
THE PETROGLYPH

Newsletter of the Arizona Archaeological Society

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Jan 2011

HAPPY NEW YEAR FROM THE CHAIR

New Years: A time to reflect on the past year and to look forward with anticipation to the next year. 2010 was a good year for me, and I think a good year for the society, with good programs, good projects, and good fellowship. I met new people, explored new places, and enjoyed facets of archaeology that were exciting to me. The only dim corner of the AAS year was the continued erosion of our membership; we lost about 30 members, continuing a 5-year trend during which we have lost over 150 members. My efforts in 2011 will focus on this issue with everything I do: planning programs and meetings, tuning our administration, visiting with our chapters, organizing our service projects. I urge you to join in this effort to make the AAS sustainable beyond 2011 for many years. I wish all of you a Happy New Year, filled with peace, joy, and good health, and with the enjoyment of archaeological study and service.

Ron Robinson, Chair, AAS

Homol'ovi Grand Re-Opening in March

The crew who worked at Homol'ovi Ruins State Park has been invited by the Arizona State Parks Department to participate in the Grand Re-opening of the park, which has been closed since February 2010. The park will reopen in March; the exact date is still not firm. We'll spread the word when the firm date is available. The re-opening and operation of the park was made possible by a consortium of interests, including the Hopi Tribe, who kicked in \$175,000 for 2011 operations. Several members of the crew are planning to participate. Of course, all AAS members will be welcome at the park for the event.

Ron Robinson, Chair, AAS

IN THIS ISSUE...

- 2 - Chapter Meeting Calendar & Fielder Fund Update
- 3 - Panel Discussion at DVRAC
- 4 - Norton Allen, by Alan Ferg
- 5 - Painting the Cosmos
- 6 - Chapter News
- 10- Upcoming Events

Next deadline is noon on
Tuesday, Jan. 18th,
for the February issue.

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Membership Dues

- Memberships for 2011 are now due. You must renew by Feb. 18, 2011, to receive the March Petroglyph.

Reminder to Chapter Treasurers

- Please create and submit your chapter's IRS Form 990 no later than Jan. 15, 2011. These should be sent to AAS Financial Advisor, Mike Magnan, at his address on the back of the Petroglyph. For more information contact AAS State Treasurer Judy Rounds.

Annual Chapter Reports are Due

- Please send your 2010 Annual Chapter Report to Fred Kraps, 2nd Vice Chair, at his address on the back of the Petroglyph, as soon as possible.
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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 |



Fielder Fund: Your Chance to Endow AAS Publications

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

Thank you to William Henry!

Balance \$38,517.93

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

**FREE PANEL DISCUSSION:
PAINTED, SCRATCHED, DEFACED: ROCK ART VANDALISM IN ARIZONA**

Saturday, February 5, from 1 pm to 2 pm
Deer Valley Rock Art Center, 3711 W. Deer Valley Rd., Phoenix
(2 blocks west of 35th Avenue)

Vandalism to rock art sites in Arizona is a distressing and persistent reality. To promote public awareness and debate about the preservation of rock art sites, a panel of archaeologists will discuss a variety of topics, including recent vandalism at Keyhole Sink, debates over rock art conservation models, Native American concerns about the destruction of cultural heritage, as well as stewardship of archaeological sites.

Panelists include:

Neil Weintraub, Kaibab National Forest Archaeologist
Peter Pilles, Coconino National Forest Archaeologist
Lyle Balenquah, Acting Curator of Anthropology, MNA,
Todd Bostwick, retired City of Phoenix Archaeologist

