising tour with Allen Dart meets at Old Pueblo Archaeology Center, 5100 W. Ina Road Bldg. 7, Tucson-Marana, and carpools to Phoenix area. 8 a.m. to 5:30 p.m. Fee is \$20 (\$16 for Old Pueblo Archaeology Center and Pueblo Grande Museum Auxiliary members). Phoenix City Archaeologist Dr. Todd Bostwick presents an illustrated discussion of Phoenix-area prehistoric archaeology, followed by guided tour of the Pueblo Grande Ruins, the Park of Four Waters Hohokam irrigation canals site, and Phoenix South Mountains petroglyph sites, to raise funds for the education programs of Old Pueblo Archaeology Center. **Bring** lunch and drinking water. Advance Reservations Required: 520-798-1201.

Nov. 5, Museum of Northern Arizona, Flagstaff: **Belief in the Past: Rock Art, Neuroscience, and the Origins of Religion** by Dr. Dave Whitley, UCLA. Book signing of "The Art of the Shaman: Rock Art of California" and "Introduction to Rock Art Research." No question is more central to archaeology than the origin

of religion. .

Nov. 6, Museum of Northern Arizona, Flagstaff: **Tracing the Creation: Rock Art along the Lower Colorado River** by Dr. Dave Whitley, UCLA. Book signing of "The Art of the Shaman: Rock Art of California" and "Introduction to Rock Art Research".

Nov. 7, Old Pueblo Archaeology Center, Tucson: **From Chevelon to Homol'ovi: Recent Research in Ancient Hopi Villages in Northeastern Arizona** at 5100 W. Ina Road Bldg. 8, Tucson. 7:30 to 9 p.m. Free. Archaeologist Dr. E. Charles Adams discusses the Arizona State Museum's recent archaeological research on the Homol'ovi Settlement Cluster, a group of ancestral Hopi pueblos situated along the Little Colorado River near modern Winslow. No reservations needed. 520-798-1201

Nov. 12, Museum of Northern Arizona, Flagstaff: **Sex and Sensibility in Rock Art Interpretation** by Dr. Kelley Hays-Gilpin, NAU Anthropology Dept. Book signing of "Ambiguous Images: Gender and

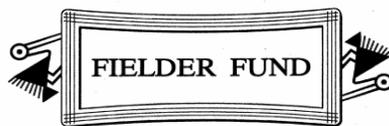
Rock Art."

Nov. 12, **San Xavier, Tumacacori, and Tubac History**. Guided fundraising tour with Dr. Stephen H. Buck, departs from Old Pueblo Archaeology Center, 5100 W. Ina Road, Building 7, Tucson. 9 a.m.-7 p.m. Fee is \$79 (\$63.20 for Old Pueblo Archaeology Center members & Pueblo Grande Museum Auxiliary members). Transportation by passenger van. Accommodations limited to 10. Advance Reservations Required: 520-798-1201

Nov. 13, Pueblo Grande Museum, Phoenix: **Flute Demonstration**. Ms. Laura Perkins demonstrates the art of flute playing from 1 to 3pm. Experience the sites and sounds of beautiful flute music as you tour the museum. This demonstration is free and open to the public. Admission is free. Call 602-495-0901 for information. Visit our website at [www.pueblogrande.com](http://www.pueblogrande.com) for more upcoming events.

Nov. 13, Museum of Northern Arizona, Flagstaff: **The Basketmaker**

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### 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 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 \$29,279.91

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](mailto: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.

## Amateur Archaeologists Celebrate Area Petroglyph Sites Significance July 8, 2005

The Homolovi Chapter, Holbrook and Winslow, and the Agave Chapter, Heber, of the Arizona Archaeological Society, in conjunction with the Arizona Site Steward Program, held a picnic June 25 at the Chevelon Steps, part of the Rock Art Canyon Ranch, to celebrate the areas archaeological sites. Members of both organizations came from across the state for a day of fun and to tour the site.

Homolovi Chapter President Darlene Brinkerhoff split up those in attendance into two tour groups for easier access to and viewing of the petroglyphs. The two tours were about an hour each, with Brinkerhoff covering much of Chevelon Canyon's information.

Brinkerhoff trained in the Coconino National Forest area near Flagstaff to become a certified petroglyph recorder in the 1980s. She has worked at many sites in the Coconino and Apache Sitgreaves Forests as well as on private ranches. She spent two seasons on Navajo rock art in Chaco Canyon, N.M., and has studied cave paintings at Canyon de Chelly. She said that the northeastern quarter of Arizona has some of the most spectacular petroglyphs in the state but many of the sites are deteriorating due to environmental and/or human impact.

