



# ANCIENT ECHOES ANCIENT ECHOES ANCIENT ECHOES

Volume No. 24 Issue No. 1

Jan., Feb., March, 2014

## MEMBERSHIP MEETING

Thursday, February 6<sup>th</sup>, 7 p.m.

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

Speaker, Sophia Kelly

### The Arizona Site Steward Program: The Eyes and Ears for Cultural Preservation

The Arizona Site Steward Program supports cultural resource preservation and education through the partnership of statewide volunteers and public land managers. Arizona Site Stewards are a corps of trained volunteers who monitor sites on state and federal lands. These volunteers receive classroom and fieldwork instruction on culture history, archaeological methods, and recording techniques. Annual conferences and events connect Site Stewards to a community of avocational archaeologists, professional archaeologists, and Tribal members committed to the protection and preservation of Arizona's cultural resources. Through site monitoring, recording, and stabilization efforts, Site Stewards reduce archaeological looting and vandalism in Arizona. Every day Site Stewards make a critical contribution to safeguarding Arizona's heritage for future generations.

Sophia Kelly has lived and worked as a professional archaeologist in Arizona since 2003. She received her MA and PhD from Arizona State University and currently works as the Cultural Resource Manager and Site Stewardship Coordinator for Arizona State Parks. Sophia states you can make a real difference in your community and contribute to the protection of archaeological sites today. The Program seeks passionate and committed volunteers to join the ranks of Arizona Site Stewards. Contact the Arizona Site Steward Program Coordinator, Sophie Kelly: [skelly@azstateparks.gov](mailto:skelly@azstateparks.gov). Online applications are available on the Site Steward website: <http://www.azsitestewardprogram.com>.

Refreshments will be served after the meeting.

**Is Your Membership Up To Date? Renew Today! See Back Page!**

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# Chair Chatter

Donna Bengé  
Chairperson



A new year is here already! Have you renewed your membership? As a member, you'll be informed of all the activities we have and will be helping us afford to be involved in our projects. We have very reasonable membership fees which haven't increased for several decades. What a bargain! You will be helping yourself as well as SWAT so take out that pen and send in the application on the back of the newsletter with a check or do so on our website. Remember to check us out on Facebook! (see Alex's article).

Please take the opportunity to be an active member of our organization by helping us with our work at the Toltec School in Eloy, at Mesa Grande, Pueblo Grande, and at the stone building at the Park of the Canals. We always work hard but have a good time at each place. Although the Eloy project is usually a full day because of the two hour round trip driving time, the others usually last until noon. Try it out. Join us for at least one of our endeavors. I think you'll enjoy working with us.

We're looking forward to participating at the Arizona Archaeology Expo at Catalina State Park on Saturday, March 29th from 9 to 4. We'll be in charge of the rabbit stick throw activity but will have plenty of time to visit the other participants, take part in the activities, and go on field trips. You can join a car pool or go on your own. If you haven't done so, please sign up at the February 6th meeting.



## Lab Team Has Work For New Volunteers

We are back to meeting on Wednesday evenings from 7 to 9. We are continuing to finish with the analysis of all the lithics and ground stone from Mesa Grande. Then we'll start again analyzing Mesa Grande sherds.

We could also use some help sorting out and filing notes given to us by both Ben Mixon and Debbie Canright. If you're interested in helping contact Donna Bengé 480-968-0578, [dbenge@cox.net](mailto:dbenge@cox.net)

## SWAT Volunteer Of The Year



At the December meeting, Sara Bagley was honored as the SWAT Volunteer of the Year for 2013. Sara has been a very loyal lab volunteer who has excellent analysis skills. Her accuracy is unsurpassed! She is also a mudslinger at Pueblo Grande and hardly ever misses a work Saturday. Quiet Sara always gets the job done! Actually since she doesn't waste as much time in conversation as some of the rest of us, she gets right to what is to be accomplished and does a remarkable job of doing the task. Congratulations, Sara! Thanks for your contributions to SWAT.  
— Donna Bengé

## Here's The Recipe So Many Asked For!

At our Holiday Pot Luck meeting in December there were a few of us who were quite enthused about one particular pot luck dish from one of the members. We asked who had made the dish and found that Carla Booker made the wonderful "Scalloped Pineapple" recipe. For those of you interested, it follows below:

### Scalloped Pineapple

1/2 cup butter  
1 cup sugar  
3 eggs  
1 can evaporated milk  
1-15 oz can crushed pineapple  
1 loaf white bread

Turn oven to 350 degrees F. Cream butter and sugar, then add eggs. Add evaporated milk and pineapple (with the juice). Cut bread into 2" pieces, crust and all, and add to the pineapple mixture (anywhere from 10 to 15 slices, depending on how thick and dense the bread is). Pour into an ungreased 2 quart casserole and bake in preheated oven for approximately 1 hour until golden brown on top. Set pan on a cookie sheet while baking, just in case it bubbles over.

