Welcome to the Third Annual Verde Valley Archaeology Fair and Film Festival

The Verde Valley Archaeology Center is pleased to once again host the Verde Valley Archaeology Fair and International Archaeology Film Festival. Together with the Annual American Indian Art Show, the Fair provides an excellent opportunity to learn more about archaeology as well as Native American arts and crafts. The entire program of activities for the last weekend in March is provided in the center fold of this expanded edition. We hope you enjoy this experience, together with our partner activities of the Camp Verde Spring Heritage, Pecan and Wine Festival.

Benefit Picnic Slated for April 26

Member Larry Watkins has generously offered to host what we hope will become an annual event. The Toad Acres Picnic will feature food, activities and entertainment on his property along the Verde River from 11:00 am to 3:00 pm on Saturday, April 26. This benefit picnic ($10, $5 for children) is open to members and nonmembers. Typical picnic fare of burgers, dogs and brats with sides and drinks will be provided. Bring your own lawn chairs and join us for a fun afternoon along the Verde.

Center Considers Land Acquisition

As mentioned in our Third Anniversary issue, the Center is already running out of space. Long-range planning suggests that we will need to construct our own facility in the near future in order to meet the requirements of repository certification and the demands for classes and programs from our increasing membership.

The Town of Camp Verde suggested that the Center consider property that the Town has owned for a number of years along Highway 260, about 1.2 miles east of Interstate 17. Board Members visited the site and determined that the parcel has significant potential. The Design Group Architects of Sedona offered their services to do a preliminary assessment of the site as well as the development of a conceptual footprint of the facility.

The conceptual plan calls for a West Wing that would contain offices, classrooms and a 200-seat auditorium. The East Wing would house the museum and gift shop with a basement level for artifact curation. A phased-in construction would develop the East Wing first and then the West Wing as funding becomes available.

This concept was presented to the Camp Verde Town Council at a working session on February 12. The plan was well received and the Council directed staff to continue to work with the Center to determine the fair-market-value for the property toward the development of a lease-to-purchase agreement. No decisions have been made by the Town or the Center at this point as staff work continues.

Gala Benefit at Poco Diablo Resort

Whether the Camp Verde land acquisition moves forward or not, the need for a Capital Campaign toward future needs is a necessity. In addition to the development of a Capital Campaign based on grants and donations, special events are being planned. The first major event will be a Gala Benefit at the Poco Diablo Resort in Sedona on Saturday, October 12.

This dinner event will include entertainment, a limited-item Live Auction and a presentation by Marshall Trimble, Arizona’s official historian. Marshall will talk on the Verde Valley in Arizona history.

Details of this special Gala Benefit event will be provided in the next issue of the Archaeology Quarterly.
Dear fellow enthusiasts of History, I am pleased to announce to members and non-members that the Center is flourishing. The positive feedback from our visitors from across the country and professionals alike has been personally rewarding and a tribute to all our volunteers. The enthusiasm I have seen from the many people that have taken the classes or have participated in field trips and attend the lectures has been overwhelming. We will continue these activities and hopefully you will find time to enjoy what interests you most. We see a real thirst for knowledge of the beautiful Southwest, where you are fortunate to live or visit.

If you are not yet a member, I would like to personally invite you to join. We have activities to meet everyone's needs and volunteer activities for all. I am at the Center almost every Thursday and Friday and invite you to come in and chat. Let me know what your interest in archaeology is and how the Center can help you get more involved. You don't need to know anything about archaeology to become involved. We have training programs to match your interest.

The Center has had two outstanding lectures so far this year. In January, Dr. Todd Bostwick spoke about the prehistoric Salt Mine in Camp Verde. His research brought to life a topic not covered since the 1920's by Earl Morris who excavated the site. Who knew there was so much interest in salt, but his lecture was attended by almost 300 people. This lecture was so popular that Dr. Bostwick will be giving an abbreviated version at the Archaeology Fair on March 30.