In the early 1990s, the Homolovi chapter, in conjunction with local Arizona Site Stewards, began the process of recording the Chevelon Steps. While some people think

recording a petroglyph site is just marking where the area is located, in reality it involves research techniques combining photography, measurement, drawing to scale, using Munsell color charts, and a lot of paperwork, in order to get the information into the Archaeological Archives of Arizona.

Members of the recording group sometimes worked two to three times a year, with 12 to 15 people working for two weeks at a time. It took six years to complete, due to the high number and content of the glyphs in the canyon. They found approximately 3,177 petroglyph elements, with a total of 743 anthropomorphs, or human-looking figures, 527 animal-like figures, 735 geometrics like spirals, grids, spoked wheels, concentric circles and ceramic designs, and 1,172 other types of elements.

The group believes the prehistoric cultures who executed these glyphs were ancestors to the Hopi and Zuni tribes. Many of the glyphs at the site have been verified by Hopi tribal members as Hopi clan symbols. The Hopis pass on their migration route and the history of their origins to their children as part of their cultural duty. These migrations are why most of the archaeological sites north of the Little Colorado River are called proto-Hopi Sites, noted Brinkerhoff, which means many of the sites were the last areas inhabited before they moved further north to the Hopi mesas.

Most of the petroglyphs at Chevelon Steps appear to be from the Archaic

Period, while the rest date from Basketmaker to Pueblo, Brinkerhoff said. Dating is determined by analysis of designs that change through time and by comparison to designs at other sites that have been dated by other means. The anthropomorphs in Chevelon Canyon have a very similar style to decorated bodies that appear in the Glen and Barrier canyons, she noted. Additionally, many of the petroglyphs are superimposed over earlier glyphs, suggesting hundreds of years of access.

There were probably many more petroglyphs at the base of the canyon walls that have disappeared due to flooding and years of exposure to the elements. That is why it is so important to record these wonderful sites before they disappear, Brinkerhoff said. Environmental factors detrimental to the petroglyphs are wind and sand blasting, rock spalling, frost heaving, poor sandstone or rock quality, lichen growth, and fire damage. Obliteration by humans is also a factor. Petroglyphs are scratched or spray painted over, or cut out of the walls and removed from the area.

The Homolovi chapter meets monthly, and is always interested in learning of newly found archaeological sites. The group is also open to new members. For more information, contact Brinkerhoff at 524-6569 or 241-1324, or online at [artederoca@cablone.net](mailto:artederoca@cablone.net). Heber Chapter President Norman Viether may be reached at (928) 535-9059.

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### Many Thanks and a Welcome from The Petroglyph Team

Members of the Petroglyph team, Donna Ruiz y Costello (publications chair), Ellie Large (copy editor), Linda Dorsey (layout editor), and Sylvia Lesko (membership chair) would like to extend their thanks to Susie Bradshaw-Kinkade for her past five

years work as mail processor. Susie has done a wonderful job conducting this last step of newsletter production for getting the Petroglyph out on time. She will be sorely missed. West Valley AAS member-at-large, Robert Schroeder responded to the call

in our September Petroglyph to step into the position, and was trained with much success by Susie for the past October edition. We, on behalf of all the AAS membership, welcome Robert to the Petroglyph team and thank him for the smooth transition.

## CHAPTER NEWS

### Agave House Chapter



On Sept. 23<sup>rd</sup>, ten members went on a field trip to Chaco Canyon, where we camped out in tents and trailers. It was cold and windy; tents blew down as well as camp stoves and supplies. Everyone enjoyed sitting around a big campfire in the evening. We toured many of the ruins including the biggest one, Pueblo Bonito. We all hope to return when the Indians are celebrating the solstice.

Twenty members attended our Year's End Barbecue on Sept. 15<sup>th</sup> at our Chapter Vice President's Bum Heel ranch. Sept. 26<sup>th</sup> will be our last meeting until January 2006.

— Betty and Norman Viether

### Agua Fria Chapter



At our October meeting, Ben Mixon amazed us with his Mogollon cupule star map presentation. Ben found that this particular arrangement of cupules coincided with the juxtaposition of all the planets, including Uranus ("rediscovered" by the British astronomer William Herschel on March 13, 1781) in the night sky on a particular date in the twelfth century, thereby placing the exact day and time the cupules were produced by the Mogollon people. He also filled Agua Fria chapter members in on his long history of work in archaeoastronomy including position and alignment of doors in architectural features and his observations at Hole in the Rock in Papago Park.

Our speaker for our Tuesday, November 8<sup>th</sup> meeting will be educator and AAS member, Barbara Gronemann. She will speak to us on

Arizona Native American basketry. The Agua Fria chapter holds its general meetings on the second Tuesday of each month from September through May at the Glendale Public Library Auditorium, 59<sup>th</sup> Avenue and Brown (one light south of Peoria Avenue on 59<sup>th</sup>). Social hour is held from 6:00 pm – 7:00 pm followed by the business meeting and lecture from 7:00 pm – 9:00 pm.

