



GLYPHS

The Monthly Newsletter of the
Arizona Archaeological and Historical Society
An Affiliate of the Arizona State Museum, University of Arizona
Founded in 1916



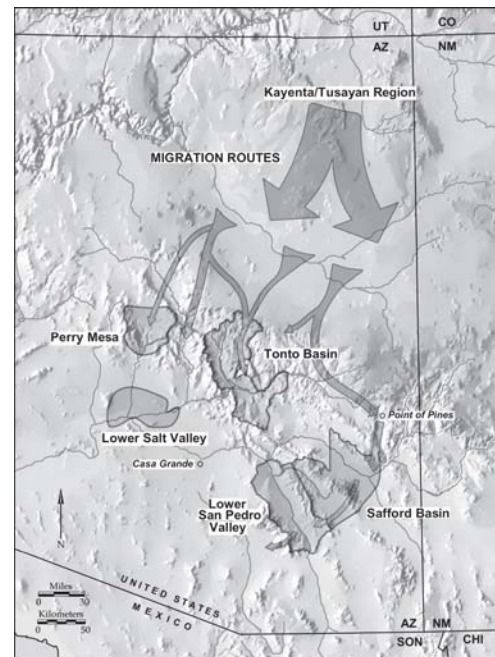
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Kayenta/Tusayan migration routes and project study areas in central and southern Arizona.

Next General Meeting: June 15, 2009

<<http://www.statemuseum.arizona.edu/aahs/aahs.shtml>>

PRESIDENT'S MESSAGE

Transitions

 The AAHS election process has been completed, and the slate of Officers and new Board Members has been elected by the membership.

The Board terms of Board members Doug Gann and Lauren Jelinek will end on June 30. I would like to thank both Doug and Lauren for their service and considerable work on behalf of the Society. Both will be miss-ed.

Joining the Board on July 1 will be Don Burgess, Bill Gillespie, George Harding, and Scott O'Mack. Don and George will also be Officers of the Society, Don as President and George as Assistant Treasurer. Each of these individuals has much to bring to AAHS, and I would like to welcome them to the Board of Directors.

Current Board Members Jesse Ballinger, Katherine Cerino, and Tineke Van Zandt have extended their terms. All three have been outstanding Board Members during their first terms, and I would like to thank them for agreeing to serve an additional term on the Board. They will be joined by a number of continuing Board Members who were not up for re-election and will provide excellent continuity to the organization.

My term as President of AAHS and as a Board Member ends on June

30, so this is my final President's Message. I have very much enjoyed the opportunity to serve the Society as a Board Member over the past three years and as President for the past two years. I have met and



worked with many interesting and dedicated people who contribute to the Society in a variety of ways. I have often been humbled by the creativity and commitment of many of these people and thank them for all they have done.

Many people are involved in making AAHS a success, and I would like to express my appreciation to all of them. I thank the Society's Officers, Members of the Board of Directors, Committee Chairs and Members, Editors, and the numerous volunteers who have helped with the work of the Society. It has been a pleasure to work with all of you.

I am excited about the Society's prospects over the next few years. The newly elected Officers and Directors are an excellent group who will serve the Society well. Their efforts will be very capably led by our new President Don Burgess, a person with great ideas who gets things done.

The Society's future looks bright to me.

—Peter Boyle, President

AAHS LECTURE SERIES

All meetings are held at the University Medical Center, Duval Auditorium Third Monday of the month, 7:30–9:00 p.m.

- June 15, 2009: Jeffery Clark, *Migration, Aggregation, and Collapse in the Southern Southwest*
- July 20, 2009: William Graves, *History, Households, and Power in the Ancient Hohokam World*
- Sept. 21, 2009: Bettina Lyons, *Zeckendorfs and Steinfelds: Merchant Princes of the Southwest*

ARIZONA ARCHAEOLOGICAL AND HISTORICAL SOCIETY APPRECIATION AWARDS

This year, Appreciation Awards are being given to three individuals who have been long-standing friends of AAHS and who have made many contributions to the Society over the past several years.

Mel Copeland: Mel has played important roles for AAHS both as a member of the Board of Directors and of AAHS committees. He chaired the Fundraising Committee for several years and successfully organized the annual raffle to support our Scholarship and Grants Program. Additionally, Mel has handled publicity for AAHS, ensuring listing of upcoming events in local publications and electronic media.