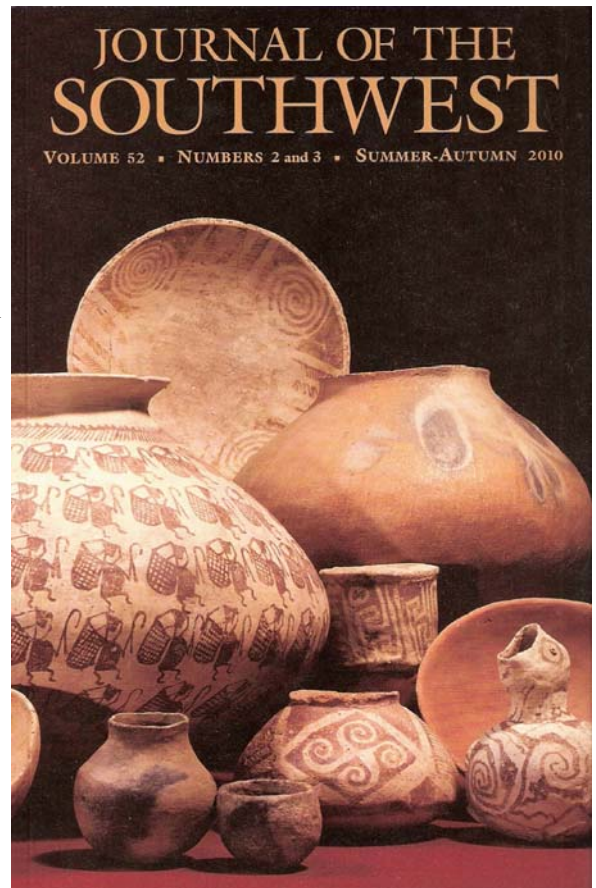


VANDALISM AT KEYHOLE SINK

Norton Allen: The Legacy of a Southwestern Artist and Avocational Archaeologist

by Alan Ferg

The Summer/Autumn 2010 issue of *Journal of the Southwest*, published by the Southwest Center at the University of Arizona, is a special all-color double-issue, 300+ pages in length, devoted to avocational archaeologist and artist Norton Allen (1909-1997). For decades, Norton was best known as the inspired, but largely anonymous, draftsman for the wonderful maps to be found in virtually every issue of *Desert Magazine* for nearly half a century. But to a small group of Arizona archaeologists he was known to be the expert on archaeology in the Gila Bend area. For more than 40 winter seasons, Norton, his father Ernest, and wife Ethel, salvaged archaeological materials that were in danger of being destroyed by expanding agricultural projects. Norton met Emil Haury at the University of Arizona Department of Anthropology in 1939, beginning a life-long friendship. It was Norton's work and discoveries, particularly at the Gatlin Site, that was the impetus for the excavations in the Painted Rocks Reservoir conducted by ASM archaeologists William Wasley and Alfred Johnson from 1959-1964.



This *Journal of the Southwest* issue, edited by Alan Ferg and Richard A. Schwartzlose, expands on their 2006 essay about the Allens that appeared in the book *Fragile Patterns*, including a full biographical sketch of Norton and his family. Featured are articles about Norton's archaeological and ethnographic collections, written by a host of experts, including several Arizona State Museum staff and alumni, including Jane Sliva, Mike Jacobs, David Doyel, Owen Lindauer, Devin Alan White, Patrick Lyons, Diane Dittmore, Andrew Higgins, Reuben Naranjo, Suzanne Griset, Bryn Potter, and Brenda Focht. Subjects include Hohokam projectile points, pottery and palettes, Norton's excavations in the San Pedro Valley, Tohono O'odham and Paipai pottery, and basketry from Arizona, California and the Great Basin. Most of these articles are illustrated with immaculate new photography by ASM photographer Janelle Weakly.

In December 1996 the Arizona Archaeological and Historical Society gave Norton and Ethel the Victor R. Stoner Award. This was in well-deserved recognition of their lifelong contributions to archaeological preservation and helping bring knowledge of the Hohokam in the Gila Bend area to the public's attention.

The Allens' archaeological and ethnographic collections from southwestern Arizona, donated to the Arizona State Museum, with provisions for use by the Tohono O'odham Nation, will continue to be a rich source for research, learning, exhibits, and cultural pride on into the future. Likewise, Norton and Ethel's establishment of University of Arizona scholarship and internship funds will perennially assist Native American students interested in anthropology and museum studies.

Copies of the Norton Allen issue (vol. 52, nos. 2-3) are available for \$20 each (this includes postage for domestic orders). Checks should be payable to "Journal of the Southwest," and mailed to Lupita Cruz, Southwest Center, 1052 North Highland Avenue, University of Arizona, Tucson, AZ, 85721. Ms. Cruz can be reached by phone at 520-621-2484.

**NEWLY PUBLISHED MNA BULLETIN ON TWO THOUSAND YEARS
OF ANCESTRAL HOPI PAINTING RELEASED**

(Flagstaff, AZ)—*Painting the Cosmos: Metaphor and Worldview in Images from the Southwest Pueblos and Mexico*, the Museum of Northern Arizona's long-awaited and newly published Bulletin 67, is now available.

Edited by MNA Danson Chair of Anthropology Dr. Kelley Hays-Gilpin and Museum of New Mexico Research Associate Polly Schaafsma, this 216-page volume is the product of a unique collaboration between the Museum and the Hopi Tribe. Many Hopi traditional scholars and leaders have contributed, with final review by the Hopi Cultural Preservation Office.

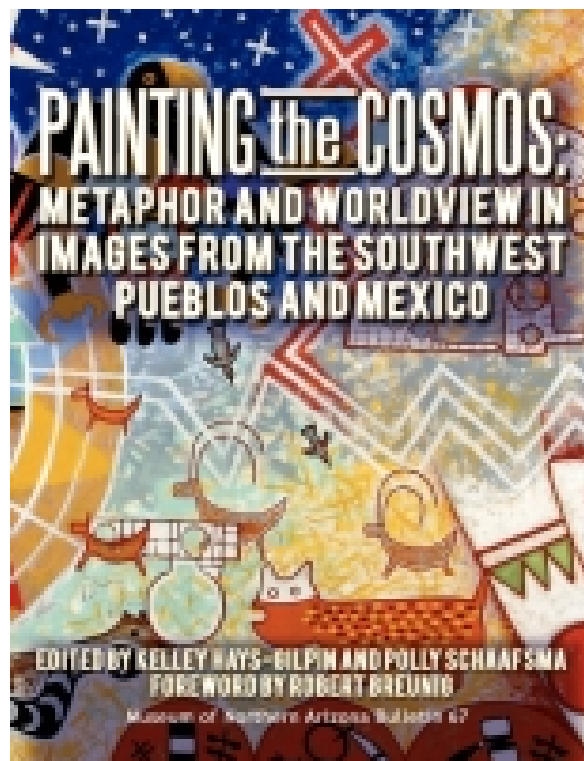
In this volume, numerous authors have presented a decade of scholarship on nearly two thousand years of ancestral Hopi painting and the values expressed in the imagery of paintings on kiva walls and pottery vessels. Many fundamentals of Hopi iconography (the study of images) are held in common with other pueblos in New Mexico, with indigenous cultures of northwest Mexico, and with the ancient civilizations of Mesoamerica. This volume is about such connections across not only Hopi life, but across the wider Pueblo world, and into Mesoamerica.

