



Archeology Program

National Park Service
U.S. Department of the Interior



October 2013 Archeology E-Gram

NPS Celebrates International Archaeology Day 2013

Happy International Archaeology Day! The event, coordinated by the Archaeological Institute of America (AIA), is a celebration of archeology with activities and events for all ages. Over a dozen NPS parks and programs celebrated archeology on October 19 or throughout the month. NPS events took place at parks, food festivals, state parks, and museums. Events included behind-the-scenes tours, demonstrations, talks, and special education programs.



Participants from the NPS included:

- Palo Alto Battlefield NHP: 7th Annual Rio Grande Delta International Archeology Fair
- National Center for Preservation Training and Technology: Identification of Pottery in the Natchitoches, LA, Area
- Ulysses S. Grant NHS: International Archaeology Day 2013
- Jean Lafitte NHP&P: Archaeology Day at French Quarter Center
- Southeast Archeological Center: Coastal Lives, Coastal Places
- Minute Man Missile NHP: Highlights from the Archeology Collection at Minute Man NHP
- Salem Maritime NHS: Open House at the Narbonne House
- Salem Maritime NHS: Creamware at the Narbonne House
- Cape Cod NS: The Parker House Site: A Small Outlying Site of Interest
- American Battlefield Protection Program
- Redwood NP: archeologist demonstrated flint knapping
- NPS Archeology Program (WASO)

For more information on the International Archaeology Day events, go to <http://www.nps.gov/archeology/public/archeologyDay.htm>.

By Teresa Moyer

AIA Requests Information about International Archaeology Day in Form

International Archaeology Day (IAD) was celebrated on October 19 (and throughout the month of October) with approximately 375 events in 17 countries. Participation is expected to exceed last year's total of 60,000 participants.

The Archaeological Institute of America (AIA) organizes IAD as part of its mission to promote archeological inquiry and public understanding of the material record of the human past to foster an appreciation of diverse cultures and our shared humanity. The AIA is a nonprofit membership organization with 210,000 members along with over 100 local societies in the U.S., Canada, and Europe.

The AIA is collecting data about IAD events to help promote and expand the celebration for future years. If your park celebrated International Archaeology Day, please take a minute to complete a follow up form: (<http://www.archaeological.org/archaeologyday/followup>). If your park planned an event that was canceled please email Meredith Langlitz (mlanglitz@aia.bu.edu) so that information can be tracked as well.

Flint Knapping Demonstration at New River Gorge National River



On September 28 and 29, 2013, the New River Gorge National River held several events as part of its annual History History Weekend. Among the events was a demonstration by flint knapping experts Craig Ferrell and Dan Farnsworth at the park's Canyon Rim Visitor Center. Members of the public were invited to make arrowheads and spear points. The demonstration helped the public appreciate how the Native Americans who lived in the region made chipped stone tools for thousands of years.

For more information about New River Gorge National River, go to <http://www.nps.gov/neri/index.htm>

By David Fuerst

A young visitor practices her flint knapping skills.

Archeology in Petrified Forest National Park

Petrified Forest NP contains more than fossils! In 2013, archeologists in the park began systematically identifying and recording archeological sites on 26,000 acres of ranch lands acquired in 2011. In the first season, two crews inventoried areas close to established roads and made important discoveries.

One team found and recorded 15 archeological sites ranging from single-room field houses to slightly larger multi-room pueblos from the Pueblo II and Pueblo III period (800-1,000 years ago). The density of sites was higher than expected and, should it be representative of the area as a whole, would reveal an exceptionally intensive use of the land. One of the field houses held a cache of seven stone axe heads, a rare find since each axe head represents a great deal of effort. Raw material for the axes probably came from New Mexico and finishing the tools took many hours of grinding and polishing.

A wide variety of pottery types were represented at these sites. Park archeologists are exploring whether all the pottery came from other areas or whether some were locally made and decorated to mimic designs from elsewhere. Thin sectioning the sherds and comparing results with local clay sources may identify the materials used in pottery manufacture and help answer this question.

