Pueblo Pintado sketch by Richard Kerns in 1849. (Kerns was the artist on the Simpson Expedition to Chaco Canyon.)

Photo courtesy of John Ware

Next AAHS General Meeting, June 21st at the Duval Auditorium, University Medical Center
PRESIDENT’S MESSAGE

I believe it was Yogi Berra of the New York Yankees who was quoted as saying, "It's deja vu all over again." That's the feeling I have as I sit down for the 36th time to compose this President’s Message forGlyphs. Each individual time has seemed to last an eternity, but the total 36 times — that's three years! — seems to have flown past in a flash. It's been a gratifying time for me. I've learned a great deal, had many great experiences, and made numerous friends. "To be rich in friends is to be poor in nothing" (Lilian Whiting).

The list of people/friends to whom I'm indebted for your assistance, encouragement, help, and, often, your prodding is a very long one. I can't possibly name you all in the space available to me. Included are the AAHS Board members and officers; the various AAHS committee chairs and members; faculty and staff of ASM and UA; employees of numerous governmental and contract archaeological entities; the loyal members and supporters of AAHS; and all those who have listened to our story. We would be hard pressed to fulfill the Society’s objectives without all their active participation.

A few persons need to be identified by name, however — no offense and my apologies to those not so identified. Lynne Attardi, Glyphs Editor, works diligently behind the scenes monthly to put our newsletter together. Ron Towner, KIVA Acquisitions Editor, also spends many hours in selecting papers to maintain the high standards of our premiere journal. Both editors work closely with the Publications Committee, co-chaired by Beth Grindell and Sarah Herr.

Don Kucera, VP-Activities, spends astronomical energy and time to organize our monthly lectures and field trips. Jeff Clark and Laurie Webster, Education Committee co-chairs, continue to produce an on-going run of excellent programs. Jeff also faithfully operates the projection equipment at our lectures and co-chairs the Haury Fund Committee. Laurie also chairs the Scholarship Committee (chaired for the past nine years by Art Vokes).

Anna Neuzil, Recording Secretary, keeps us promptly informed and forewarned about upcoming meetings. Jane Delaney and Velma Shoemaker set up the coffee/cookie snack bar at our monthly meetings to help us socialize.

Virginia Hanson, Fundraising/Raffle Committee chair, with invaluable help from Mel Copeland, generates funds for the annual Scholarship/Grants Awards.

Speaking of awards brings to mind Gayle Hartmann, Awards Committee chair, who is also AAHS’s Historian, Nominating Committee chair, Steering Committee member, etc. — a multi-tasker extraordinaire. Barbara Murphy, Library Committee chair, with her host of helpers, conducts very successful book sales for the ASM Library Acquisitions Fund.

The Archaeology Month Committee, co-chaired by Don Burgess, Rich Lange and Darlene Lizarraga, orchestrates an excellent series of lectures during this signature month.

Keith Knoblock, VP Membership, manipulates the membership database to facilitate timely mailings of Glyphs and KIVA. Sharon Urban does many things as Corresponding Secretary and member of the Membership Committee.

And what would we do without
Madelyn and Alex Cook — she, as Super Volunteer, and he, as Assistant Treasurer, among many other things.

THANKS A BUNCH TO EVERYONE!!!

Your Steering Committee has prepared a list of recommendations for the guidance of the new incoming Board and President. These, along with continued support from you, THE MEMBERSHIP, will assist them to lead AAHS to new levels of success as we approach our 90th Anniversary in 2006. Someone (unknown) once said: "It isn't enough to put your best foot forward; you have to follow through with the other foot too.” And, "Stopping at third base adds no more to the score than striking out" (Alexander Animator).

So, Put Both Feet Forward and Go All the Way to Support AAHS!!!  Thanks for letting me be your president.