Tips: Use a dense bread; Potato bread works well. Don't worry about cutting the bread up. I just rip it into pieces, some big, some small. Baking time will depend on the amount of golden goodness you want. I make mine in a 2 quart casserole, but it can also be baked in a 9x13 pan (baking time may be shorter). It reheats well in a microwave, so that is why I usually make it in a 2 quart glass dish.

— Enjoy! Carla Booker



Ed Mack hangs his rendering of an Enchodus in place as part of the Cretaceous Sea exhibit.

## Cretaceous Sea Display Shows Exhibit Crew's Efforts

By Jim Britton

Hopefully by now you have been able to enjoy the Cretaceous Seas exhibit. If you have not, you should come to the museum and listen to the sounds of the surging sea and gaze at this amazing new exhibit.

Under the direction of our shop boss, Tim Walters, the Monday volunteer crew worked off and on for several months preparing the area and making the Plesiosaur and Mosasaur come alive in an ancient sea. You can see a photo of them in the last issue of Ancient Echoes. Previously they had been hanging in an enclosed dark room where it was difficult for museum visitor to fully appreciate them. A portion of the walkway wall was removed to open the area and be converted into an ancient sea.

Ed Mack, our very talented sculptor, made an ancient fish known as an Enchodus. This fish will become lunch for the Plesiosaur so it was mounted in his mouth.

The exhibits crew works every Monday morning at 9:00 am. For more information contact Donna at (480)969-0578.

## "Mudslingers" Mark 20 Years

By Jim Britton

The "BIG 2 0". Yes, we have been involved in preserving the Pueblo Grande platform mound and adjacent rooms for 20 years. There is an old saying; "time flies when you're having fun." So, I guess some of us have been having fun.

How did SWAT members get involved with this project in the first place? Well, it all started in 1993. But before that in 1988 the National Park Service (NPS) performed a field assessment to determine the condition of the structures and what stabilization would be required. Their field work began in 1989 and was completed in 1991. They did extensive wall repair, backfilled some rooms, buttressed some mound walls, and constructed the visitor trail. The NPS crew went back to Santa Fe, NM and the PGM staff was happy. That is until it started to rain in 1992 and continued to do so until March of 1993. There was over 28 inches of rain during that time. That was equivalent to almost four years of normal rainfall all in a nine month period.

In the first quarter of 1993 the NPS crew returned to repair the damage done by this huge amount of rainfall. Then the City of Phoenix decided that it cost too much to have NPS return to do future repairs. On March 30, the NPS crew chief held a stabilization workshop. Invited to this workshop were the museum staff and three SWAT members; Sam Barr, Jerry Howard and Jim Britton. The SWAT board decided to take up the challenge and provide future stabilization. Our first stabilization work day was January 19, 1994. So here we are today, 20 years later and still slinging mud.

In January 2000, the official name of the volunteers became "PGM Mudslingers." The volunteer crew was now made up of members from SWAT, Arizona Archaeology Society (AAS), PGM Auxillary, and the general public.

If you are not a current "Mudslinger," contact Jim Britton at [jabritton@cox.net](mailto:jabritton@cox.net) for more information concerning the schedule and starting times. Our next workdays are scheduled for February 15 and March 15.

## Study Group Is Active

Participants will be meeting in the AzMNH lobby then adjourn to the conference room at 1:30 pm on the second Saturday from February to May. Our next discussion will be about the book "Mimbres Lives and Landscapes" by Margaret C. Nelson and Michelle Hegmon. If you are interested in joining us, please contact Ellen Martin at 480-820-1474 or [e13martin@hotmail.com](mailto:e13martin@hotmail.com).



## Meet Dr. Emily Goble Early

The museum is pleased to introduce one of our newest staff members, Dr. Emily Goble Early. Emily has taken up the position of Associate Curator in Archaeology at Mesa Grande Cultural Park and the Arizona Museum of Natural History. Her major focus will be on the development of curriculum and public programs at Mesa Grande.

Emily has an outstanding background that she brings to the museum. Academically, she has BAs in anthropology and history from the Barrett Honors College at Arizona State University, and a MA and PhD in Anthropology from Yale University. She was awarded the very prestigious Peter Buck Postdoctoral Fellow in the Human Origins Program, National Museum of Natural History, Smithsonian Institution where she worked for the last two years. In this position, she worked with the public and visitors to the museum as well as conducting field research in Africa. She married Stephen Early in September and moved here in October to live with him and his son Tyler.

Although she grew up in Arizona, she has primarily conducted fieldwork outside the US. Emily's research focuses on mammalian shifts in taxonomy and abundance that correspond with known global climate change in the Pliocene. Although her main interests are in paleoecology and the Pliocene, she has also become extensively involved in largely taxonomic projects and continually expands her newfound interest in the Miocene. She has done fieldwork in South Africa but her primary research has been in Kenya, particularly the Tugen Hills, but she is also involved in projects in Turkana and the Homa Peninsula. So Emily has a foot in both of the worlds, archaeology and paleontology!

