



ANCIENT ECHOES ANCIENT ECHOES ANCIENT ECHOES

Volume No. 26 Issue No. 2

April, May, June, 2016

SPRING MEMBERSHIP MEETING

Thursday, May 5th, 7 pm

In The Theater of The Arizona Museum of Natural History
53 N. Macdonald (Enter from First Street through the double doors)

Our speaker: Kirk Costion

Colonial Interactions from the Local Perspective in Southern Peru, A.D. 500 – 800

During the early Middle Horizon (A.D. 550 - A.D. 800) the Moquegua Valley of southern Peru was a culturally dynamic region with at least three distinct culture groups. The indigenous Huaracane had been farming the middle valley for at least 800 years when sometime (circa A.D. 550) two foreign powers established major colonies in the region. The Wari Empire set up a regional capital in the upper valley centered on the monumental site of Cerro Baúl and the Tiwanaku state established several large colonial settlements on the pampas in the middle valley. This presentation will examine evidence for the various types of cross-cultural interactions and non-interactions that took place between the local Huaracane and their new colonial neighbors. We will also look at a graphic model that I co-developed to better understand the complex cross-cultural interactions that took place in the region at this time. I will finish up with a brief summary of my current research of ceramic assemblages from several upper valley sites with preliminary evidence for Huaracane and/or other Formative Period occupations.

Kirk Costion is currently an Anthropology Faculty member specializing in anthropological archaeology in the Cultural Science Department at Mesa Community College, Arizona. He was an Associate Professor at Oglala Lakota College for five years and graduated from the University of Pittsburgh with his Ph.D. in 2009. Kirk has spent the majority of his time conducting research in Southern Peru but has worked on various CRM projects in western New York, West Virginia, central Massachusetts, and in the Black Hills of South Dakota. Generally his research focuses on the development of social complexity and social inequalities in early village societies and pre-historic cross-cultural interactions.

Come join us for a very interesting look at ancient cultures in Peru. Refreshments will be served after the presentation.

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Chair Chatter



Donna Bengé
Chairperson

A BIG thank you to all of you who helped at the Arizona Archaeology Expo at the Casa Grande Ruins National Monument on March 5th. We advertised the AzMNH and Mesa Grande Cultural Park as well as SWAT at our booth. There were always people helping visitors throw sticks at the rabbits at our rabbit stick throw activity which was held near the Big House. We also led four tours of the “outback” area. This is to the north of the park where visitors are not usually allowed to go. From what I heard, each leader did an excellent job of explaining the features there. The expo visitors were excited to get the opportunity to take that hike. One disappointment was that we were unable to take visitors to our stage stop and schoolhouse site near the Picacho Mountains where we stabilized the two adobe buildings. The State Trust Lands Department decided that we didn’t have the proper permits to take visitors there so cancelled that. However, we appreciate all the



The SWAT information table was well staffed.

work that Dick Myers and his friend Bill Rose did at the Verdugo site to clean it up and remove a block fire place beside the stage stop building which had been used during ranch hand days. A large animal had dug a hole underneath it, and the whole area needed to be worked on because of that. We will be meeting with the State Trust Lands Department again to renew our work permits since we still maintain the site.

Not only did we take part in the expo, but we remained busy with all of our other projects including mud slinging at Pueblo Grande, working at the Toltec School, and working in the lab. For various reasons, we haven’t been doing stabilization at Mesa Grande recently. It won’t be long before the hotter months arrive, but as long as it’s not exceedingly hot, we’ll continue with our work days. As the really hot summer arrives though, we will step down for a few months. I hope all of you can enjoy that time to relax and perhaps have a great trip to another part of the U.S. or world.



Dick Myers leads a tour of the “outback area” at Pueblo Grande.

Are You A Current Member?

If you haven’t joined SWAT, or haven’t taken the time to renew your membership, now is a good time to do so. Please use the form on the back page to renew. Just a note, check your records to ensure you don’t pay twice, although donations are gladly accepted!