Our February lecture by Dr. Laurie Webster from Colorado covered “Perishable Materials of the Southwest.” Some of her photos from collections of the Smithsonian and Field Museum in Chicago made the prehistoric items of sandals and textiles appear as if they were made yesterday. She is the pre-eminent authority on this subject. We were pleased to have several distinguished guests of the Archaeology community attending. The Center endeavors to bring subjects to its members and the general public that are educational and entertaining. And when it comes to topics of interest, you will not want to miss the class given by Al Cornell on “Pigments and Dyes of Prehistoric People” used on pottery, pictographs, fabrics and body paint. He has previously been a guest demonstrator at the Smithsonian. This class will be held April 5, 2014. You will definitely want to sign up for this class. You can do this by going to our website or clicking on his class listed in the banner on the left side of the home page.

Also, our Field School on Excavation has 3 dates this year. If you ever wanted to learn how to excavate and how an excavation is run, you will want to attend one or more of these schools. They are held in Southwest Colorado in July and August. There is nothing like the thrill of handling the artifacts that have not been touched for 1000 years. You feel a connection to those people and an excitement that just can't be described. So if you are healthy and want to be a part of this experience, go to our website to sign up.

Our first piece of art donated by the artist Abraham Arnett has been framed and is now on display. Come and see his rendering of the Hatalacva Site.

One of the special events the Board has in store for its members this year is our first offered picnic on April 26th. It will be at the home of one of our members in the Verde Valley. There will be food and plenty of activities for everyone. So mark your calendars now and bring a neighbor or friend. More on this event will be coming, so watch your e-mail newsletter.

Lastly, I am sure that many of you have heard that the Center is working with the Town of Camp Verde to acquire a piece of property to build a new Center that will be a showcase in the Verde Valley. Hopefully, soon I will be able to report to you that we have acquired the property and will begin a Capital Campaign to get the funds necessary to begin construction on a 20,000 square foot facility to house an accredited repository and museum. Everyone should feel a sense of pride on the progress the Center has made. Each of you has contributed to where we are today and no contribution in time or money is taken lightly by your Board. I urge you to keep up the good work. This is truly an endeavor that “we, the people” can bring to fruition to our Verde Valley.
Curiosity about the Indian ruins of the Middle Verde Valley by Anglos began in the middle nineteenth century and some reports were made in newspapers of the time. The first systematic scientific study was by Edgar Augustus Mearns (1856-1916), a US Army surgeon and field naturalist stationed at Fort Verde, 1884-1888, who published an account of his investigations in the Popular Science Monthly in 1890. By then he had given his collections to the American Museum of Natural History in New York City, where they have languished ever since. In 1909 he accompanied his friend Theodore Roosevelt to Africa and later made other collections there for the American Museum.

Mearns’ report on the “Ancient Dwellings of the Rio Verde Valley” is particularly insightful both for its map of all the major sites, and his detailed discussions of his excavations in Montezuma Castle and in what he called the “Middle Verde Ruins.” The latter site, part of which today lies on Apache-Yavapai land immediately north of their administrative center on Middle Verde Road (and on private land beyond that)—recently photographed by Joe Vogel (figure)—had two compact, terraced room blocks on either side of a ravine: the smaller, eastern one (NA3535) had 23 ground floor rooms, and the western one (NA3536) had 90. By the time in 1886 that Mearns had part of the western room block excavated (Figures), farmers had already (he says) taken down a three-story part of it to use in repairing a prehistoric acequia (canal) at the foot of the cliff below the ruin. He reports finding three layers of burned roof fall in his excavations, confirming this fact. Excavations carried out in 1965 by landowner Merlyn Talbot assisted by Franklin Barnett in the eastern room block (NA3535) found two burned roof layers in one room, confirming that it, too, was terraced. Thus the total size of this settlement was probably about 215 rooms, one of the largest pueblos in the Valley.