The nine chapters focus on ancient murals, painted pottery, and rock art and petroglyphs. Contemporary artists who work with ancient images and with ideas about continuity and change have also been included in this work.

Painting the Cosmos presents most of the core scholarship of the Hopi Iconography Project, an ongoing research effort by the Museum of Northern Arizona and the Hopi Cultural Preservation Office, established by a Memorandum of Understanding in March 2005.

Supporting research and consultation was provided by the Getty Foundation, the National Endowment for the Humanities, and the Rockefeller Foundation. Access to collections and other data was provided by the American Museum of Natural History, Amerind Foundation, Arizona State Museum (University of Arizona), Chicago Field Museum of Natural History, Harvard Peabody Museum, Maxwell Museum, Museum of New Mexico, Museum of Peoples and Cultures (Brigham Young University), University of Pennsylvania Museum, Smithsonian Institution Museum of Natural History, and National Museum of the American Indian.

Copies of *Painting the Cosmos: Metaphor and Worldview in Images from the Southwest Pueblos and Mexico* are available in the Museum's Bookstore for \$34.95. You can reach the MNA Bookstore at 928/774-5213, ext. 261.



The Petroglyph is published 10 times a year as a service to the membership of the Arizona Archaeological Society. Address correspondence for the newsletter to the editor at thepetroglyph@cox.net or mail to Elinor Large, 945 N. Pasadena #5, Mesa, AZ 85201. Call Ellie at 480-461-0563. **For problems with delivery and address changes**, contact the membership chair, Sylvia Lesko, at slesko4@cox.net. Submissions are subject to approval by the editors, advisory committee, or members, and may be edited to best represent the scientific, educational, and organizational objectives of the AAS. Deadline: 18th of each month, at noon.

CHAPTER NEWS

Agave House Chapter

The Chapter last met at the Black Mesa Ranger Station on October 27th with fifteen in attendance.



Matt Guebard, NPS Park Archaeologist at Camp Verde, presented a program on the cavates located in the Verde Valley, particularly in the Montezuma Castle National Monument and Tuzigoot National Monument areas. Unlike cliff dwellings, cavates are specialized rock shelters hand-carved by humans in bedrock. They were laid out similarly to pueblos in the setup and organization of space. Inside the cavates are storage pits, cisterns, benches and niches that perhaps were sleeping spaces. Floors were raised, and rooms were divided by floor ridges to keep out rodents.

Perishable food kept in the storage pits included prickly pear fruit, rice grass, banana yucca, pumpkins, gourds, cotton, beans, corn, acorns, juniper and willow. Among relics in the cavates were decorated ceramics including Tuzigoot black-on-red, Tuzigoot white-on-red and Tuzigoot red (circa 1125-1350 AD) as well as obsidian triangular projectiles (circa 1200-1425 AD) and San Pedro Basket Maker points (circa 500 BC).

Cavates provided hiding places and were used over the years by Apaches, ranchers, the U.S. military and park visitors.

Our next meeting is Wednesday, Jan. 26th, at 6:30 pm at the Black Mesa Ranger Station. Those who choose may join us for dinner at 5 pm at the Wild Woman Saloon & Grill, Bison Ranch. All are welcome.

--Virjean Svoboda

Desert Foothills Chapter

"Western spoken Here" was the theme of our annual potluck holiday party/meeting and silent auction held at The Good Shepherd of the Hills (Community Building), 6502 E. Cave Creek Rd, Cave Creek, AZ 85331, on Dec. 8. Members shared photos from hikes and field trips with the group.

Upcoming Speakers:

Jan. 10: Deni Seymour, an Apache historian, *Geronimo's Wikiup*
Feb. 9: Mochah Lomaomvaya, a Hopi archaeologist, will speak on *Hopi Archaeology*

Upcoming Classes:

Zooarchaeology, Faunal Analysis Class: This course is an intensive introduction to the methods used to analyze animal bones from archaeological sites, and the procedures and theory used to interpret zooarchaeological data.

Doss Powell, a bioarchaeologist, will present the class. It will be held on Thursday, Jan. 20 & 27, and Feb. 3 & 10 at Paradise Valley Community College. The cost is \$75. All AAS members may sign up for this class, but class size is limited. A prerequisite

for this class is a Human Osteology class. Please contact Mary Kearney at maryk92@aol.com (623-687-0721 cell; 623-594-1437 home) for information or to enroll in the faunal class.

Other Planned Classes:

An Introduction to Geology class is being planned for early next year. Again, contact Mary Kearney for details.