Making A Triceratops Feel At Home

Part 2 in a 3 part Series

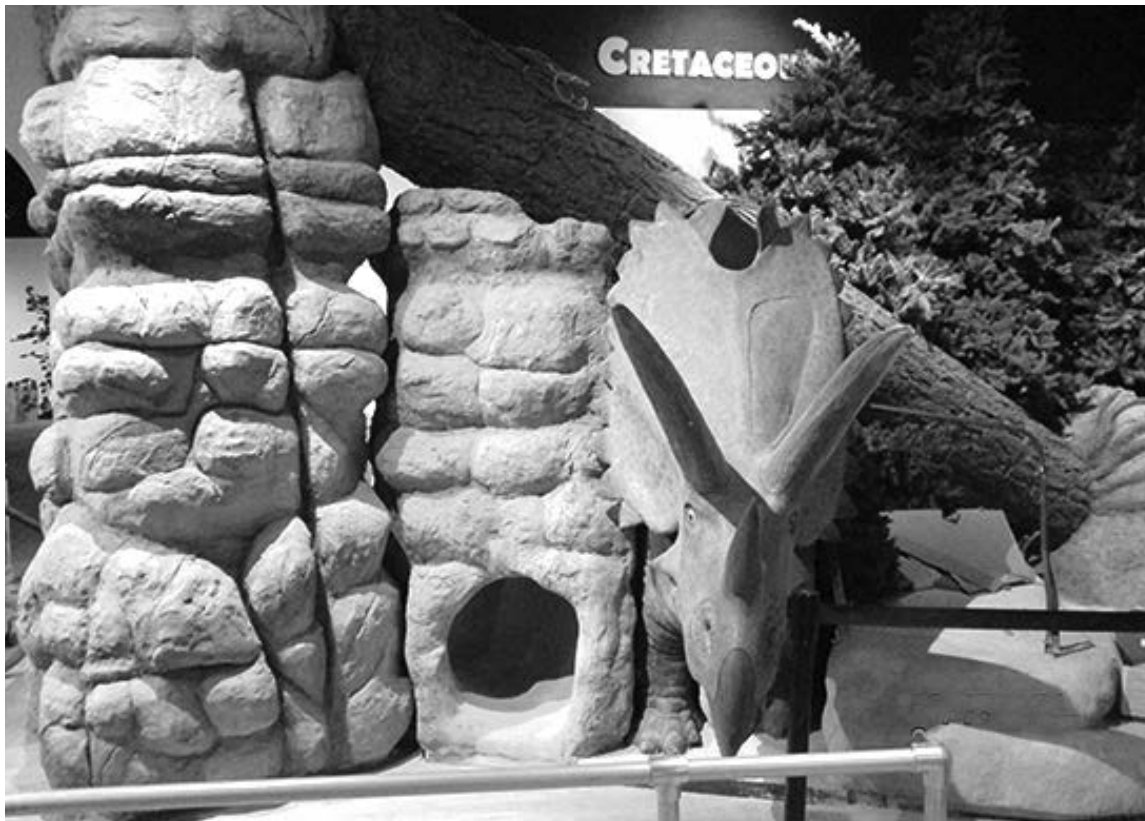
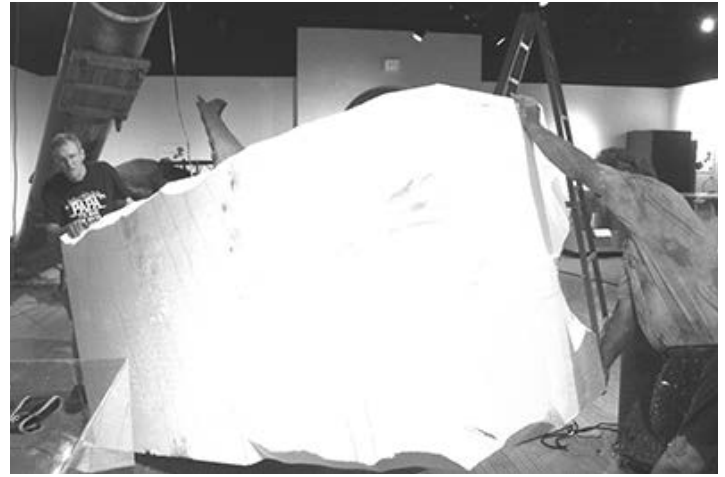
By Jim Britton