Bill Hallett, President

RAYMOND H. THOMPSON — ERUDITE AT 80

On Friday, May 7, 2004, the Hacienda Del Sol Guest Ranch Resort, Tucson, Arizona, played host to some 84 enthusiastic well-wishers gathered to pay tribute to Dr. Raymond H. Thompson. Former ASM Director and UA Riecker Distinguished Professor Emeritus, "Ray" provided all the excuse required for this occasion by reaching his "advanced maturity" — his 80th birthday. Master of Ceremonies, Beth Grindell, Associate Director, ASM, recalled past events with humorous comments and introduced President Emeritus, UA, John P. Schaefer, who dispensed "enlightening details" of Ray's career. Lorraine W. Frank, Arizona Board of Regents, shared other comments of past contact with Ray.

Additional compliments were voiced by John Olsen, UA Anthropology Department, and Bill Longacre, Professor of Anthropology (retired). Ray responded humbly, and even though he does not really appreciate "fuss" over himself, he will do his best to be available for another party in five years, as requested by Dr. Schaefer. Ray's wife, partner, and help mate, Molly, as well as two granddaughters visiting from France, were on hand to further cheer his day. It was a well-deserved tribute and very much enjoyed by all present. AAHS wishes you MANY HAPPY RETURNS, RAY!

AAHS PREVIEW OF SUMMER ACTIVITIES

JULY:  David Faust with the Arizona Historical Society will give the
July Talk and Field Trip
Monday, July 19, 7:30 p.m.: Lecture, History of Fort Lowell
Saturday, July 24, 8 a.m.: Field Trip to Fort Lowell

AUGUST:  No general meeting so you can make plans to attend the
The 77th Pecos Conference in Bluff, Utah on August 12-15.

Glyphs — Receipt of information and articles to be included in Glyphs must be received by the 10th of each month for the next month’s issue. Write to AAHS, ASM, University of Arizona, Tucson, AZ 85737, or e-mail <LTAGlyphs@aol.com>. Glyphs can be found on the Internet at SWA’s website: <http://www.swanet.org/zarchives/aahs/>. 
There are many aspects of Arizona State Museum’s duties and services that are not well known to the public. For example, as part of our legally mandated role to administer portions of the state’s historic preservation laws, Arizona State Museum staff are responsible for ensuring that human burials are treated appropriately whenever they are encountered — whether by a homeowner digging in a garden or a road crew widening a freeway. As a result, we often get phone calls from archaeologists, tribal representatives, law enforcement officials, or from the general public asking for help in identifying whether accidentally discovered bones are human or from some other animal. Because humans are animals, even experts, such as police officers, can get confused. For example, during hunting season, police are often called with reports of human hand bones found in the woods. On examination, these most often turn out to be bear paws.

At ASM, we have two curators who specialize in the study of bones. Dr. Barnet Pavao-Zuckerman is a zooarchaeologist and is expert in the identification of animal bones. Dr. Lane Beck is a bioarchaeologist and specializes in the analysis of human skeletal remains. The two of them often work together to identify fragments brought to ASM by various officials.

So how can you tell from a tiny fragment of bone if it is human or not? There are several high tech approaches that can identify even the tiniest of fragments. Molecular genetics extracts DNA from bone and use that DNA to determine species. The “histologic approach” examines small sections of bone to reveal remodeling patterns that are distinctive of a certain species.

While these high-tech and microscopic techniques are definitive, they destroy the bone during the course of examination. So most of the time, “gross morphology” (the shape, form, and texture) is used to determine the species of a bone fragment.

Humans are unusual animals: We are relatively large-bodied, live long lives, and walk on two feet. Conveniently, these features show up in even the smallest pieces of our skeletons. In general, human bone is less dense than bones of other animals of a similar size. The general shape of our bones tends to be somewhat more softly curved or less angular than the bones of most large mammals. The marrow cavity of human long bones tends to have more spongy or trabecular bone inside, while most animal long bones tend to be more hollow.

These specialized observational and analytical skills take years of practice to develop, but Barney and Lane are hoping to be able to offer workshops to archaeologists and law enforcement personnel in the near future to help train them in recognizing human bone.