All chapter members are invited to our board meetings held the first Tuesday of each month (September through May), across the street from the Glendale Public Library at the new Glendale Adult Center (on the north side of Brown). We are scheduled to meet in room 104 from 7:00 – 8:30 pm. All are invited and especially those who wish to voice suggestions to the board. All help is welcomed. We need chairs for field trips, membership, and publications. Sandy and Larry Gauthier have kindly consented to fill in for Bobby and Dawn Clark as our new hospitality chairs for 2006, and will help finish out 2005 with the Clarks. Nominations for president and three-year director are also being solicited. Please contact Tim Cullison ([timcullisonaz@aol.com](mailto:timcullisonaz@aol.com) or 602-863-9744) if you wish to volunteer for or nominate anyone to these positions.

Linda Dorsey, our chapter archivist, has downloaded the entire archive bibliography list on a CD for the fundraising price of \$1.00. From this CD you can choose what publications you wish to have brought to general meetings (or elsewhere as arranged) for your convenience. Contact Linda to purchase CDs at [ldorsey6@cox.net](mailto:ldorsey6@cox.net) or call her at 623-974-3683.

For chapter activities, please contact the following: outreach – Jim Heller

at [jmh7116@aol.com](mailto:jmh7116@aol.com) or 623-975-4300; field trips (Sears Point, Nov. 12 and Woolsey Peak geoglyphs, Nov. 26) – Donna Ruiz y Costello at [lardon@worldnet.att.net](mailto:lardon@worldnet.att.net) or 623-465-7350; Pierpoint (Nov. 5) – Bob Lindsay at [lindsayrl@cox.net](mailto:lindsayrl@cox.net) or 602-866-3649; White Tanks (Nov. 19) – Shelley Rasmussen 928-684-1670; Gatlin interpretive site – Ella Pierpoint at [epierpoint@yahoo.com](mailto:epierpoint@yahoo.com) or call 602-622-2364; Calderwood lithics lab – (Nov. 2<sup>nd</sup>, 16<sup>th</sup>, 30<sup>th</sup>) Linda Dorsey at [ldorsey6@cox.net](mailto:ldorsey6@cox.net) or 623-974-3683; Calderwood ceramics labeling lab (Nov. 5) – Donna Ruiz y Costello at [lardon@worldnet.att.net](mailto:lardon@worldnet.att.net) or 623-465-7350.

We would also like to welcome our newest members Rita Shepherd, Lyle Tareh, and Pete Stanley who have joined 'on the ground running' recording rock art in the White Tanks, taking classes and participating in field trips. They have already become an asset to the chapter while reaping the benefits of AAS membership. Hope to see you all (veteran and new members alike) at the November meeting as we will announce the 2006 slate of board members and chairs.

— Donna Ruiz y Costello

### Ajo/Why Chapter



The Chapter will resume business in November.

### Cochise Chapter



#### Fall Is Busy for Cochise Chapter

Our October meeting featured Dr. John Ware, Executive Director of the

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## More CHAPTER NEWS....

(Continued from page 5)

Amerind Foundation since 2001. Dr. Ware's fascinating presentation included information on the social history of patrilineal, matrilineal, bilateral, and unilateral societies and how this compares and contrasts. Many of us found we didn't know as much as we thought about these cultural arrangements, nor did we understand patriarchs and matriarchs as well as we thought. The entire speech was extremely educational and enjoyable.

November is election time for new chapter officers.

Our annual holiday party is Saturday, December 3<sup>rd</sup>, at Casa de San Pedro. Our party always includes great food, great silent auctions and just plain fun.

Dues will increase starting January 1, 2006. Dues paid after January 1 will be \$30.00 for an individual, and \$33 for a family.

Singing Winds Bookstore: The popular Benson bookstore is having its annual festival on November 20<sup>th</sup>.

Site Steward Award Given: An award for lifetime service as site stewards was recently presented to Roy and Mary Beth Dawson.

— Denise A. Agnew

### Desert Foothills Chapter



At our November 9<sup>th</sup> meeting, George Phillips, University of Nevada, Las Vegas, will speak on "Rock Art of the Esplanade Portion of the Grand Canyon, North Rim". Be sure to join us at the Cave Creek Town Hall, 37622 N. Cave Creek Road, at 7:30 p.m.

On November 9<sup>th</sup> we'll also elect officers. Judy Rounds has challenged members to run for office and volunteer for the many jobs that keep the Chapter going. Nominations to date are: President: Judy Rounds; Vice Presidents: Gerry Haase and Glen Dotson; Treasurer: Trudy Mertens; Secretary: Joan Young; New Director: Brenda Poulos; Continuing Directors: Paddi Mozilo and Alan Troxel. Nominations remain open until the vote.