The last “Ancient Echoes” described the Stegosaurus portion of this exhibit. Part 2 will show photos and discuss the Triceratops portion. As you might remember, these dinosaurs along with the T-Rex were originally on Dinosaur Mountain.

In this exhibit the Triceratops is standing under a huge fallen tree that is being held up by a tall rock formation. The children should really like the opportunity to crawl through one or all three of the openings that lead to other parts of the feature. On the back side of the rock formation there is a ramp the children can crawl up and get on top of the Triceratops. Mom or Dad can take their picture from down below. Then they can turn around and enter the hollow tree and slide down inside it and exit at its uprooted bottom. It will be an exciting slide down.

The photos show progression of making this portion of Dino-Zone from the huge block of Styrofoam that was transformed into the tall rock to the finished front view.

The next edition of “Ancient Echoes” will feature Part 3 of the T-Rex portion of DinoZone. The exhibits crew meets every Monday morning at 9:00. For more information, contact: Laura Rodriguez (volunteer coordinator) at laura.rodriguez@mesaaz.gov.



How A Rock Formation Is Created

TOP: This styrofoam block will be carved to make the tall rock formation.

ABOVE: The styrofoam block has been carved into the shape.

LEFT: The completed front view of the triceratops exhibit shows the outlet of a slide built into the exhibit.

Milk Barn Project

By Jim Britton

This is a project you don't hear about too often. SWAT members have been working for several years to restore this two room structure located in the "Park of the Canals" in Mesa. We have not done any major work since we replaced the door, door frame and the three large windows and frames in the stone cobble room and the door, door frame and the Plexiglas in the metal framed windows of the newer cement block room.

The roof over the newer portion of the building was in terrible condition. The two ridge beams were rotted or had termite damage. Several rafters were also damaged. Since the last newsletter we had two work days. Pat Kelly, Donna Benge, Jim Britton, Bert Strobl and Jerry Howard participated. During these work days we were able to replace the ridge beams and stabilize all the rafters. We still need to attach a metal ridge cap to the top. Jim and Donna worked one day reconstructing a section of the stone cobble wall in the area of the feed troughs.

If you would like to help or want more information contact Jim Britton email jabritton@cox.net or phone 480-390-6038



ABOVE: Pat Kelly works on a ceiling joist at the Milk Barn.



LEFT: Donna Benge and Jim Britton reconstructing a wall of the feed trough

Pueblo Grande Mudslingers

By Jim Britton

As their name indicates, the stabilization volunteers are still slinging mud at Pueblo Grande platform mound and adjacent room blocks. From some past newsletters you may remember I have referred to the Mudslingers as the “Warriors” who do battle against the “Enemy” (rain). Well the battle goes on and on and on.

During the months of February and March the “Enemy” withdrew from the “Battlefield.” (it didn’t rain). The “Warriors” moved in, armed with their “weapons” (buckets of mud) to stabilize the “wounded” walls. In February and March, they used 315 gallon of mud to repair the “wounds” inflicted by the “Enemy.”

March 12th was “Ancient Technology Day.” Pueblo Grande celebrated by having several groups display in-

formation about their organization and flint nappers were there making projectile points, etc. Marie and Sylvia helped children make miniature adobe bricks that the kids could take home. There were also freshly roasted agave heart pieces you could eat. In addition to all that, the Mudslingers were in action applying mud so the public could witness the incredible amount of effort it takes to maintain the structures.