The other team identified a large Basketmaker site from about 1,300 years ago. Features include pit houses, storage cists, and flaking stations. This Basketmaker site also has later occupations represented by Puebloan field houses. The team found a second, even larger Basketmaker site nearby that had evidence of Archaic (much earlier) occupation. Together, just these two sites represent occupation of the area from about 5000 BCE to about 1350 CE – a span of over 6,000 years!

At the second Basketmaker site, archeologists recorded 42 features including living quarters, storage areas, flaking stations, and even a water control feature. Most exciting was an area used to manufacture shell ornaments. Shell blanks, finished ornaments, and specialized tools were all found at the site. All together, the team found 12 sites on about 90 acres – more unexpected high density occupation. The large Basketmaker sites are particularly important due to the relative scarcity of undisturbed sites and, most importantly, the landscape (grassland dune ridge) they are found in. The park currently has sites on high mesas or on ridge crests but not (until now) on the lower landscape positions like these dune ridges. These sites will contribute much to knowledge of the Basketmaker period in this area.



Petrified Forest NP Landscape. NPS photo.

In high elevations, both crews began recording another pit house village from the early Pueblo period of a more modest size – about 20 rooms. The season ended before that record was complete, although work will continue in the fall. They also mapped two Pueblo II period sites of 12-20 rooms with some interesting features, like raised platforms, which may indicate affiliation with Chacoan culture.

Contact: William Reitze (928) 524-6228 x 268.

For more information about Petrified Forest NP, go to <http://www.nps.gov/pefo/index.htm>

Federal Shutdown Puts Archeological Resources in Parks at Risk

A Georgia man discovered that the Federal shutdown of the national parks didn't mean he was free to illegally dig for artifacts at the Kennesaw Mountain NMP. Two NPS rangers and a Cobb County police officer saw him walk onto the battlefield carrying a metal detector and a shovel. When the unidentified man returned to his car, law enforcement arrested him. They found that he was carrying several objects dating to the Civil War period. The artifacts were seized and the man faces several Federal charges. An NPS archeologist is usually called to the scene of an illegal dig to check out the area; the archeologist for that area had been furloughed.

New Addition to Kennesaw Mountain National Battlefield Park Protects Historic Site

A significant site in the Battle for Atlanta has been added to the nation's most visited Civil War battlefield. Nodine's Hill is now part of Kennesaw Mountain NBP in metropolitan Atlanta. The 42-acre property saw fighting in the June 1864 Kennesaw Mountain battle when Confederate forces led by General Joseph E. Johnston tried to halt the advance of Union forces led by General William T. Sherman. After victories in 1863 at Vicksburg and Chattanooga, Sherman marched his Union forces south to Atlanta in May 1864. Johnston's forces defended Atlanta, in part by using the ridges of land northwest of the city to slow Sherman. By June 19, Johnston had retreated to a strong defensive position at Kennesaw Mountain near Marietta, 20 miles from the center of Atlanta. Kennesaw Mountain was the last major battle before Sherman's forces reached the outskirts of the city.

The Nodine's Hill land includes remnant Union entrenchments, rifle pits, and cannon placements. Known as Hays Farm, the property is also adjacent to a 58-acre, 40-home subdivision built after an unsuccessful conservation attempt in 2005.

Funding for the \$1.76 million addition came from the Land and Water Conservation Fund (LWCF). LWCF is generated from offshore oil and gas receipts, rather than from taxpayer dollars. The National Park Trust (NPT), which supports and assists in acquiring inholdings in national parks, provided financial support to The Trust for Public Land to acquire the property. They were joined by the National Park Conservation Association, Civil War Trust, and the National Trust for Historic Preservation in advocating for the preservation of the Hays Farm property.