Bill Hallett: Bill has served the Society for many years as a member of the Board of Directors and for three years as President. Bill has a passion for our Outreach Activities and, for years, has represented the Society at events such as the Pecos Conference and Archeology Expo. Bill has always taken the lead to ensure that our booth is updated and adequately staffed. Additionally, Bill served as a valuable member of the Activities Committee and as wise advisor to the President.

Sarah Herr: Sarah has been a past Board Member and has been Co-chair of the Publications Committee for many years. Sarah plays a vital role in coordinating communications between the Society and the editors and publishers of our publications. She has been extremely effective in keeping the Board up-to-date on the activities of the Publications Committee and involving the Board in decision-making when necessary. Her effort is a big reason why the Publications Committee is so successful.

AAHS HAPPENINGS
TOPIC OF THE JUNE 15 GENERAL MEETING

**Migration, Aggregation, and Collapse in the
 Southern Southwest**

by Jeffery Clark

With National Science Foundation support, Center for Desert Archaeology personnel studied the archaeological “disappearance” of more than 40,000 people (roughly 75 percent of the population) in the southern Southwest nearly a century before the arrival of the Spanish and European diseases. In addition to limited fieldwork, late precontact ceramic and obsidian collections at the Arizona State Museum, Arizona State University, the Museum of Northern Arizona, Pueblo Grande Museum, and Eastern Arizona College were reexamined using new analytical techniques.

During the late 13th century A.D., some Kayenta and Tusayan groups from northeastern Arizona immigrated over 185 miles to the river valleys of southern Arizona. Despite their dispersal, scattered immigrant settlements maintained social and economic connections that presented serious challenges to local communities. Initial responses by locals included aggregation into compact and defensible villages, clear demarcation of territories, and overt displays of local identities. In some areas, migrants and locals engaged in conflict.

In other areas, they eventually established trade relations and developed inclusive religions and hybrid identities.

Despite evidence for local environmental degradation and population attrition by the mid-14th century, populations remained aggregated even in areas where immigrants and locals were getting along. The failure to return to a more sustainable, dispersed settlement pattern is puzzling, but may be attributed to continued security concerns, powerful leaders, and/or resistance to change during a time of instability.

By the end of the 14th century, population loss accelerated, and many settlements failed as the negative effects of aggregation were further exacerbated by another interval of climatic variability. By the mid-15th century, the last large villages in the southern Southwest were vacated. Their residents adopted a radically different lifestyle that left few archaeological traces, or they emigrated to distant communities such as Hopi and Zuni.

Although this project focused on past small-scale societies, many themes resonate with contemporary

society. People can survive floods and droughts, but societies may not if they are already under severe stress or if they lack institutions and leaders that can effectively respond to change. Depending on the context, environmental problems can be mitigated in the social sphere or they can be magnified to the point of crisis and collapse. Migration and aggregation were common responses to local crises in the late precontact Southwest that had profound effects on Native American societies. Current headlines reveal that little has changed today except the scale of movement and the size of the populations.

Speaker Jeffery Clark received both his Ph.D. (1997) and M.A. (1990) from the University of Arizona, and his B.A. (1983) from Cornell University. Dr. Clark has spent the past 20 years conducting research in the Tonto Basin, the San Pedro Valley, and the Safford Basin of central and southern Arizona. During the 1990s, he supervised large contract projects funded by the Bureau of Reclamation and the Arizona Department of Transportation in the Tonto Basin as a project director for Desert Archaeology, Inc. In addition to the American Southwest, he has worked extensively in southwest Asia, including excavations in Israel, Syria, and Iraq. Dr. Clark's research has focused on assessing the scale and impact of human migration. He is currently a preservation archaeologist for the Center for Desert Archaeology, a non-profit organization in Tucson.

Suggested Reading:

- Clark, Jeffery J., Patrick D. Lyons, J. Brett Hill, Anna A. Neuzil, and William H. Doelle
 2008 Immigrants and Population Collapse in the Southern Southwest. *Archaeology Southwest* 22(4).
- Hill, J. Brett, Jeffery J. Clark, William H. Doelle, and Patrick D. Lyons
 2004 Prehistoric Demography in the Southwest: Migration, Coalescence, and Hohokam Population Decline. *American Antiquity* 69:689-716.
- Lyons, Patrick D., and Alexander J. Lindsay, Jr.
 2006 Perforated Plates and the Salado Phenomenon. *Kiva* 72:5-54.