We are also looking for an archivist, another elected officer. Nancy Zeno is currently working with the Cave Creek Museum to place the chapter archives there. If you are interested, please call her at 480-488-3364. A new volunteer, Holly Bode, will take over publicity. There is still an opening for a Petroglyph correspondent. We also need volunteers to sign up for refreshments.

Our field trip coordinators are planning a field trip with a historical focus in southern Arizona. We will look for a guide who is an authority on the history of this region. We plan to visit a number of old missions and historic towns and ranches dating back to the 1800's. We will aim for sometime in February. Stay tuned.

Our Certification Representative, Alan Troxel, is planning a GPS Workshop and a Geology Workshop for early 2006. A third workshop will be Ceramic Technology, which was so much fun and so successful in February 2004.

Our Christmas Potluck will be Wednesday, December 14<sup>th</sup>, at the Good Shepherd of the Hills Episcopal Church, 6502 Cave Creek Road. Each person is asked to bring a main course, appetizer, salad or side dish to feed 8-10 people. Board members will

provide dessert and beverages.

We are planning an archaeology photo contest at the Christmas meeting, organized by Glen Dotson ([Glens4wheeler@Qwest.net](mailto:Glens4wheeler@Qwest.net)) and Paddi Mozilo ([docqb@yahoo.com](mailto:docqb@yahoo.com)). There will be three categories: Arizona rock art, ruins and scenery. You may enter all three, but only one entry per category. Photos need to be 8x10 and matted. Place the name of the photographer on the back of each entry, and then cover your name with a piece of paper taped over it. Please have entries at the church 15 minutes prior to the potluck, as the organizers need time to set up the display of photos. Please participate, so everyone can enjoy your photos!

At our October 12<sup>th</sup> meeting, Glen Rice's presentation on Hohokam households examined the important role households had in craft production, agriculture, religious observances and even politics. Slides, maps and graphs illustrated what it was like to live in a Hohokam household and why the study of small household units is important to understanding the big picture of Hohokam society. His research on this topic will culminate in a new publication. Glen Rice is Professor Emeritus at ASU and has a consulting firm, Rio Salado Archaeology.

— Nancy Zeno and Brenda Poulos

### Homolovi Chapter



There was no meeting in September. Meetings resumed on October 20<sup>th</sup> with Bryan Bates speaking on Archaeoastronomy

— Diane Brinkerhoff

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## More CHAPTER NEWS....

Chapter News (Continued from page 6)

### Little Colorado Chapter



The Little Colorado River Chapter met on October 11th at the Casa Malpais Museum for a wonderful 3D animated interactive exhibit presented (and created by) Doug Gann of the Center for Desert Archaeology on the Sherwood Ranch Ruins, know locally as the Raven Site. The presentation, which will remain a permanent exhibit at the museum, was put together in concert with the Archaeological Conservancy.

Doug and the Center have been true friends of archaeology in the Round Valley and eastern Arizona and have made a long-term commitment to helping our citizens understand and enjoy the cultural resources that surround us. They have also assisted the community in developing strategies of preservation that will help us in carrying the past into the future. They are most recently responsible for the creation of a stabilization plan for Casa Malpais and not only secured the grant to make it become a reality, but they've literally rolled up their sleeves and gotten dirty with us.

Their newest contribution to our area is this 3D animated exhibit which details a reconstruction and exploration of the Sherwood Ranch Site. The exhibit, which is available on CD for teachers, is both fascinating and easy to navigate. It gives one a real sense of what the pueblo may have looked like and a possible glimpse into the lives of those who lived there. During the 1990's the land was leased to the White Mountain Archaeological Center, and under the name of the Raven Site it was

operated as a 'pay to dig' site. When the company folded in the late 90's, the site was bought by the Archaeological Conservancy and was entirely backfilled. This site, along with Casa Malpais and possibly others in the area, may be where the Kachina religion sprang from and as such, any information gathered on these sites is very important. Artifacts and paper involved in the 'pay to dig' operation are not available, and the Center for Desert Archaeology is searching for any information that volunteers may have that could give them a better understanding of the site. Anyone who has any information, recollections, photos, or even anecdotes from excavations at Raven Site is encouraged to contact Doug Gann at [dgann@cdarc.org](mailto:dgann@cdarc.org) or (520) 882-6946.

Backfilling and re-painting continues at Casa Malpais, and lab work is slated to begin again this fall. Members are encouraged to contribute ideas and suggestions regarding the ceramics exhibit the Chapter is putting together to go along with the lithics and ground stone teaching collection that the Casa Malpais Museum has on loan to the school district. As always, any questions or interests can be addressed to me at [mwmelton@yahoo.com](mailto:mwmelton@yahoo.com).