“The National Park Trust is very pleased to work with The Trust for Public Land on this important preservation effort,” stated Jonathan Cohen, NPT board member. “... as part of our commitment to engage local students with the importance of park preservation, NPT created an education module that aligns the science and history of the Kennesaw Battlefield with state standards. NPT also will bring nearly three hundred 5th-grade students from Hollydale Elementary and Fair Oaks Elementary to the park in November for a day of outdoor education.”

Kennesaw Mountain NBP contains almost 3,000 acres. Besides protecting a major Civil War site, the park provides a variety of outdoor recreational opportunities.

To learn more about Kennesaw Mountain NBP, go to <http://www.nps.gov/kemo/index.htm>

By Benita Duling



Newly acquired property at Kennesaw Mountain NBP. NPS photo

New Podcast Series Highlights Shipwrecks at Biscayne National Park

A new series of podcasts on the shipwrecks of Biscayne NP Maritime Heritage Trail has been released. Although often thought of primarily as a natural paradise, Biscayne NP geography and biology joined forces to make the area a veritable “ship trap,” starting in the 17th century. The six wrecks highlighted in the podcast series have been mapped, documented, and buoyed for easy access and interpretation. Using the podcasts and flyers available from the park’s Visitor Center, divers and snorkelers can learn about south Florida’s maritime heritage.

“These six wrecks are not like many of the purpose-sunk vessels that make artificial reefs elsewhere in Florida.” said Chuck Lawson, the park's archeologist. “These are examples of real shipwrecks that came to grief and have associated stories of human drama. These podcasts tell some of those stories, providing a great introduction for divers and non-divers alike.”

The seven podcasts include an introduction to the trail and 5-6 minute episodes on each of the six wrecks on the trail. All seven episodes, in both English and Spanish, are available for immediate viewing and download from the park’s website, and through a subscription on iTunes U, Apple’s education portal. All episodes are fully captioned with associated transcripts, making them accessible to an even wider audience. By searching for “Biscayne National Park” on iTunes, teachers, educators, and self-directed learners can download or stream over 450 podcasts and video-podcasts from iTunes U.

For more details about the podcasts and the park, visit the park's website at www.nps.gov/bisc. For regular updates from the park, "like" the park on Facebook at www.Facebook.com/BiscayneNPS, or follow the park on Twitter at www.Twitter.com/BiscayneNPS.

Contact: Matt Johnson, (786) 335-3679.



NPS Focuses On Structural Fire Prevention

Since it was established, the NPS has been committed to protecting some of America's finest treasures, including an extraordinary collection of historic structures. Those buildings, together with administrative, residential, and other structures, make the NPS the Federal government's third largest landlord, behind only the Department of Defense and the U.S. Postal Service.

As part of its commitment to protecting these buildings and their occupants, the Service places particular emphasis each year on Fire Prevention Week, during the first week of October. As part of Fire Prevention Week, two stories related to cultural resources were posted on the NPS Structural Fire webpages:

- Preserving Our Legacy: Preventing Fires In Historic Buildings
<http://www.nps.gov/fire/structural-fire/connect/stories/fire-prevention-week-13-preserving-legacy.cfm>
- Structural Fire Protection: Protecting Our Ghosts
<http://www.nps.gov/fire/structural-fire/connect/stories/fire-prevention-week-13-protecting-ghosts.cfm>

Be sure to read these stories to learn more about fire prevention as it relates to historic structures and cultural resources.

Conversation with an Archeologist

Both our E-Gram reporter and our archeologist were furloughed this month. Check back next month to read an interview with NPS archeologist and Cultural Resources GIS Program Manager John Knoerl.

Southern Paiute Youth Learn Lessons From The Past

North of the Grand Canyon on the pine covered slopes of Mount Trumbull, nearly 20 Southern Paiute youth, along with elders, chaperones and agency staff, celebrated another successful Yevingkarere Camp. The camp, held September 21-22, 2013, brought Southern Paiute youth to traditional homelands on the Arizona Strip, and in touch with rapidly disappearing tribal cultural values.