In the Verde Independent on February 4, 2014, Glenda Farley republished an account originally reported in the Arizona Miner in 1878. Significantly, it states that “in one room was a human skeleton partially burnt, and pots near by…. One room contained eleven skeletons, varying from a large man down to the size of an infant.” These human remains apparently lay unburied on floors of burned rooms, which thus may mean the room block was violently destroyed. Mearns reports finding human scalps in the site, and also at Montezuma Castle, where he (being a military man) describes “battlements” protecting the uppermost floors. Barnett in 1965 also reports finding a sub-floor burial of a fully extended adult who apparently died from blows to the back of the head that shattered the whole cranium. The three-story “tower” taken down by farmers above a vertical cliff limestone on the west edge of the site probably means the pueblo had line-of-sight to other pueblos in the Valley, facilitating communication, perhaps part of a defensive strategy. Standing at the foot of the ravine the other day, looking up at the two room blocks, we were impressed by how high they loomed above us, once giving a defensive advantage to its occupants.
The Thames' Secret War

The Thames is a surprisingly rich source for aerial archaeologists especially the Hoo Peninsula. The Hoo Peninsula became an important line of defense and a testing ground for experimental military endeavor during the 19th and early 20th centuries. Its remoteness and wide open spaces made it a good choice for the highly dangerous business of manufacturing the explosives that kept the Royal Navy fighting. It may come as a surprise to many that archaeological effort is being invested in recording and protecting the most significant examples of the remains of the fairly recent military past. However, natural erosion and development are threatening the heritage of the Hoo Peninsula. It is this heritage that connects us to the history of some of the darkest hours and most momentous chapters in the nation's history. Archaeologist Ben Robinson flies over the Thames to uncover new discoveries about World War 1. A whole network of trenches has been discovered. Invisible from the ground, they were recently found from aerial images of the area next to the former Chattenden Barracks.

Hadrian's Wall: Life on the Frontier

Archaeologist Ben Robinson flies over Hadrian's Wall to reveal a new view of its history. The first full aerial survey of Hadrian's Wall has helped uncover new evidence about the people who once lived there. Carried out over the last few years by English Heritage, it is allowing archaeologists to reinterpret the wall. Across the whole landscape hundreds of sites of human occupation have been discovered, showing that people were living here in considerable numbers. Their discoveries are suggesting that far from being a barren military landscape, the whole area was richly populated before during and after the wall was built. There is also exciting new evidence that the Romans were here earlier than previously thought.

Norfolk Broads

Archaeologist Ben Robinson flies over the Broads where aerial photos have discovered a staggering 945 previously unknown ancient sites. Many are making historians rethink the history of the area. The fate of the Roman town of Caistor St Edmund has puzzled archaeologists for decades. It's long been a mystery why the centre never became a modern town. Now archaeologists have discovered a key piece of evidence. And near Ormseby the first proof of Bronze Age settlement in the east of England has been revealed.

Stonehenge: The Missing Link

Archaeologist Ben Robinson flies over Wiltshire to uncover new discoveries in the stoneage landscape. Sites found from the air have led to exciting new evidence about Stonehenge. The discoveries help to explain why the monument is where it is, and reveal how long ago it was occupied by people.
March 29-30, 2014
Camp Verde Community Center
395 S. Main St.
Free Admission

American Indian Art Show and Demonstrations including:

Verde Valley Archaeology Fair Exhibits, Demonstrations, Lectures and Films

The Fair will include exhibits and demonstrations on flintknapping, excavation tools and methods, pottery sherd identification, stone tools, Total Station digital mapping by EnviroSystems, archaeoastronomy, the Yavapai-Apache Nation and more. All events are in the Camp Verde Community Center or in the Archaeology Center.

**FREE Lectures & Films -- RESERVATION REQUIRED due to limited seating**

**Saturday - March 29 - Community Center Rooms 206/207**

**1:00 pm Lecture** -- Dr. Todd Bostwick, Director of Archaeology

*Mystery of the Nazca Lines: Enigmatic Images of the Peruvian Desert*

The mysterious lines and figures sketched onto the desert floor of southern Peru have long intrigued archaeologists and explorers. Were they made by ancient astronauts, or are they the scared images of a creative ancient culture that lived for centuries in an arid landscape? This talk will address those questions and present aerial photographs of these unusual geoglyphs and their related artifacts, including beautiful painted pottery.