--Robyn Davidson

Little Colorado River Chapter



Activities: President Hartley Anderson called the Dec. 5th meeting to order around noon in the Anderson home near Snowflake. The business meeting was followed by the traditional potluck and gift exchange. This annual December potluck and get-together included Homolovi Chapter friends in our festivities and we shared many great dishes and humor. We have a new 'White Elephant' mascot sculpture contributed by Jo Ann Weldon. Sue Trezise was chosen as this year's winner to take 'Sam' the white elephant home for safekeeping after 'naming' it. A special thanks goes out to the Andersons for hosting the annual potluck. All had a good time.

Archaeologist Doug Gann from the Center For Desert Archaeology will be visiting the Casa Malpais Museum in the next month. He will discuss what still needs to be accomplished for the move as well as funding concerns. Site Manager Linda Matthews is asking for volunteers to help with the move of the Casa Malpais Museum to the new room. We would like to say 'thank you' to Canyon de Chelly National Monument for their donation of displays after their remodeling. These will be a tremendous help when we relocate our exhibits to the new room in the next several months. More information will be made available as it comes in, but volunteers may contact Linda or Carol Farnsworth. Ken Zoll was back at the site on Dec. 21st and 22nd to view the solstice and petroglyphs. Our Casa Site Fall Cleanup has begun with City workers assisting in clearing trails and trimming overgrown vegetation.

Election of Officers: The chapter officers for 2011 are: President, Carol Farnsworth; Vice President, Hartley Anderson; Secretary, Sue Trezise; Archivist, Catherine Cely; Activities/Program Chair, Sue Trezise; and Treasurer, Sheri Anderson.

Fieldtrips and Speakers: Members – please submit your ideas for the 2011 schedule which is now in the planning stages. A special thank you is extended to archaeologist Jay Theuer, who will be leaving the Petrified Forest National Park and our area. We will miss his enthusiastic presentations and the great demonstrations he has shared with our chapter and community, as well as the speakers he has introduced to us.

Membership Reminder: Bring your memberships to the next meeting or send them to Sheri Anderson.

-- Catherine Cely

(Continued on page 7)

More CHAPTER NEWS....

(Continued from page 6)



Northern Arizona Chapter

At a recent meeting of the Northern Arizona Chapter, Ekkehart Malotki, Prof. Emeritus of Languages at NAU, spoke on *The Road To Iconicity*. Advocating an ethological approach to the study of Rock Art, (ethology is the science of behavior, and art is a behavior), he pointed out that most languages lack a noun for "art." He refers to the behavior as "artifying" - making the ordinary extraordinary. Artification is used to influence outcomes. It is value-neutral; without art there can be no ceremony; in fact, religion and art are inseparable. Paleo art is the collective term that describes all art-like manifestations of the distant past. All paleo art is non-representational. Although dating is the weakest link in rock art analysis, Malotki suggests a period of 5,000-6,000 B.P. for the representational revolution with a dramatic shift from geocentric to biocentric art. Malotki favors the Proto-Iconic Hypothesis, which suggests that hand-and foot-prints mark the bridge between non-iconic and iconic art. Prints are universal in rock art - humans are trackers - and the tracks are bridging elements. Dr. Malotki can be reached at 928-779-2033.

Elden Labs: Although there will be no more excavation at Elden Pueblo, there are plans for a summer Elden Field School which will focus on continuing lab work and stabilization of the ruins. Education programs for youngsters offered in coordination with the Museum of Northern Arizona will be a component of the summer program. In the meantime, this winter volunteers are needed to catalogue and assess shell, projectile points and pottery from the Pueblo. The lab work takes place at the Forest Service Archaeology Office and will be held Jan. 9, 23, Feb. 6, and 20. For additional information on the labs and work at Elden, contact Lisa Deem at 928-526-0776 or Tom Woodall at 928-607-2840.

December Meeting: On Sunday, Dec. 12th, fourteen chapter members gathered at Lisa Deem's for an enjoyable potluck and discussion of their recent archaeological - and other - adventures. It was fun to get together for informal discussions and exchange of information.

January Meeting: Dennis Gilpin will be the speaker at our Jan. 18th meeting. He will be talking about *The Pueblo I Period And The Origins Of Settled Village Life In Northeastern Arizona*. The Pueblo I period (AD 700-900) for the northern Southwest was the time when the inhabitants first constructed above-ground dwellings and manufactured the first true black-on-white pottery. The period is most significant, however, because it marks the time when people began living year-round in true villages large enough to be considered full, self-sustaining communities. In 2011, two new books will be published that will explore the causes of the shift from seasonally occupied farmsteads and hamlets of pithouses to year-round villages of above-ground pueblos. The first volume is based on a symposium on pithouses held at the 2005 SAA meetings. The second volume is based on a 2007 symposium on the Pueblo I period held at Tawaoc on the Ute Indian Reservation in southwestern Colorado. Dennis Gilpin participated in both conferences and coauthored chapters for both

volumes presenting data from northeastern Arizona. In his talk, he will discuss current ideas about the origins of settled village life during the Pueblo I period in the northern Southwest and how archaeological research in northeastern Arizona contributes to an emerging understanding of a revolutionary change in human life ways. He will discuss how changes in food storage and ritual architecture (specifically the use of great kivas) reflect changes in subsistence and social practices that made settled village life possible.