— Melinda Wallace St. Clair

### Mohave Chapter



Sincere thanks to all our chapter members who have worked so hard to make the October State Meeting a success! Although the meeting has not yet taken place at the time of this writing, the cooperative spirit, enthusiasm and initiative our members have shown in connection with this project virtually guarantees

“success”!!

At our October meeting, Ron Smith gave a presentation entitled “3-D Archaeology”. Ron has long been interested in stereoscopic photography, and has applied this passion to archaeology. Noting that we see things with two eyes, he attempts to replicate a three dimensional result by taking two photographs of a subject slightly apart. He then tints the left photo pink and the right photo blue. The two photographs are then superimposed so as to produce a 3-D image (anaglyph); doing this effectively can be something of a challenge. The resulting photo is viewed with a “red-blue anaglyphic viewer” (i.e., paper glasses with a red left lens and a blue right lens). As we donned the glasses, the experience was highly reminiscent of attending one of those 3-D monster movies of yesteryear! Soon we were blissfully unaware of the bizarre looking audience of which we were a part, and were captivated by a series of wonderful three dimensional images. We viewed photographs from Wupatki, Walnut Canyon, Casa Grande, Chaco Canyon, Swansea and Elden Pueblo (including the famous “axe-smoothing” rock). We were also treated to macroscopic images of a prehistoric knife edge (“the world’s first ‘Ginsu’ knife”) and the edge of a sherd with the temper resembling boulders! Ron notes that shareware can be obtained on line for those interested in pursuing this hobby.

Our chapter meets at 7 p.m. on the 2<sup>nd</sup> Thursday of each month at the Mohave Museum of History and Arts, 400 West Beale Street, Kingman. Stan Krok is planning to resume

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## More CHAPTER NEWS....

Chapter News (Continued from page 7)

regular field trips in November. John Ainlay is considering a refresher course on the use of topographic maps, compass, and GPS; he would like to limit the class to a small size. Please contact Ron Smith at [Ron2450@aol.com](mailto:Ron2450@aol.com) for more information.

— Gale Dom

### Phoenix Chapter

The speaker for the October meeting was Jerry Howard, Curator of Anthropology at the Mesa Southwest Museum. His talk was on his field work for the past year on the 250-acre Riverview Project near the intersection of the 101 and 202. Test trenching verified that this was the head gate area where the prehistoric canals take off from the Salt River for Canal System 1. They located canals that are up to 45 feet wide and 15 feet deep and are buried up to 30 feet below the present surface. There appeared to be a severe episode of flooding followed by extensive rebuilding over the thick flood deposits. Several years of analysis are now required to analyze the rebuilding and cleaning events, the age of the canals and their ability to carry water and irrigate fields as far south as Chandler Boulevard.

Our speaker for November 10<sup>th</sup> is Todd Bostwick, Ph.D., Archaeologist for the City of Phoenix since 1990. The title of Todd's talk is "Byron Cummings and The Fight for Control of Arizona Archaeology." It discusses the impact Byron Cummings had on the development of archaeology in Utah and Arizona during the first half of the 20th century. The talk is based on Todd's new book which will be published by the University of Arizona

Press in early 2006. The book is appropriate as Cummings established the Dept. of Archaeology at the University of Arizona in 1915. Todd has written various books and articles on Southwestern archaeology and history, most recently on "American Indian Rock Art" (1998, 1999, and 2000), "Rock Art Papers" (1998), and was co-author of "Landscape of the Spirits: Hohokam Rock Art at South Mountain Park."

The speaker for our Dec. 8<sup>th</sup> Christmas/Holiday Potluck will be Joe Vogel, Prescott, who will share his Aerial Photographs of Arizona Sites.

The Phoenix Chapter has moved the pre-meeting dinner to Monte's La Casa Vieja on Mill Ave. in Tempe. We will be making reservations for 10 people so if you're interested in having dinner with our speaker, let Marie know ASAP. We'll be taking the speaker to dinner and will meet at 5:30 p.m. at Monte's. Be sure and call or e-mail Marie to check on the status of the dinner and to reserve a seat.

The GPS class took place as expected with eight attendees. There were lots of questions, and everyone seemed to learn something, so it seems to have been a success. Tom Harvey is currently working with Alan Troxel to teach the class again for the Desert Foothills chapter. Based on the first class, the maximum class size for future classes will be ten.

The long postponed Sears Point field trip is now set for January 14 and 15, 2006.