In recent years Dr. Early's research has been supported by the Yale Institute for Biospheric Studies, the Schwartz Foundation, the John F. Enders Fellowship, the MacMillan Center, the Williams Fund, the Brian Patterson Award from the Society for Vertebrate Paleontologists, the Bill Bishop Award from the Quaternary Research Association, the Peter Buck Postdoctoral Fellowship and the Small Grants Program at the Smithsonian.

Emily is a long standing supporter of museum outreach, first becoming involved with museum work as an intern right here at the Arizona Museum of Natural History while at Barrett's Honor College. She has also worked at the Arizona State University Anthropology Department Museum, the Deer Valley Rock Art Center, the Yale Peabody Museum and National Museums of Kenya in Nairobi and Baringo. She is excited to combine her love of research and dedication to the public's

**Continued on next page**



## New Donation Corner

**By Dr. Jerry Howard**

Given the positive response to the article on new donations that appeared in the last issue of Ancient Echoes we have decided to highlight a new donation item in each issue.

This month's item is this Chancay textile which is a child's pancho. You may be able to see the opening for the child's head at center top. The piece is made of a series of small "patches," each containing a small figure or two, that were then stitched together. Centered in the Chancay Valley on the desert coast of Peru, the Chancay culture flourished around 1200 to 1450 AD. Like most complex cultures along the Peruvian coast, the Chancay were conquered by the Chimu and later, the Inca. This textile appears to date to the earlier Chancay period.



**By Alex Howard**

In this increasingly digital world, SWAT has entered the social media realm and has a facebook page!

We would like to see this as a resource to encourage those interested in archaeology, as well as getting new generations of volunteers involved and interested. It's just another way to further SWAT's purpose of education and public participation in archaeology. As of now we have photos of SWAT activities and specific projects, as well as photos from meetings.

For those members in the Phoenix area, "like" the SWAT facebook page and use it as a reminder of activities, membership meetings, etc. on a regular basis. Jot a note, ask a question, see all of the different things we do! For those of you not in the Phoenix area (or Arizona), like our facebook page and keep updated about our various activities and news. The more "likes" SWAT gets on facebook, the higher our digital visibility to those interested in archaeology.

If you have photos you would like added to any SWAT photo albums, send SWAT a private message through facebook. Also send a message if you have any ideas you would like to see on the timeline.

# Toltec School

We're beginning to see some good progress with the hard work we've been doing. The first job tackled in the school was the restrooms. Yes, yuk. But it actually hasn't been as bad as you might think. Dick Myers was the one who has done most of the yuk part by taking out and cleaning the toilets then finding replacement parts for them. The stalls were cleaned and refurbished. A very difficult task was to remove the tile from the floors. We were finally able to heat them then do the scraping. Bingo, the job became easier. Now plumbing and electrical work is being done, and we're replastering walls with stucco concrete, removing termite riddled wood, and getting the upper parts of the walls smoothed so we can install plasterboard ceilings.

While some are spending their time in the bathrooms, others are stripping! Well, they're stripping paint off the areas around the stage and the borders of several blackboards (now green boards).

Several coats of paint have to be removed so it involves applying several coats of paint stripper then going over it with steel wool and sandpaper before varnishing again.

We're looking forward to doing some finishing jobs like doing the ceilings and painting. Then it will look like we're REALLY accomplishing more.

Each month we make some headway. With more helpers, we can get more done each time so if you would like to feel the accomplishment that the team of workers do, join us the first Saturday of each month!



Wilson Allen patches a wall at Toltec School

## Continued from previous page

knowledge of science while here at the AzMNH and Mesa Grande. Emily is even more excited to explore a new area of research in Southwestern archaeology. We



Brian Medchill installing pipe which will lead water away from Mesa Grande wall

# Mesa Grande

By Jim Britton

During the past few months the stabilization crew has been repairing various erosion issues; first in Room D and now in the "Shooting Gallery" area. The "Shooting Gallery" includes three levels that step down from the platform mound top to ground level. There is a wall on the third level that runs perpendicular (north-south) to the water flow and two walls that run east-west. The water runoff gets trapped and it eventually opened a hole in the wall base which allowed the runoff to continue and flow over the edge of the third level. As water flows over the face of each level it erodes it.

It was decided to install a 4 inch diameter pipe through the hole and a drop-box on the third level to keep the runoff from flowing over the edge. From the drop-box, the pipe continues over the edge to ground level where the water can pool without causing any damage. The next task will be to fill in the erosion cuts with mud which will conceal the pipe.

We now have a large cement/mud mixer and a golf cart vehicle that will be used to transport supplies and mud. So we will be able to save time and energy because we are able to mix big batches of mud and don't have to carry buckets up to the mound.

We're working from 8:30 to noon on the second Saturday of each month. Contact Donna Bengé if you would like to help.

# Meet Dr. Emily Goble Early

hope to have her present a talk on her research at a SWAT membership meeting in the near future. If you see Emily around the museum, please welcome her to our museum family.

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

# Southwest Archaeology Team

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## Southwest Archaeology Team

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Ancient Echoes is the  
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