**2:30 pm Film** – Ken Zoll, Executive Director - *Sacred Shadows of Time*

In 2005 a 12-month solar calendar was discovered at the V Bar V Heritage Site using rock art images and shadows cast by two boulders protruding from the cliff face. The unanswered question was whether the boulders were natural features or manipulated by the Sinagua to enhance the effects. In 2011 twenty-feet of scaffolding was erected to closely examine the boulders. The discoveries were surprising and very revealing. This documentary captures this research and presents the amazing results.

**Sunday - March 30 - Community Center Rooms 206/207**

**1:00 pm Lecture** -- Dr. Todd Bostwick, Director of Archaeology

*The Verde Salt Mine: Ancient and Historic Salt Mining in Camp Verde*

Located in Camp Verde is a large deposit of freshwater salt that was mined by both historic and prehistoric people. This talk is the story of how historic miners in the 1920s discovered that the prehistoric Sinagua had mined the same salt deposits centuries before they did. The talk will include photographs of the large collection of artifacts that were found by the historic miners in tunnels dug deep into the salt deposits by the Sinagua people more than 600 years ago.

**2:30 Film** – Ken Zoll, Executive Director - *The Billingsley Hopi Dancers*

In 1921 the Hopi were told that “church people” petitioned Congress to stop their “pagan” dancing. A platform was erected on the U.S. Capital steps where both Houses of Congress assembled with their families to see the Hopi dancers. Following the performance, Congress passed a Resolution giving the Hopi permission to carry on their dancing “for all time.” The dancers continued to perform culminating in performances at Carnegie Hall in 1955. The Verde Valley Archaeology Center and Hopi Tribe jointly received a grant to preserve a rare 1957 film of the dancers. This presentation provides background and shows the film.
What’s Now Known About The Middle Verde Ruins? Continued

A superb naturalist, Mearns also reports in detail about the “various food substances” that were exhumed in the Middle Verde Ruin included “bones, teeth, or horns (usually charred by fire) of elk, mule deer, antelope, beaver, spermophile, poached gopher, wood-rat, muskrat, mice, cotton-tail and jack-rabbit, turkey, serpent, turtle, and fish.” Finally, as a patriotic scientist, he says that, “in order that our knowledge of [the ruins] may become as comprehensive as the material procurable for study will permit, it is desirable that a systematic exploration of these ruins be undertaken at once, either through private enterprise or by some one of the educational institutions of our country, before the treasures contained in them become scattered through the curiosity of unscientific relic seekers.” This has yet to happen, and one might add that a systematic study of Mearns’ collections would probably add much more to current scientific knowledge.