Students from the Moapa, Shivwits, Cedar, Kanosh, Koosharem and Kaibab Paiute bands enjoyed stepping back into time – a time when young people slept on the ground, ate elk and rabbit, and sat by the fire and listened respectfully to elders' stories in the evenings. The students were taught how to play the traditional game of "que'pauck," how to make moccasins, the value of gourds and rattle making, living off the land, and how to speak their traditional language.

Tribal elders from the Moapa, Kaibab and Cedar bands led the classes. Kaibab Paiute Band of Indians Chairman Manuel Savala attended camp to offer encouragement and thank the young people for their interest and participation in learning traditional values.

The annual Yevingkarere Camp, in its sixth year, is funded through the support of Parashant Grand Canyon-Parashant NM. Other agency partners included the Arizona Strip District of the Dixie NF, Grand Staircase-Escalante NM, Pipe Spring NM, and the Southern Paiute bands.

Representatives from Bryce Canyon NP, Cedar Breaks NM and the Southern Utah University Intergovernmental Internship Cooperative observed the camp in preparation for a spin-off Kwiyaamunsi Camp, to continue outreach efforts for Southern Paiute young adults.

By Gloria Bullets Benson and Scott Sticha



Yevingkarere Camp Participants 2013

Rescheduled: Intellectual Property - How it Affects NPS Cultural Resources

On November 20, 2013, join Carla Mattix (DOI Office of the Solicitor, Division of Parks and Wildlife) for a webinar that will address intellectual property issues pertinent to Cultural Resources professionals who work with museum collections, archives, oral histories and other resources. This webinar will be the first in a series and will provide a broad overview of intellectual property and related law, including copyright, trademark, and privacy and publicity rights.

Time: 1:30 pm, Eastern Time

Session number: 997 541 929

To join the webinar:

1. Go to

<https://fedgov.webex.com/fedgov/k2/j.php?ED=217742172&UID=1345139887&HMAC=74b645f560d336b9a3719c0643c7d6ab36e44846&RT=MiMxMQ%3D%3D>

2. Enter your name and email address.

3. Enter the session password: property

4. Click "Join Now".

5. Follow the instructions that appear on your screen.

Conference Line: (866) 916-2815

Passcode: 2198079#

Contact: Jeannie Nguyen (202) 354-2024; Melissa Sims, melissa_sims@nps.gov.

SAA Offers Online Seminar on Public Archeology

NPS Archeologist Barbara Little, RPA, will present “Public Archaeology is a Moving Target” as an online seminar for the Society of American Archaeology on November 14, 2013, from 3:00-5:00 pm ET. Her online seminar will focus on public archeology as it is practiced in the U.S. today. Little is the Program Manager for the NPS Cultural Resources Office of Outreach Program Manager, an Adjunct Professor of Anthropology at the University of Maryland, and the author of numerous publications on public archeology.

For more information and to register for the online seminar, go to <http://www.saa.org/AbouttheSociety/OnlineSeminars/tabid/1503/Default.aspx#1>.

The group registration option allows an unlimited number of participants to take part in the online seminar from the same physical location, and is a great opportunity for students/classes.

All online seminar participants will receive a certificate of completion from SAA, and RPAs will receive continuing education credit. SAA Online seminars are RPA Certified.

Contact: Maureen Molloy, 202/789-8200 ext. 106

TRB Offers Free Webinar: Successful Practices for Effective Tribal Consultation

The Transportation Research Board (TRB) will offer a webinar on November 14, 2013, from 12:30-2:00 p.m. ET featuring research conducted by TRB’s National Cooperative Highway Research Program (NCHRP) about practices and programs to achieve successful transportation projects on tribal lands.