We are looking for committed interested people to fill three board positions. A lot of thought, planning and effort are needed to make an organization successful and fun for everyone. Chapter treasurer is one of

the positions available. If you think you might have an interest in planning trips, organizing classes, archaeology projects or any of our many activities, please contact Evelyn Partridge at [efpartridge@cox.net](mailto:efpartridge@cox.net) or call 480-367-9465. WE NEED YOU!

The Chapter will continue to meet on the second Thursday of each month at the Pueblo Grande Museum, 4619 E. Washington St. in Phoenix starting at 7:30 PM. For information about chapter activities or activities listed above, contact Marie Britton at 480-827-8070 or [mbrit@cableaz.com](mailto:mbrit@cableaz.com).

— Kenneth J. Engle

### Rim Country Chapter

October found a part of the Chapter hiking to the upper level building at Tonto National Monument. Everyone enjoyed the hike, the geology, and the dwellings. For myself it was a trip that confirmed some building innovations that were common to the Salado, Anasazi and Hohokam - in fact most of the SW dwellers. In the 1960's a new design technology was invented - composite deck. Prior to this time, all floor systems that were considered structural needed to have rebar in the concrete supported by deck or formed in place. Composite deck technology said that the metal deck (with bumps) created a composite action that lead to a greater strength than either of the two has separately. This lightening of the floor structure led to a new wave of super high structures such as the Sear Tower. The rubble at Tonto clearly showed the imprint of the wood supports. The Tonto roof/floor was in fact a composite design of mud/

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## More CHAPTER NEWS....

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concrete and wood that in some cases has lasted 800 years. The intuitive design of these people meant that they could live/view/fight from these roof/floor areas and have substantial weight upon them without worry. Well, at Tonto some people see a perfect polychrome olla, others a village in the sky - we engineers wonder how they built it.

We had a major loss at the Rim Country Chapter. Sharesse Van Strauss passed on unexpectedly. Sharesse contributed to our Chapter in many, many ways. As an officer she led us in to new and exciting paths. As an educator she shared with us her knowledge in art and archaeology. As a creator she was the major force in forming MRCA our very special museum. Sharesse always wanted to go where no one else had gone. She will be missed.

Our next meeting will feature a Von Strauss protégé, Teri Nanty, who was the recipient of a Rim Country Chapter Grant. Ms. Nanty visited Australia this year and lived with an Aboriginal community. We look forward to her descriptions of her experiences at MRCA on November 12<sup>th</sup> at 9 a.m., right after our elections.

— Bob Breen

### Verde Valley Chapter



After our usual hiatus for the months of June through August, our September meeting gave Neil Weintraub, Archaeologist for the Kaibab National Forest, an opportunity to present his latest model for tracking migratory patterns of prehistoric populations via ceramics. His theory creating this

model focuses on the relationship between the average numbers of ceramic sherds found in a specific region to the estimated population of the same region during the same time period. When this model was applied to the Late Pueblo II Cohonina occupation, it showed a multi-directional abandonment pattern from the Coconino Plateau north to the Grand Canyon and eastwards. The number of sherds decreased over time and provided supporting evidence for the depopulation of the region.

Deforestation in recent times has facilitated the surveying of 100% of the Kaibab National Forest region, exposing 3,746 ceramic sites. In the Pueblo I phase, ceramics were mostly black on grey, which transitioned to black on white pottery and dominated Pueblo I to Pueblo II time frames. Sosi designs (AD 1075 - 1200) continued to show a decrease in number of sherds found, indicating depopulation. With the appearance of Flagstaff Black-on-White (AD 1150 - 1225), further decline is shown. By the time Tusayan Black-on-White (AD 1225 - 1300) appears, evidence is down to five sherds recorded.

Neil poses the questions, "What causes depopulation?" "To where did the indigenous inhabitants migrate?" One theory involves the eruption of Sunset Crater in AD 1070 with possibly three more eruptions during that same time period. Because this was also a period of drought on the Colorado Plateau, possibly the indigenous populations began to leave the Cohonina area west of the San Francisco Peaks and headed east through Deadman's Wash and on to the Wupatki basin where there was a florescence of cultural assimilation and acculturation.

For our October 27th meeting, we are really looking forward to welcoming "The Legends", reenactors to include

Pearl Hart, Captain Wheeler of the Arizona Rangers, and James Addison Reavis ("Prince of Imposters") from the periods of 1836 to 1901. November 5th is still on as our field trip to Clear Creek Cliff Dwellings led by Mick Simion.

November 11 through 13 is our out-of-town trip led by our advisor, Dr. David Wilcox and Dr. David Doyel, to the Pierpoint and Gila Bend Gatlin Sites, Red Rock Canyon site, the Enterprise site, Gillespie Dam petroglyphs, and, if time permits, the Woolsey Peak Wilderness geoglyph site. Please note an error in the October 2005 Chapter News: no other sites will be included, other than those mentioned in this paragraph. Claire Swain, co-chair of our Field Trips, has done a fine job of coordinating our trip from directions to accommodations.