UPCOMING AAHS FIELD TRIPS

AAHS membership is required to participate in field trips. Prospective members may attend one AAHS field trip prior to joining.

At the moment, no field trips are planned for June, July, or August. We will shortly be forming a field trip committee from those who responded on the volunteer questionnaire and will have a full program of field trips starting in September. If you have any ideas for places you would like to visit or if you would like to join our committee, please send an e-mail to <kcerino@gmail.com>. If any field trip opportunities come up over the summer, we will notify members by e-mail. We had a great year out in the field and look forward to another one.

NEW AAHS BOARD ELECTED

One hundred ballots were received by the April 30 deadline and a new AAHS Board has been elected; the new Board will be installed on July 1. Don Burgess will become the new AAHS President. Other recently elected members are: Katherine Cerino (VP for Activities), Donna Yoder (VP for Membership), William Graves (Treasurer), George Harding (Assistant Treasurer), Tineke Van Zandt (Recording Secretary), and Sharon Urban (Corresponding Secretary). Jesse Ballenger, William Gillespie, and Scott O'Mack were elected to the Board as Members-at-Large. Continuing on the Board are Todd Pitezel, Alex Cook, Thomas Euler, David McLean, Werner Zimmt, and Matt Pailles (Student Representative).

Peter Boyle (President), Doug Gann (VP for Membership), and Lauren Jelinek will be leaving the Board.

AAHS NAVAJO RUG STUDY GROUP

Join a discussion about Navajo reservation trading posts with your fellow AAHS members, together with members of the Tucson Museum of Art. Saturday, June 13, 10:00 a.m., we will meet at the Tucson Museum of Art to share our experiences about interesting trading posts to visit this summer and their associated rug styles. For more information, contact Marie Lynn Hunken at <NavajoRugInfo@gmail.com>.

NEW AAHS T'S, HATS, & WATER BOTTLES

New AAHS t-shirts, hats, and water bottles are now available! Designed by AAHS member Janine Hernbrode (third from the left in the photo), they feature petroglyphs from Tumamoc Hill. Shirts are available in both traditional t-shirt style (\$15.00) and in a women's cute (\$16.00). The beige hat has a pull-down sun flap to cover the neck; a traditional ball cap is available in black. Both are \$15.00. The 24-oz water bottles are BPA-free; cost is \$12.00. We will be selling at AAHS meetings this spring and at the Pecos Conference in August. If you just have to have one of these items and do not live where you are able to come to meetings, contact <kcerino@gmail.com> and I will be glad to mail them to you for the cost of the postage.

2009 PECOS CONFERENCE

The 2009 Pecos Conference will be held August 6-9, 2009, in Cortez, Colorado. Held annually since 1927 (with the exception of one 10-year hiatus), participants at the Pecos Conference present academic papers and recent research concerning archaeology in the American Southwest. The conference is geared toward professional archaeologists, avocationalists, and the interested general public.

This year, the conference is hosted by Cortez Cultural Center and sponsored by Fort Lewis College, the U.S. Forest Service, the Bureau of Land Management, the National Park Service, Crow Canyon Archaeological Center, the Colorado Archaeological Society, the City of Cortez and Montezuma County, McElmo Canyon Research Institute, and ARAMARK.

Activities include a Thursday night reception (at the Cortez Cultural Center), presentations about current research on Friday and Saturday (McPhee Campground Group Camping Area), moving a large, heavy stone with pre-historic technology, a job fair, a catered dinner and dance featuring live music on Saturday night, and tours of archaeological sites on Sunday.

A wide variety of field trips are being offered to Pecos Conference participants this year. These include:

- ◆ AHC Curation Tours
- ◆ Boon Pueblo and Wancura-Johnson Archaeological Preserves
- ◆ Boulder House and Fortified Spur
- ◆ Chimney Rock
- ◆ Flora Vista and Holmes Group
- ◆ Goodman Point Pueblo
- ◆ Lost Canyon
- ◆ Mitchell Springs and Hawkins Pueblo Community
- ◆ Mud Springs Archaeological Preserve
- ◆ Pigg Site
- ◆ North Base of Mesa Verde Escarpment
- ◆ Square Tower House
- ◆ Yellow Jacket Pueblo Archaeological Preserve
- ◆ Yucca House National Monument
- ◆ Cannonball Pueblo
- ◆ Ute Tribal Park, Full-day Tour
- ◆ Ute Tribal Park, Half-day Tour
- ◆ Hovenweep National Monument
- ◆ Aztec Ruin
- ◆ Woods Canyon

For more information, including registration information, camping and lodging guides, times, map, etc., visit <<http://pecos.cortezculturalcenter.org>>.