Dennis has been a professional archaeologist for more than 30 years. He worked for the Navajo Nation for 14 years, and has worked for private consulting firms for 18 years. He has directed testing and data recovery at Paleo-Indian, Archaic, Pueblo, Navajo, and Euro-American sites. He is particularly interested in Archaic period archaeology, Pueblo architecture, prehistoric agriculture, and historical archaeology, and is best known for his discoveries of early maize in the Chinle Valley, his research on the Chacoan system and the transition to modern Puebloan settlement, and his studies in Navajo archaeology and history.

February Meeting: Evelyn Billo will discuss *Rock Art Recording from a New Perspective: Sears Point, AZ*. In addition to traditional on-the-ground techniques, Evelyn will discuss the hot-air balloon ride over a portion of the site which led to aerial photographs of trails and rock alignment features. Field work by Evelyn, Robert Mark, and Donald Weaver was accomplished over three years with help from 50 dedicated volunteers (many AAS members among them). Approx. 2000 petroglyph panels, 8000 individual elements, 30 km of trails, and 75 archaeological features are catalogued in extensive FileMaker Pro, GIS, and Image databases. A 2000+ page interactive Acrobat document with map and panel images, plus GigaPan photography, completes the suite of recording products in draft stage, with analysis and final reports expected in autumn 2011.

--Peggy Taylor



Phoenix Chapter

Dec. 9: Holiday Potluck: We had a good turnout for the potluck, which featured a bounty of side dishes and desserts to accompany the barbecued beef and chicken provided by the chapter. The meal was followed by a very stimulating talk by Ben Nelson, Ph.D., ASU, on the possible types of interactions with Mesoamerica that would account for the appearance of copper bells, cocoa residues in special vessels, and the use of cloisonné as a decorative technique in the southwest, as well as the appearance of southwestern turquoise in Mesoamerican archaeological sites.

Election of Officers: The slate of officers offered by the board was accepted and are as follows: President, Nancy Unferth; Vice President, Ellie Large; Treasurer, Bob Unferth; 1-Year Director, Al Arpad; 2-Year Director, Ellen Martin; 3-Year Director, Barry Bertani; Archivist, Sylvia Lesko. We still need a Secretary; Ellie Large will continue in this position until a replacement is found.

(Continued on page 8)

More CHAPTER NEWS....

(Continued from page 7)

Jan. 13th Meeting: David Morris, PGM, *Harvest of the Desert*. Native American ethnobotanist David Morris will explain the many uses of our desert plants and the biology that makes them useful. Some plants have provided for the people of the desert since prehistoric times; they were used for food, building, medicine and magic. Originally from the Kansas-Oklahoma area, David is a member of the Choctaw Nation of Oklahoma; he has been a resident of southern Arizona for the last thirty years. He has a degree in Plant Sciences from NAU and is currently Visitor Services Coordinator at the Pueblo Grande Museum and a part-time instructor for Grand Canyon College.

Upcoming Meetings:

Feb. 10: Glen Rice, Rio Salado Archaeology, on the *Gillespie Dam Petroglyphs*

March 10: Barbara Stark, ASU, *Urban Gardens in Mesoamerica*

January Raffle & Book Sale: The Amerind Foundations' Casas Grandes Reports, Volumes 4, 6, & 7, will be raffled off after the January meeting; tickets are \$2 each or 3 for \$5. The books and raffle ticket containers will be at the back of the room so members can choose which volume(s) they want to win. In addition, the remaining archaeology books from the Chapter library will be on sale.

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

--Ellie Large



Santa Cruz Valley Chapter

At our Dec. 9th meeting, we elected our officers for 2011: President, Alan Sorkowitz; Vice President, Mary Dahl; Treasurer, Sharon Sevara; Secretary, Brenda Camou; and Archivist, Bill Cox.

Our December speaker was Dr. Vance Holliday, Professor of Archaeology and Geosciences at the Univ. of Arizona. His talk, *Comets and the Clovis People*, addressed his critique of the recent theory that the extinction of the prehistoric megafauna and the demise of the Clovis culture in North America resulted from a collision between Earth and a comet about 12,900 years ago. Dr. Holliday, coauthor of an article on this subject in the October issue of *Current Anthropology*, argued that the "impact" theory is not supported by consistent, reliable, or replicable physical findings.

The chapter's next meeting will be held at 7 pm on Jan. 13th at the North County Facility, 50 Bridge Road, in Tubac. Our

featured speaker will be Dr. Bernard Fontana, ethnologist and author of *A Gift of Angels: The Art of San Xavier del Bac*. A renowned scholar of Spanish colonial history and material culture, Dr. Fontana assisted with the establishment of the Patronato San Xavier, a non-profit organization dedicated to the preservation and restoration of Mission San Xavier del Bac. He has been a lifelong supporter of the mission and its preservation, and his preservation work and historical research have revealed undiscovered art and meaning at San Xavier.

Our 2011 hiking program continues, and all AAS members are welcome to participate. For information on our hikes, please contact Bill Cox at bcoxa@hotmail.com.