Jerry Ehrhardt continues his surveys for Sycamore Canyon during October and November, weather permitting. Jerry has also accepted the position of Chapter Representative to the AAS Certification Committee. Many thanks, Jerry!

We will meet November 17, 2005 to allow our families to enjoy Thanksgiving without an interruption from archaeology pursuits. December 22nd is still on schedule for our Christmas meeting. Our meetings begin at 7:00 P.M. in the Keep Sedona Beautiful building (360 Brewer Road, Sedona). Visitors always welcome. For information about the Verde Valley Chapter or our activities, please phone President, Jim Graceffa, at (928) 639-0604 or E-mail [jgraceffa@commspeed.net](mailto:jgraceffa@commspeed.net).

— Art and Suzanne Green

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## Yavapai Chapter



Betty Higgins' talk at the September meeting provided the perfect preview for the chapter's field trip to Chaco Canyon. Betty presented a photographic overview of the canyon, including aerial shots, pictures from the mesa above the canyon, and close-ups of the pueblos, walls and some artifacts. She had even located some old pictures so the chapter could compare Pueblo Bonito before and after the fall of Threatening Rock.

Twenty chapter members went on the field trip, some of them visiting the Aztec Ruin and the Salmon Ruin as well. At Chaco, Dr. Wolky Toll led the group through downtown Chaco, passing on information from the latest Chaco Project. Many climbed to the

top of the mesa to visit Pueblo Alto and look down on Pueblo Bonito. Others toured the visitor's center and saw the excellent film there.

Earlier in the month, President Ron Robinson led the group to the Fitzmaurice Ruin in Prescott Valley. It is rumored that gold miners working in nearby Lynx Creek dug into the ruin and carted off "tons of artifacts" to California. Even so, there was a great deal for Joan and Franklin Barnett to find and write about in the 70's when they excavated the 29 rooms of the main pueblo. Standing at the top of the ruin and looking out over the fantastic view, one could understand why the early Prescott Indians built their homes here.

In November, Daniel Kraker from KNAU, a Public Broadcasting Station in Flagstaff, will visit us again and talk on contemporary Indian issues. On

December 8th, we will hold our annual Christmas/Holiday Party and potluck dinner at the Pueblo of the Smoki. Social hour (BYOB) will begin at 6 p.m. with dinner following at 6:30 p.m. Sandy Lynch will again be our speaker. Please note that this is the second Thursday of the month and not our customary third Thursday. Sign-up sheets for attendance at the party and helping to setup the room will be available at the November meeting. If you plan to attend but have not signed up, please call Mary Moore at 928-717-2093.

For further information about the chapter and its activities, call President Ron Robinson at 928-443-9405 or Vice President Fred Kraps at 928-778-0653.

— Mary I. S. Moore

## From our "Designated Lobbyist":



Under the Arizona State Constitution, the Arizona

Archaeology Society (AAS) is entitled to attempt to influence the passage or defeat of any legislation by directly communicating with any legislator through their Designated Lobbyist.

Kevin J. Palmer, an AAS member who is managing director for Strategic Management Advisors, holds that position. His primary goal is to represent the views, opinions, and position of the AAS to the State Legislators, or other groups within that realm, for the advancement of our archaeological agenda.

His other responsibilities include overseeing registration and reporting requirements for the AAS, being cognizant of State Government regulations that

apply to the AAS and to their DL, following provisions regarding expenditure reporting, compliance reporting, and disclosure, and filing quarterly notarized reports and an annual summary to the Secretary of State.

All members of the AAS are invited to contact Kevin J Palmer at [kjp@phgltd.net](mailto:kjp@phgltd.net), or to telephone him at 480-515-2211 to discuss any issues they feel are important for the AAS, such as potential lobbying activities and legislation or attempted legislation relevant to archaeology or related areas of interest, so that he can report to the AAS State Board on the direction specific lobbying efforts will take.



### "Timeless"

By Jean Harvey  
Northern Arizona Chapter

*Beauty surrounds your ancient homes.  
Constructions that has lasted centuries.*

*Your drawings grace massive cliffs.  
We marvel at the detail.*

*Fragments of your life abound.  
Still you elude our searching minds.*

*We call you Anasazi, Sinaqua or Hohokam.  
Our names would mean nothing to you.*

*Ancient ones who were you?  
Are we you in a different time?*

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**Network: Iconography and Tradition 400 BC to AD 500** by Sally Cole, Fort Lewis College. Rock art has been used as a marker for Basketmaker II since the early 1900s. This premise has recently been tested in a comparative analysis of durable material culture from eight site group areas on the Colorado Plateau. The study indicated Basketmaker II was a shared system in which local and regional populations participated. The network was in place by 400 BC, had solidified by 150 BC, and continued until approximately AD 500.