ALL HANDS ON DECK ! Word has just arrived that the “Enemy” hit again. There was .67 inches of rain just recorded at the platform mound.

Our next workday is scheduled for May 21st (3rd Sat.) If you would like to volunteer or want more information, contact Jim Britton at jabritton@cox.net or Miles Johnson at milesjohnson54@aol.com.

Toltec School Project

Several SWAT members make a monthly trip to work on restoring the Toltec School. We have spent many many hours sanding and stripping wood trim, replacing deteriorated rafters, repairing wall cracks and replastering damaged walls.

In this article, Dick Myers project manager, President of the Santa Cruz Valley Historic Museum Board and also a SWAT member, mentions many areas still needing work.

Work continues on the old Toltec School in Eloy, thanks to our SWAT Team members who drive up the first Saturday of each month. We are 80% complete with the interior electrical work, bringing it into modern day compliance with the new electrical codes. Two new Trane 5-ton 16 Sear Heat Pump Air Conditioning units need to be purchased and installed. Five local Bid quotes have been received, ranging from \$14,600 all the way to \$23,800 and awaiting one more bid, before awarding the contract. If you know someone that might be interested and can beat the low bid, please let me know.

All the interior plumbing is roughed-in for the bathrooms. Commodes, wall tanks and sinks are scrubbed, clean and ready to be reinstalled. New vintage parts for the tanks, flush valves, floats gaskets etc. are ready to be installed in the tanks. Ceilings, caulking and painting of the bathrooms needs to be done before the Commodes, sinks and stalls can be reinstalled. New wood frame window screens on 4 windows need to be built for the bathrooms.

We need many plexi-glass window panes removed from the old steel sash windows throughout the building and new glass panes glazed-in in their place, over sixty plus glass panes total. Build five new steel sash windows and install glass panes in them to replace the ones

taken out for the old air conditioning ducts and a window unit back in the 1960’s. We also need repaint the metal trim around each window.

Ceiling light fixtures need to be ordered and installed, after the insulation, sheetrock and the painting of the entire interior throughout the building. Reinstall the original blackboards that were removed because they were green and we wanted them back to black. Staining of all the stripped woodwork and interior trim (and there is a bunch of it) inside the building. Sanding the wood flooring in the main room and refinishing it and the mop boards around the base. Rebuild and refinish one 16’ wood cabinet with shelving due to termite damage years ago.

The above lists a lot of work yet to be done, but looking back on what we’ve accomplished it is a miracle for me as Project manager for the restoration of an 86-year-old schoolhouse! If I win the lottery this week it would all be completed before the next president takes office. Seems like they’ve been campaigning as long as we have worked on the buildings starting back in 2010. We SWAT members did complete one building restoration already here at Toltec and that was the “Colored School.”

Website Update

By Alex Howard

Thanks to Joe Burkett, our SWAT website has been a helpful tool for updates, schedules, information, photos, and all your SWAT needs. His experience, knowledge, and time as the website manager for years are greatly appreciated and luckily will continue as he helps Alex Howard transition into the main website manager. Any questions you may have can be sent to admin@southwestarchaeologyteam.org or on our Facebook Page.

New **Membership Application** Renewal

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Home Phone: _____ Work Phone: _____

Email: _____

Date: _____

Membership Type: Family (\$20) Individual (\$15) Student (\$10)

Family Member Names:

Areas Of Interest

I Want To Help With

- Calling Committee
- Education/Teaching Programs
- Excavation
- Lab Analysis
- Stabilization
- Survey

I Want To Learn More About

- Excavation Techniques
- Historic Preservation
- Stabilization Techniques
- Survey Techniques
- Other: _____

Return This Form To: Southwest Archaeology Team
PO Box 5368, Mesa, AZ 85211-5368

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Ancient Echoes is the
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