--Alan Sorkowitz



San Tan Chapter

The efforts of Chapter officers Mel Marshall and Henry de Jonge paid off in garnering Christopher McLaughlin, archeologist with the Bureau of Land Management (BLM), as the featured speaker at the Dec. 8th meeting. A strong Chapter turnout greeted Chris, and his presentation began with an informative background on the role of the BLM and their vision to "sustain the public lands" and to "preserve the cultural, historical, scenic and scientificvalues associated with the public lands". For context, there are approximately 8,470 properties and over 12.2 million recorded surface acres in Arizona within the purview of the BLM.

With this as his framework, Chris went on to detail the incredible story of the Harquahala Observatory that existed from 1920-1925 on Harquahala Peak (elev. 6000 ft.) within their Hassayampa Field Office. It is a story of both historic preservation and the role of the BLM, with Chris providing excellent detail on the "how and why." The original story of this landmark location unfolded through the correspondence between the Observatory Staff and the Smithsonian in Washington, D.C. The preservation of the original two story adobe structure and efforts by the BLM to preserve the integrity of this special place underscored the reality of the BLM's commitment to their stewardship of the land.

The balance of Chris's presentation informed the group of the BLM's Abandoned Mine Land Program (AML). "Stay Out – Stay Alive" headlines the public message also detailed on the BLM website. Currently, the Bureau is performing an inventory of all abandoned mines, evaluating the physical and environmental hazards for remediation and closure. A comprehensive investigation is performed as to any active mining claims, active archaeological surveys, biological habitat/impacts, etc. The BLM also considers the mine's proximity to populated areas and whether it is adjacent to Federal land. They also provide help with mines located on private land.

Chris McLaughlin's review of the particulars of the Golden Reef Mine (Continental Mountain), the 1886 Tramway built by

(Continued on page 9)

More CHAPTER NEWS....

Adolph Bleichert near Cave Creek, and the famous Vulture Mine outside of Wickenburg, brought these BLM efforts to life for our Chapter.

The San Tan Chapter meets at 7 pm on the second Wednesday of each month at the Queen Creek Historical Society Museum located on the southeast corner of the intersection of Ellsworth and Queen Creek Roads. Our Jan. 12th meeting will be a "Working Session". The Chapter's Archeological Advisors, Gina Gage and Eric Cox, both of Northland Research, will lead a training/work session on artifact processing. The actual artifacts include potsherds and other materials recovered from the Chapter's Pueblo Bisnaga excavation conducted in April 2010. All Bisnaga participants are especially welcome to attend.

-- Peg Lynch



Verde Valley Chapter

Our speaker for the November meeting was odd Webber, who spoke on the history of the River Runners of the Grand Canyon. He began with a Hopi legend, and carried his rapt listeners along a historical timeline to the river runners of today. His anecdotes kept us all spellbound, and his photography captured moments from the sublime beauties of the canyon itself to the calamities of some of the most ill-advised attempts at river travel. Certainly a delightful evening!

Our December meeting will be, as usual, our Holiday Party as well as the election of officers, and a short program will honor two people who have given a great deal to our association for many years. There will be a longer report about the services of these two people in next month's edition.

Our speaker for the January meeting will be Eddie Colyott, Park Ranger at the Tonto National Monument. During his 30-year service at the monument, Eddie has initiated education and preservation programs at the park and around the Tonto Basin. He is planning retirement for June of 2011, but expects to continue archaeological research into the natural world of the prehistoric peoples. The title of his program for Jan. 27th is *After Mammoth and Before Corn*. He will highlight the significant role that a couple of plants played during the Archaic period.

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

--Louise Fitzgerald



Yavapai Chapter

The last meeting of 2010 was our annual potluck, featuring Dr. Sandra Lynch from Sharlot Hall Museum as our speaker. In her talk, *The Savannah below the Ice*, Sandy shared drawings and photos of the remains of the wide variety of mammals that were in Arizona during the Ice Age. She pointed out that conditions here were very different during that period, more like the savannas of present day Africa. She also discussed the movement of mammals across the bridge between Asia and the Americas and how there was an exchange both ways, not just mammals coming from Asia, but new world mammals going to Asia and Europe as well.

The Jan. 20th speaker will be Charles Krauskopf, on archaeology in the Easter Islands. Members are welcome to join us for dinner at 5 pm on the upper level of the Prescott Brewing Company.

The Jan. 29th field trip will be to the MIR Fort, southwest of Wilhoit, just off of Wagoner Road. This dry-laid masonry, defensible hilltop site has several non-contiguous rooms and a beautiful view of the Hassayampa River. Mark Millman will be coordinating this trip.

The Ceramics course that begins in January is now full. However, there are three spaces left in the Survey Techniques course which will start March 1st. Contact Barbara Moebius, bmoebius@cablone.net if you are interested.

Yavapai Chapter's Community Outreach Program continues its objective of bringing archaeology to a wider audience. Fred Kraps spoke at the Prescott Public Library in October and Mark Millman spoke to the Chino Valley Historical Society in November. Both presentations about the Prescott Culture were received with enthusiasm and both men have been invited back to speak again. Coming up soon on Sunday, Jan. 16th, Fred returns to the Prescott Public Library at 2 pm to talk about petroglyphs.