For more information about our two “bone labs” at ASM or about possible upcoming workshops, feel free to contact either Dr. Barnet Pavao-Zuckerman at 520/626-3989 or Dr. Lane Beck 520/626-5579.

**UPCOMING EVENTS AT ARIZONA STATE MUSEUM**
Saturday, June 19, 5-8:30 p.m.

MARKING THE SOLSTICE: A MULTICULTURAL CELEBRATION

Enjoy hands-on activities, songs, stories, dances, and presentations relating to the sun and moon, stars and rain, planting and harvesting from a variety of cultures. Bring a picnic basket, a blanket, or lawn chairs for a full evening of family fun.

July 26-30, 2004

ARCHAEOLOGY SUMMER CAMP for ADULTS

Enjoy indoor summer archaeology as part of an ASM research team. Museum researchers and scholars are your teachers. An air-conditioned laboratory is your setting. Experience first-hand how and what archaeologists learn about Arizona’s ancient cultures through hands-on activities, lectures, tours, and more. ($270 members, $300 non members)

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SATURDAY, JUNE 26TH FIELD TRIP TO THE AMERIND FOUNDATION

This month’s field trip will be to The Amerind Foundation. Many of you have visited this remote area between the Little Dragoons and Dragoon Mountains and the past homeland of the Chiricahua Apaches, but it is always nice to visit it again. If you have never visited The Amerind, it is a hidden gem near Texas Canyon with two exhibit structures. Just being there is an experience in itself; it is quiet, has interesting standing geology, outstanding architecture, with a world class archaeological/anthropological museum and a broad scope art museum and, of course, the natural history surroundings.

Come and join us at The Amerind at 10 a.m. Bring a picnic lunch, and AAHS will provide cold lemonade. The Foundation is east of Tucson and Benson and off of I-10, Exit 318 (Dragoon).

Trip fee is $10.00 for members and $20.00 for nonmembers; this will include admission to the museums. Please register with Don Kucera at 520/792-0554 or at gdkanza@aol.com. Also, with the high cost of fuel and in an attempt to conserve it, we would like to car pool. If you have room in your vehicle or would like a ride, please let Don know.
Chaco, with its massive architecture, earthworks, roads, and other monumental constructions is often described as so unusual, so strange, that there must be an unusual explanation for how it functioned and why it came to be. And so, Chaco has been described as a Mesoamerican outpost, redistributive chiefdom, tributary state, “rituality,” and some have even claimed that Chaco may be “exceptional on a global scale” (Saitta 1997). This presentation will explore some of the socio-economic conditions that preceded and succeeded Chaco, and concludes that Chaco may not be very strange after all. Normalizing the Chaco Phenomenon by placing it back in a Pueblo social historical trajectory is essential, it is argued, if we are to comprehend the inner workings of Chacoan society and polity.
Speaker John Ware has done archaeological research in the northern Southwest for more than 30 years, much of it as an archaeologist with the Laboratory of Anthropology and Office of Archaeological Studies in Santa Fe. He is currently director of the Amerind Foundation in Dragoon, Arizona, and, for the last several years, has been writing a book on Pueblo social history.

**AAHS MEETING TIME AND PLACE**

The Arizona Archaeological and Historical Society’s monthly meeting will be held on June 21, 2004 at 7:30 p.m. at Duval Auditorium, University Medical Center, 1501 North Campbell Avenue (north of Speedway). Duval Auditorium can be reached by proceeding either north or south on North Campbell and turning west into the UMC between the two traffic lights — one is at Speedway and one is at Elm. Free parking is available south of Mabel Street, across from the College of Nursing. The Front Entrance is on the top level of the parking structure. Duval Auditorium is on the 2nd level of the Hospital. Upon entering the Front Entrance, turn right and then follow the signs to Duval Auditorium.
On June 22, 1929, Dr. Andrew E. Douglass, the “father” of dendrochronology, found a piece of wood, called HH-39, which became known as the “Rosetta Stone of American Archaeology,” in a Mogollon-era dwelling located in Show Low, Arizona.