Nov 15, ST146, CRN 60793B, **Central Tohono O'odham Nation: People and Archaeology** study tour via passenger van departing from Pima Community College, 401 N. Bonita Ave., Tucson. 8 a.m. to 6 p.m. Fee is \$69. Allen Dart leads van tour to Ventana Cave archaeological site and rock art, villages in the Santa Rosa, Kaka, and Quijotoa valleys, the Tohono O'odham government complex in Sells, and a reservation trading post. Bring a lunch and water. Advance reservations required: 520-206-6468 (Pima Community College, Tucson)

Nov. 20, Museum of Northern Arizona, Flagstaff: **Cohonina Rock Art of the 11th Century** by Neil Weintraub, Kaibab National Forest Archaeologist Weintraub discusses Cohonina rock art, highlighting the work of Don Christiansen and recent models that suggest the Cohonina migrated eastward off of the Coconino Plateau in the mid-eleventh century. He is the South Kaibab Zone Archaeologist charged with protecting, managing, and interpreting over 6,000 heritage resources, two hundred and fifty of them a variety of petroglyphs and pictographs.

Nov. 26, **Hohokam and Historic Ruins and Rock Art: Romero Ruin**

**and Baby Jesus Ridge** fundraising tour with Dr. Stephen H. Buck and Sharon Urban, meets at Old Pueblo Archaeology Center, 5100 W. Ina Road Bldg. 7, Tucson, and carpools to sites. 9 a.m.-6 p.m. Saturday. Fee is \$59 (\$47.20 for Old Pueblo Archaeology Center and Pueblo Grande Museum Auxiliary members). High clearance vehicles required, plus hiking a flat, 3-mile round-trip trail to the petroglyphs through thick scratchy brush. Riders to share drivers' gas cost of about \$15 per vehicle. Early dinner/late lunch after tour at a Central American-style restaurant in Catalina (not included in tour fee). Advance reservations required: 520-798-1201

Dec. 2, **Old Pueblo Hohokam Ruins and Rock Art** fundraising tour with Allen Dart meets at Old Pueblo Archaeology Center, 5100 W. Ina Road Bldg. 7, Tucson, and carpools to sites. 8 a.m. to noon. Fee is \$20 (\$16 for Old Pueblo Archaeology Center and Pueblo Grande Museum Auxiliary members). Allen Dart leads this carpool tour to the Picture Rocks Hohokam petroglyphs site, Los Morteros Hohokam village with ballcourt and bedrock mortars, Yuma Wash Hohokam village site, and the historic Bojórquez and Aguirre Ranch ruins, to raise funds for the education programs of Old Pueblo Archaeology Center and the Picture Rocks Redemptorist Renewal Center. Bring drinking water. Advance Reservations Required: 520-798-1201

Dec. 4, Museum of Northern Arizona, Flagstaff: **Rock Art & Rock Artists: Styles and Traditions of the Southern Colorado Plateau** by Dr. Donald E. Weaver Jr., Plateau Mountain Desert Research. Book signing of "Stone Chisel and Yucca Brush, Colorado Plateau Rock Art on the Southern Colorado Plateau." Ancestral Pueblo rock art is widespread and relatively well-known. However, less well-known are the numerous rock art

sites in the region produced by both recognized prehistoric groups (Patayan, Sinagua, Cohonina, Mogollon) and historic period tribal groups (Hopi, Zuni, Navajo, Southern Paiute, Hualapai, Havasupai, Yavapai, Western Apache).

Dec. 5, ASU, Tempe: Dr. Todd Bostwick, Phoenix City Archaeologist, presents the third lecture of the 2005-2006 AIA lecture series, "**Marking Time in the Ancient Southwest: Skywatchers of the Sonoran Desert**", at 7:00 p.m. in Life Sciences A191 on the Tempe campus of Arizona State University. Lectures are free and open to the public.

To calendar a special event, send an email to: [thepetroglyph@cox.net](mailto:thepetroglyph@cox.net). Please include **EVENT** in email subject line. Items will be printed as space is available.

## From the Editors....

### Your Help is Needed

If anyone has a story, announcement, poem, etc. that they feel is appropriate to publish in the Petroglyph please send them to us, either by e-mail at: [thepetroglyph@cox.net](mailto:thepetroglyph@cox.net) or by US Mail to:

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The size of the publication is determined by what is sent in any given month. We must publish in sets of 4 pages and are constantly looking for something to place in the blank spots when we are short of the necessary number of pages. All submission will be greatly appreciated.

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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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