| March       | 18 Lecture: Hawaiian archaeology with a comparison to the Southwest  
|            | Don Keller, Museum of Northern Arizona Archaeologist  
|            | 7:00 PM, Sedona Creative Life Center, 333 Schnebly Hill Rd.  
|            | 28-29 International Archaeology Film Festival  
|            | 7:00 PM, Phillip England Performing Arts Center, 280 Camp Lincoln Road, Camp Verde  
|            | 29-30 Third Annual Verde Valley Archaeology Fair  
|            | Camp Verde Community Center, 395 S. Main St.  
|            | 10:00 AM to 4:00 PM -- Demonstrations, Exhibits and American Indian Art Show  
| April      | 5 Class: How Ancient Cultures Used Dyes & Pigments in Their Daily Lives  
|            | 9:00 - 2:00, Al Cornell, at the Archaeology Center  
|            | 15 Lecture: Wetherills and Rainbow Bridge  
|            | Harvey Leake  
|            | 7:00 PM, Camp Verde Community Center Rooms 206/207  
|            | 17 Member Hike to Red Tank Draw  
|            | 26 Picnic: Food, Entertainment, Games  
|            | Noon - 4:00, Toad Acres on the Verde River, Camp Verde  
| May       | 20 Lecture: Geomorphology and Paleoforests as Evidence of Past Landscape Use and Change  
|            | Kirk Anderson, PhD  
|            | 7:00 PM, Camp Verde Community Center Room 206/207  
| July       | 18-21 Excavation Field School Session 1, Dove Creek, Colorado  
| August     | 1 - 4 Excavation Field School Session 2, Dove Creek, Colorado  
|            | 15-18 Excavation Field School Session 3, Dove Creek, Colorado  
| September | 16 Lecture: Topic to be announced  
|            | Byl Bryce, Project Director and Lithic Analyst - EcoPlan Associates  
|            | 7:00 PM, Camp Verde Community Center Room 206/207  
|            | DTBA Member Hike to Honanki and Loy Canyon Pictographs  
| October    | 11 International Archaeology Day  
|            | 10:00 am to 4:00 pm – Lectures and Films: Archaeology Center, Camp Verde  
|            | 18 Archaeology Day Gala Dinner and Live Auction  
|            | 6:00 PM Poco Diablo Resort, Sedona  
|            | Guest Speaker: Marshall Trimble, Official Arizona State Historian  
|            | 21 Lecture: Navajo Archaeology, Kerry Thompson, PhD,  
|            | 7:00 PM, Sedona Creative Life Center, 333 Schnebly Hill Rd.  
| November  | 16 Archaeology Sunday Lecture: Use of Isotope Analysis in Archaeology  
|            | Kate Compton-Gore, M.A., Verde Valley Archaeology Center Archaeologist  
|            | 2:00 PM, Camp Verde Community Center Rooms 206/207  
|            | DTBA Member Hike to Nature Conservancy’s Hartwell Canyon  

Sponsor a Lecture

Bringing in distinguished speakers to present their topic often requires the Center to pay travel expenses and sometimes an honorarium. You can sponsor a lecture for $500. In addition to being acknowledged at the lecture and in the Quarterly, a sponsorship includes dinner for two with the speaker either before or after the presentation. For more information, call Ken Zoll at 928-593-0364.
In addition to the ongoing need for general donations, the Verde Valley Archaeology Center often needs specialty items. We have several items listed on Amazon. To find our list go to Amazon.com and click on the Wish List on the top right and select “Find a Wish List.” Type our name in the space provided.
**Become a member** to help protect the ancient cultural heritage of the Verde Valley. Visit us at [www.verdevalleyarchaeology.org](http://www.verdevalleyarchaeology.org) to join online, download an application, or stop by the Center.

### Membership Application

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<tr>
<th>Membership Level</th>
<th>Tuition</th>
<th>Access to Laboratory Facility</th>
<th>15% Gift Shop Discount</th>
<th>Archaeology Quarterly Newsletter</th>
<th>Group Hiking Opportunities</th>
<th>Archaeology Fieldwork Opportunities</th>
<th>Invitations to Events and Previews</th>
<th>Travel Opportunities with Educators</th>
<th>Discounted Specialty Classes</th>
<th>VVAC logo Aluminum Water Bottle</th>
<th>Free Admission to 10+ museums</th>
<th>Free Tickets to Film Festivals</th>
<th>Archaeology Quarterly Acknowledgement</th>
<th>No Annual Renewals</th>
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**VERY IMPORTANT**

Members frequently receive information about archaeological sites that are considered sensitive and protected. By submitting this application, you agree to adhere to all objectives of the Center and the Antiquity Laws of Arizona and the United States especially the objective that discourages "exploitation of archaeological resources" particularly for direct or indirect personal gain or recognition.

- $10 Student
- $35 Supporting
- $50 Contributing
- $100 Sustaining
- $250 Benefactor
- $350 Life
- $500 Patron
- $_________ Additional Donation
- Total Amount:

  - Enclosed Check (payable to VVAC)
  - Credit Card: [ ] Visa [ ] MC [ ] AmEx [ ] Disc
  - Amount $_________

Card number: ____________________________
Expr. Date: ________________  CCV#: _______
Signature: ______________________________