At that time, scientists were wondering when various peoples inhabited abandoned sites such as Mesa Verde, Chaco Canyon, and others, throughout the Southwest. The study of dendrochronology, or tree rings, became the standard for determining the age of ancient dwellings. However, there was a missing span of time that could not be explained. Seventy-five years ago in Show Low, the “missing link” or wood specimen HH-39, tied together two chronological dates. For the first time archaeologists had, or could get, common-era calendar dates with which to guide their analyses of prehistoric sites. This discovery of tree-ring specimen HH-39, at the Whipple Ruin, later known as the Show Low Ruin, changed Southwestern Archaeology forever.

On Saturday, June 19, 2004, at 1 p.m., in the Show Low Primary School, located at 1350 N. Central, Dr. Stephen E. Nash will speak. Dr. Nash is Head of Collections, Department of Anthropology, the Field Museum, Chicago, Illinois. He will tell us about the colorful characters, innovating institutions, and surprising situations that played out as this fascinatingly scientific process unfolded here in Show Low in 1929.

The Show Low Historical Society Museum has a special exhibit celebrating the finding of the “Rosetta Stone of Southwestern Archaeology.” The exhibit will be unveiled on June 19, 2004. It contains objections from the Show Low Ruin, and was developed by the University of Arizona and the Arizona State Museum.

Tickets are $2 per person. Seating is limited. Please contact Melanie Hefner at 928/532-7115 for reservations or more information.

OLD PUEBLO ARCHAEOLOGY SUMMER CAMPS
JUNE 7-11 & JUNE 14-18

In partnership with the Catalina Foothills Community Schools summer program, OPAC will offer a week-long "Old Pueblo Archaeology Camp" for children of two different age groups in June. This summer camp, 9 a.m. to noon on each of its five days, gives students a unique and hands-on experience in the field of archaeology. Instructor is OPAC’s Beth Walters, an archaeology technician who is completing her degree in Education. The camp is open to the general public. Fee is $85 per child. To register, email Catalina Foothills School District at <cs@cfisd.k12.az.us> to request a Community Schools ID number and pass code, then access CFSD's online registration at http://cs.cfsd.k12.az.us/webreg.

For more information, call CFSD Community Schools, 520/577-5304.
There were 23 folks plus one dog that embraced the beautiful day to hike an hour to a rock art site. There was a profusion of wildflowers there including owl clover, lupine, chicory, brittlebush, scalloped-leaf Phacelia, and desert larkspur, just to name a few. Some even saw a Delphinium — that is a cultivated flower of the buttercup family of which the larkspur is a member! We reached the site at 11 a.m., and camera shutters started clicking away in rapid-fire succession. From all over the north end of the site you could hear, “Look at this one”; “Oh, look at this”; and, “Where was that one with the bear paw print?”

Rock art (petroglyphs in this case) were found in three close-together clusters, and most of us stayed to the end to see them. At this site there were three instances where natural protrusions were surrounded by one or more circles. This, no doubt, was of special significance to the rock art creators.

Other elements included human (anthropomorphs) stick figures, quadrupeds (zoomorphs), and a variety of geometrics including one “daisy-like” motif. An added treat was the presence of a running stream at the edge of the site. The dog took full advantage of it, though no one took off their shoes to wade. However, the pools and mini-waterfalls were well photographed. And, of course, the sound of running water in the desert was a form of background music for the trip.

Just before leaving (12:45 p.m.), a large, much-faded glyph was spotted across the stream on the south side that caused considerable debate as to its character amongst those viewing it. Most prominent were two long lines ending in right angles with a short line attached (all resembling long legs and feet). To some, these lines were legs of a large “water bird,” and, to another, the front feet of a large quadruped. Despite the discussion, there was no consensus of opinion as to which animal may have been represented by the glyph. As is usually said, “More study is needed to make a determination!”