Webinar presenters will highlight findings from two NCHRP projects:

NCHRP project 25-25 Task 79 study: [Successful Practices for Effective Tribal Consultation](#) offers guidance for creating, establishing, and maintaining effective and successful consultation with Indian tribes in the context of surface transportation planning and project delivery, as specified in NHPA Section 106. Study results will be presented by Hope Luhman, Randy Withrow, Rebecca Brodeur, (all with Louis Berger Group, Inc.).

NCHRP Report 690: [A Guidebook for Successful Communication, Cooperation, and Coordination Strategies Between Transportation Agencies and Tribal Communities](#) includes guidelines to help departments of transportation and tribal communities work together to achieve successful transportation projects on tribal lands. Study results will be presented by Giovanni Migliaccio, University of Washington, and moderated by Laura Sliker, Louis Berger Group, Inc.

Participants must register in advance of the webinar, and there is a fee for non-TRB Sponsor employees. A certificate for 1.5 Professional Development Hours (PDH) will be provided to attendees who register and attend the webinar as an individual.

To register, go to <http://www.trb.org/Calendar/Blurbs/169663.aspx>

To ensure that you receive notices about upcoming webinars, subscribe to the [TRB Transportation Research E-Newsletter](#).

Contact: Reggie Gillum at RGillum@nas.edu.

National Preservation Institute Offers NHPA Section 106 Training

The National Preservation Institute is offering Section 106: A Review for Experienced Practitioners at Mount Vernon, VA, on December 4-5, 2013. This seminar is being held in cooperation with George Washington's Mount Vernon Estate, Museum & Gardens.

The instructor, Claudia Nissley, president, Nissley Environmental Consultants, will review regulations, standards, guidelines, and related laws relevant to Section 106 review. The group will discuss issues, problems, and "tricks of the trade," with an emphasis on ways to employ creativity and flexibility to reduce complexity and improve effectiveness. This seminar is designed for the experienced practitioner of Section 106 review who needs a general update. An agenda is available online at www.npi.org.

The seminar meets the criteria for programs in the Landscape Architecture Continuing Education System and participants will receive 6 PDH HSW each day.

The National Preservation Institute, a nonprofit organization founded in 1980, educates those involved in the management, preservation, and stewardship of cultural heritage. The 2013-2014 National Preservation Institute seminar schedule is available online at www.npi.org. The 2013-2014 NPI News Release includes the calendar and seminar descriptions www.npi.org/NewsRelease2013-14.pdf.

Registration. A registration form is available online at www.npi.org/register.html. The advance registration rate is extended through October 30, 2013.

Projects in Parks: The Montana-Yellowstone Archeological Project at Yellowstone Lake

By Douglas MacDonald

For the past five years, the Montana-Yellowstone Archeological Project (MYAP) has focused on research from Yellowstone Lake. Researchers from the University of Montana have worked with Yellowstone National Park cultural resources staff to identify and investigate archeological sites around the lake's shores. The project is focused on defining the role of Yellowstone Lake in the lifeways of Native Americans who lived within the northwestern Great Plains, the northern Rocky Mountains, and the far northeastern edge of the Great Basin.

To read the full report, go to <http://www.nps.gov/archeology/sites/npSites/yellowstoneLake.htm>

Projects in Parks is a feature of the *Archeology E-Gram* that informs others about archeology-related projects in national parks. The full reports are available on the *Projects in Parks* web page <http://www.nps.gov/archeology/sites/npSites/index.htm> or through individual issues of the *Archeology E-Gram*.

Archeology E-Gram, distributed via e-mail on a regular basis, includes announcements about news, new publications, training opportunities, national and regional meetings, and other important goings-on related to public archeology in the NPS and other public agencies. Recipients are encouraged to forward *Archeology E-Grams* to colleagues and relevant mailing lists. The *Archeology E-Gram* is available on the *News and Links* page www.nps.gov/archeology/public/news.htm on the NPS Archeology Program website.

Contact: Karen Mudar at dca@nps.gov to contribute news items, stories for *Projects in Parks*, and to subscribe.