--Susan Jones

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UPCOMING EVENTS

GUIDE TO LOCATIONS

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| AAHS | Arizona Archaeological and Historical Society. Meets in Duval Auditorium, Univ. Medical Center, 1501 N. Campbell Avenue, north of Speedway (www.statemuseum.arizona.edu/aaahs/lectures.shtml) . |
| AIA | Archaeological Institute of America, ASU Tempe, Business Administration C Wing, Room 116 |
| ASU | ASU Main Campus, Tempe, Anthropology Building, Room 340 |
| AWC | Arizona Western College, 2020 S. Avenue 8E, Business Administration Mr. 111, Yuma |
| CDAAC | Center for Desert Archaeology Archaeology Café, Casa Vicente, 375 S. Stone Avenue, Tucson, www.cdarc.org . |
| DVRAC | Deer Valley Rock Art Center, 3711 W. Deer Valley Rd, Phoenix 623-582-8007, dvrac.asu.edu . |
| OPAC | Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson, 520-798-1201, www.oldpueblo.org/index.html . |
| MNA | 3101 N. Ft. Valley Rd., Flagstaff, 928-774-5213, www.musnaz.org/ , |
| PCC | Pima Community College, 401 N. Bonita Ave., Tucson |
| PGM | Pueblo Grande Museum, 4619 E. Washington St., Phoenix 602-495-090, www.ci.phoenix.az.us/PARKS/pueblo.html . |

Jan. 5, 2–2:30 pm (also Jan. 19 & Feb. 2), PGM, Phoenix, Tour: *Behind the Scenes Tour* with Curator of Collections Holly Young. This is an opportunity to learn about the artifacts that are not on display in the museum and see how museums care for their collections. The tour is open to walk-in visitors with paid admissions on a first-come, first-served basis.

Jan. 5, 7:30 pm, PGM, Phoenix, PGMA Lecture: Dr. Stuart Scott and Dr. John Bexy will discuss *The archaeology of Paquime and the evolution of the modern Mata Ortiz pottery tradition*, focusing on the 2nd generation of Mata Ortiz artists, represented by Oralia Lopez. Dr. Scott will discuss the dendrochronology of Paquime during the original excavation of the site by Charles DiPeso during the late 1950s. Dr. Bezy has worked with the artists of Mata Ortiz for over 25 years, and has assisted some of them with the development and marketing of new designs. Dr. Bezy earned a PhD from the University of Arizona, taught in Southwestern colleges, and conducted geological studies with State and Federal agencies and private sector.

Jan. 7, 7:30 pm, Lost Dutchman State Park, *Friday Evening Star Talk Lecture Series*. Amateur astronomer Bill Dellenges is back for his 14th year of presenting 45-min. astronomy lectures at Lost Dutchman State Park. The informal talks will discuss the nature of stars and planets, a tour of the night's constellations using a green laser, star lore, and interesting facts about the night sky. A small telescope will be available before and after the sessions for a quick look at a planet, star cluster, or nebula that might be lurking about.

Jan. 8, 1:30 pm, BTA, Superior, Guided Walk: *Edible and Medicinal Desert Plants*. Apache Junction co-authors Jean Groen and Don Wells lead this walk, sharing their knowledge about the ways desert plants have fed, healed and clothed Sonoran desert peoples for more than a thousand years. This tour explores the Curandero Trail, which has steep sections that are not suitable for visitors who use wheelchairs or walkers. Read more about jojoba, creosote and prickly pears at <http://ag.arizona.edu/bta/edibleplants.html>.

Jan. 10, 7 pm, MNA & Sedona Muses, Sedona, Lecture: *Feathered Dinosaurs and the Origin of Birds*, by Dr. David Gillette, MNA Colbert Curator of Vertebrate Paleontology. First lecture of the 2011 Sedona Lecture Series. Sedona United Methodist Church, 110 Indian Cliffs Road, Sedona, Arizona. \$6 members/\$7 nonmembers

per lecture or \$20 members/\$25 nonmembers for the entire series. Tickets available at the door or in advance from MNA at 928-774-5213 or the Muses at 928-282-9781, Bashas' in Sedona, or Weber's IGA in the Village of Oak Creek. For decades, the fossil bird Archaeopteryx was the only Mesozoic link to modern birds. New, spectacular discoveries in Cretaceous sediments in China now demonstrate the direct link between small, feathered non-avian dinosaurs and small avian dinosaurs. These fossils preserve fossil skin, feathers, muscles, and other soft-part anatomy. Which came first, feathers or birds? Now we know!

Jan. 15, 8 – 11 am, PGM, Phoenix, Hike: *Petroglyph Discovery Hike* on the Kiwanis Ramadas Trail, South Mountain Park. An experienced PGM guide will lead participants on a 3-mile, 3-hour interpretive hike. Advance registration is required. Difficulty: Moderate Cost: \$8.