On the return trip some took the low road, while others, the high road. We all ended back at the vehicles more or less at the same time. Some folks rode in the back of pickup trucks, and others had cushier rides inside a vehicle. By the time we returned to the staging point, it was hot (85º), so folks said their goodbyes and quickly left.

A special thanks to Barbara Murphy for her tuck taxi service down and up the ridge, and to Barbara, again, and Debbie Carroll for keeping tabs on the end of the line!

Despite several emails to the USGS, a reply to my query on how Baby Jesus Ridge got its name has not been sent.
On April 18, 2004, at the Arizona State Museum, Tucson, Arizona, the occasion was a “Celebration of Life.” There was standing room only — a crowd of family, friends, colleagues and others crammed the front lobby to celebrate the life of this outstanding former member of the UA Faculty and ASM Staff. Welcoming remarks by Hartman Lomawaima and Dr. Raymond H. Thompson, Director and Director Emeritus, ASM, were followed by memorial perspectives and reminiscences. Drs. Christine R. Stuter, C. Vance Haynes, Mary C. Stiner, John W. Olsen, and Lieutenant Colonel Felipe Carlos Jacome related events of Olsen's career and human insights into the honored man.

After graduation from high school in 1938, Stan worked as a tool-and-die maker in Akron, Ohio, where he met and married Eleanor Louise Vinez in 1942. He served as a Machinist Mate First Class during the Second World War. Following his discharge in 1945, Stan went to work at the Museum of Comparative Zoology at Harvard University. He did laboratory work as a preparator and was a field supervisor for the collection of vertebrate fossils. 1956 found him with the Florida Geological Survey as State Vertebrate Paleontologist. He explored the underwater fossil deposits of Florida's rivers and springs and served as Director of the Governor's Marine Salvage Committee. In 1968, he became an Associate Professor in Florida State University's Department of Anthropology. His promotion to Full Professor in 1972 signified a remarkable feat for someone with only a high school diploma. He moved to Tucson, Arizona, in 1973, where he held concurrent positions as Professor of Anthropology, UA, and Curator of Zooarchaeology, ASM, until his retirement in 1997.

Stan published more than 200 articles and books on a wide variety of subjects from animal domestication and osteology to Colonial button molds and Tibetan armor. A Fellow of the Explorer's Club and the Company of Military Historians, he was an Honorary Member of the Society of Vertebrate Paleontologists, which he served as its 26th President. Stan conducted fieldwork in paleontology and zooarchaeology and worked with museum collections worldwide during his half-century professional career. Numerous certifications of his "Ph.D." equivalence mark his academic record. He is survived by his wife, Eleanor, his son, John (wife Ovadan) and his brother Norman M. Olsen.

Lieutenant Colonel Jacome made presentation of a Certificate of Appreciation and Merit from the Company of Military Historians; Dr. Barnet Pavao-Zuckerman, ASM and UA Department of Anthropology, announced dedication of The Stanley J. Olsen Laboratory of Zooarchaeology; and the Olsen family has endowed a memorial fund to support zooarchaeological research at the University of Arizona: The Stanley J. Olsen Zooarchaeology Endowment Fund.
**AAHS MEMBERSHIP/subscription Application**

**Categories of Membership** – All members receive discounts on Society field trips and classes. Monthly meetings are free and open to the public.

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**Membership/Subcription Information**

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

Memberships and subscriptions run for one year beginning July 1 and ending June 30. Membership provides one volume (four numbered issues) of *Kiva*, the Journal of Southwestern Anthropology and History; 12 issues of the monthly newsletter *Glyphs*; member rates for Society field trips and other activities.

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

Keith Knoblock, VP Membership
Arizona Archaeological and Historical Society
Arizona State Museum, University of Arizona
Tucson AZ 85721 USA

Subscriptions to *Kiva* for libraries and other institutions are now being handled by AltaMira Press. To obtain information on an institutional subscription to the journal, contact the publisher at <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.