THE CORNERSTONE

AZSITE Goes Public

by Rick Karl, AZSITE Administrator
Arizona State Museum

AZSITE, Arizona's cultural resource inventory, is going mainstream with *AZSITE Public*. While the new, publicly accessible portal does require users to register and generate a username and password, there is no restriction on who can register.

The public portal can be accessed through any one of four URLs:

- ♦ Public AZSITE,
<<http://azsitepublic.asu.edu>>
- ♦ Main AZSITE page,
<<http://www.azsite.arizona.edu>>
- ♦ AZSITE Map Application,
<<http://azmap.asu.edu>>
- ♦ AZSITE Faunal Database Search,
<<http://faunaz.asu.edu>>

AZSITE, headquarter at and managed by Arizona State Museum, was officially recognized in 2006, by then Governor Janet Napolitano. Signing Executive Order 2006-3, she made AZSITE the official geographic information system for managing cultural resources in the state of Arizona, and directed all state agencies to submit their cultural resource data to the AZSITE system. Given the sensitive nature of cultural resources, AZSITE has always been secured, allowing access only to those individuals and agencies that had "just cause" to view the data.

AZSITE Public is designed to provide an overview of currently recorded cultural resource density

within the state, excluding tribal lands, at the section level (1 mi²). Users can log in, and through a series of tools, move to a specific location to display a color-coded grid of the 1-mi² sections. Using an "identify" tool, users can then click on each section in the grid, and it will display the percentage of that section that has been surveyed and the percentage of those areas that has been recorded as cultural resources. The information is updated every time new data are uploaded into the main AZSITE database.

This will quickly provide users with a broad overview of the potential cultural resource impact that may occur during land development without providing specific location information to culturally sensitive data. It may be useful for preliminary planning purposes, however, it does not constitute scientific research and documentation to satisfy Federal Section 106 or State Historic Preservation Act compliance.

In the future, *AZSITE Public* will display canal locations, national landmark locations, and other such data of interest to the general public. Still, no data from within officially recognized Tribal lands will be included.

AZSITE Public is the direct result of the hard work and foresight of the

AZSITE Board: Arizona State Museum, Museum of Northern Arizona, State Historic Preservation Office, and Arizona State University. Funding for portions of *AZSITE Public* was provided by Arizona State Parks. The development of the user-friendly, public portal would not have been possible without the geospatial expertise of the Institute of Social Science Research at Arizona State University.

For more information, contact Rick Karl, AZSITE administrator, Arizona State Museum, 520.621.1271, or <karlr@email.arizona.edu>.

The Cornerstone is presented by:
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UPCOMING ARIZONA STATE MUSEUM EVENTS

3D Sales

May-June, 2009

Native Goods, the museum store, again offers its famous annual 3D sales! Enjoy 30 percent off for three days only on: Baskets, May 22-24; Jewelry, May 29-31; Carvings, June 5-7; Pottery, June 12-14; Textiles, June 19-21. (No compound discounts; discounts not available on consigned goods.)

Southern Arizona's Ranching Heritage Learning Expedition

November 8, 2009

Visit tour historic sites (Empire Ranch, Babocómari Ranch, Audubon-Whittell Research Ranch, and WildEarth Guardians' State Land Restoration Project) and learn about the history of cattle ranching in southern Arizona, current efforts to preserve our ranching heritage, and the implementation of new methods to maintain/restore healthy ecological function to grasslands and watersheds. See <<http://www.statemuseum.arizona.edu/public/tours.shtml>> for complete itinerary. (Hosted by Arizona State Museum's Office of Ethnohistorical Research.)

CORRECTION. . . TO MAY'S "CORNERSTONE"

Lava Ridge Ruin is a University of Nevada Las Vegas project, funded by the National Park Service. Karen Harry, Ph.D., associate professor of anthropology at UNLV, is the principal investigator. Dr. Jim Watson served as field assistant on the project.

OLD PUEBLO ARCHAEOLOGY

TUSD Ajo Service Center, 2201 W. 44th Street, Tucson, AZ
520.798.1201, <info@oldpueblo.org>

**Mimbres Ruins, Rock Art, and Museums of Southern New Mexico
Pima Community College study tour
June 19-23, 2009**

We regret to announce that this site tour has been cancelled. The tour will be offered again in late spring 2010.