Jan. 11-March 19, OPAC, Tucson, Class: *Cultural Resources Survey Techniques and Practice*. 60-hour class with archaeologist Allen Dart. Class sessions 7 - 9:30 pm Tuesday evenings; field sessions 8 am - 4:30 pm on Saturdays (Jan. 22; Feb. 5, 19; March 5, 19). Fee \$180 (\$165 for OPAC and PGMA members). Min. enrollment 5, max. 10. Registration deadline Jan. 5. Reservations required: 520-798-1201 or info@oldpueblo.org to register or for more information.

Jan. 17, 7:30 pm, AAHS, Tucson, Lecture: *Tree-Rings, Documents, and Oral Histories in Cebolla Creek, New Mexico* by Ronald H. Towner, Assoc. Research Prof., Laboratory of Tree Ring Research, UA. The Cebolla Creek area of west-central New Mexico is an isolated area of lava flows, pinyon-juniper forests, and flat valley bottoms that is part of the El Malpais National Conservation Area. Completely depopulated today, in the early 20th century the area was home to Navajo, Hispanic, and Anglo populations who hunted, gathered, and farmed the canyon's resources. Research over the past five years has illuminated aspects of interaction and land-use by these groups during a critical time in New Mexico's history. This presentation uses tree-ring data, historical documents, and oral histories to illuminate the hardscrabble life of the area's occupants.



MORE UPCOMING EVENTS



An elaborate dugout at the Savage Homestead in Cebolla Creek, El Malpais NCA

Jan. 20, 6 - 8:30 pm, OPAC, Tucson, Dinner and Presentation: *Archaeological Insights into the 1698 Victory of the Sobaipuri O'odham over the Enemies of the Sonoran Province* by archaeologist Deni J. Seymour at Mimi's Café, 120 S. Wilmot Rd., Tucson (at Broadway Blvd.). Free - order your own dinner off of the restaurant's menu.

Jan. 25, 12 - 4 pm, PGM, Phoenix, Workshop: *Fingerweaving* with Albert Abril. Finger-weaving is an ancient form of flat braiding that precedes the use of the loom. In this workshop you will learn to set up and weave a belt using the ancient technique of finger weaving. This workshop is for ages 16 to adult. Spaces are limited and pre-registration is required. Cost: \$25 Ages: 16 to adult; max. number is 8.

Jan. 26, 6-7:30 pm, AIA, Tempe, Lecture: *Notes from the field: Kampsville Field School*, by Jane Buikstra, Regents' Professor of Bioarchaeology and Director, Center for Bioarchaeological Research, ASU's School of Human Evolution and Social Change.



Jan. 28, 10 - 11 am, PGM, Tour: *Park of the Four Waters*. This tour will take you through undeveloped, natural desert to the ruins of some of the canal systems built by the Hohokam people, who lived in the Salt River area from approx. 450 to 1450 AD, to support fields of corn, beans, squash and cotton. General admission prices apply.

Jan. 29, 9 am - noon, OPAC, Tucson, Workshop: *Arrowhead-Making and Flintknapping* with flintknapper Allen Denoyer. Learn how to make arrowheads, spear points, and other flaked stone artifacts just like ancient peoples did. Cost \$35 (\$28 for OPAC and PGMA members); fee includes all materials and equipment. Reservations required: call 520-798-1201 or go to info@oldpueblo.org.

Feb. 1, 12 - 4 pm, PGM, Phoenix, Workshop: *Knotless Netting* with Albert Abril. Knotless Netting is an ancient way of making fabric without a loom by looping into previous loops. This technique was used worldwide by many people and is still used in some places today. Some things commonly made were shoes, socks, mittens, and bags. Participants will make a small bag in this hands-on workshop. Pre-registration is required and the max. number of students is 12. Cost: \$25 Ages: 16 to adult.

Feb. 2, 7:30 - 9 pm, PGMA, Phoenix, Lecture: *Various topics on Archaeology and Anthropology*, by Ann Stone, Director of Graduate Studies and graduate students from ASU School of Human Evolution and Social Change .

Feb. 3, 6 pm, SWAT, Mesa: Membership meeting, speaker to be announced.

Feb. 5, 1-2 pm, DVRAC, Phoenix, Panel Discussion: *Painted, Scratched, Defaced: Rock Art Vandalism in Arizona* with Neil Weintraub, Kaibab N.F., Peter Pilles, Coconino N.F., Lyle Balenquah, MNA, Todd Bostwick, ret. City of Phoenix Archaeologist.

March 26-27, 10 am-4 pm, DVRAC, Phoenix: *ARIZONA ARCHAEOLOGY EXPO*.

Saturdays in January, 10 - 11 am, DVRAC, Guided Tours: Special guided tours of the petroglyph trail, nature preserve and museum. Tour is included with regular admission.



DVRAC Guided Tour



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OBJECTIVES OF AAS:

- To foster interest and research in the archaeology of Arizona
- To encourage better public understanding and concern for archaeological and cultural resources
- To protect antiquities by discouraging exploitation of archaeological resources
- To aid in the conservation and preservation of scientific and archaeological data and associated sites
- To serve as a bond between the professionals and the avocational non-professionals
- To increase knowledge and improve the skill of members in the disciplines of archaeology
- To participate in investigations in the field of archaeology and to put the information so obtained into published form
- To publish a journal and such monographs as the publications committee deems appropriate

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