**Arrowhead-making and Flintknapping Workshop
Old Pueblo Archaeology
June 27, 2009; 9:00 a.m.-12:00 p.m.**

Flintknapper Allen Denoyer teaches a hands-on workshop on making arrowheads and spear points out of stone to better understand how ancient people made and used stone artifacts. The class is designed to help modern people understand how prehistoric Native Americans made and used artifacts; it is not intended to train students how to make artwork for sale. Class is limited to 10 registrants. Advance reservations required: 520.798.1202, or <info@oldpueblo.org>. [\$35, nonmembers; \$28, Old Pueblo Archaeology Center and Pueblo Grande Museum Auxiliary members]

**Set in Stone But Not in Meaning: Southwestern Indian Rock Art
Gila County Historical Society and Bullion Plaza Cultural Center and
Museum, Bullion Plaza Museum, 21 Plaza Circle, Miami, Arizona
July 11, 2009; 6:00-7:30 p.m.**

Archaeologist Allen Dart illustrates pictographs (rock paintings) and petroglyphs (symbols carved or pecked on rocks) and discusses how even the same rock art symbol may be interpreted differently from popular, scientific, and modern Native American perspectives. Co-sponsored by the Arizona Humanities Council. [Free; no reservations needed]

GLYPHS: Information and articles to be included in *Glyphs* must be received by the 10th of each month for inclusion in the next month's issue. E-mail me, Emilee Mead, at <emilee@desert.com>, or contact me at Desert Archaeology, Inc., 3975 N. Tucson Blvd., Tucson, AZ 85716; 520.881.2244 (phone), 520.909.3662 (cell), 520.881.0325 (FAX).

AAHS WEBSITE: *Glyphs* is posted each month and can be found on the ASM/AAHS website at: <<http://www.statemuseum.arizona.edu/aahs/aahs.shtml>>, and it can also be found at: <<http://www.swanet.org/zarchives/aahs/>>.

AAHS MEMBERSHIP/SUBSCRIPTION APPLICATION

(A membership subscription makes a great gift for your loved ones!)

All members receive discounts on Society field trips and classes.
Monthly meetings are free and open to the public.

Categories of Membership

- \$45 **Kiva** members receive 4 issues of *Kiva*, 12 issues of *Glyphs*, and all current benefits
- \$35 **Glyphs** members receive *Glyphs*
- \$30 **Student Kiva** members receive both *Glyphs* and *Kiva*
- \$15 **Student Glyphs** members receive *Glyphs*
- \$75 **Contributors** receive *Glyphs*, *Kiva*, and all current benefits
- \$100 **Supporters** receive *Glyphs*, *Kiva*, and all current benefits
- \$250 **Sponsors** receive *Glyphs*, *Kiva*, and all current benefits
- \$1,000 **Lifetime** members receive *Glyphs*, *Kiva*, and all current benefits

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- Please do NOT release my name on requests for the AAHS mailing list.

MEMBERSHIP/SUBSCRIPTION INFORMATION

Visitors are welcome at all of the Society's regular monthly meetings but are encouraged to become members to receive the Society's publications and to participate in its activities at discount rates.

Memberships and subscriptions run for one year beginning on July 1 and ending June 30. Membership provides one volume (four issues) of *Kiva*, the Journal of Southwestern Anthropology and History, and 12 issues of the monthly newsletter *Glyphs*.

For a brochure, information, or membership/subscription application forms, contact:

Doug Gann, VP Membership
Arizona Archaeological and Historical Society
Arizona State Museum, University of Arizona
Tucson, AZ 85721-0026 USA
<dgann@cdarc.org>

Libraries and other institutions interested in institutional subscriptions to *Kiva* should contact the publisher, AltaMira Press, at <www.altamirapress.com> or 800.273.2223.

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The objectives of the Arizona Archaeological and Historical Society are to encourage scholarly pursuits in areas of history and anthropology of the southwestern United States and northern Mexico; to encourage the preservation of archaeological and historical sites; to encourage the scientific and legal gathering of cultural information and materials; to publish the results of archaeological, historical, and ethnographic investigations; to aid in the functions and programs of the Arizona State Museum, University of Arizona; and to provide educational opportunities through lectures, field trips, and other activities. See inside back cover for information about the Society's programs and membership and subscription requirements.