



# HISTORICAL HAPPENINGS

## A NEW DIMENSION IN HISTORY

**T**hree-dimensional imaging expands the reach of museums to the entire wired universe, allowing anyone to examine objects from any angle, anytime, almost anywhere, but researchers are pushing the possibilities of the technology ever further.

Robert Z. Selden Jr., a research associate at the Center for Regional Heritage Research of Stephen F. Austin State University, has added a new feature, the tracing of objects in three dimensions, which allows you to see patterns otherwise hidden in photos of objects.

Working with artifacts from the Caddo Nation of Oklahoma, Selden started with a 3D scan of a ceramic vessel meant to allow the sacred objects to be viewed and analyzed even after they were re-interred in a burial site. Caddo ceramic vessels are remarkable in themselves for being built from coils of clay rather than spun on a wheel, and the 3D process aided in analyzing their construction.

Incidental to that process, Selden traced its decoration, which he was able to separate from the original scan and manipulate into any possible view.

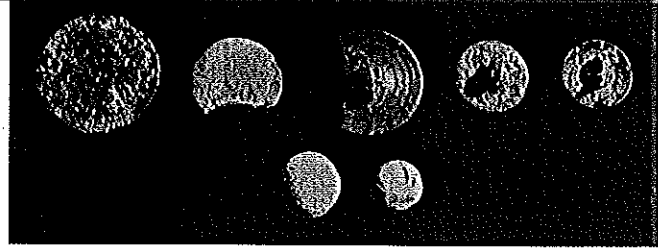
"Like the 3D imagery of the vessels, the sketches can be sliced, measured, and manipulated in a variety of ways," noted Selden. "This is particularly appealing with bottles, where traditional illustrations and roll-outs often distort the decorative motifs due to errors in converting a 3D design into an accurate 2D representation."

For museums, the 3D scanning holds great potential. Noted Peter S. Siebert, executive director of the Millicent Rogers Museum in Taos, New Mexico, "My hope would be for museums like ours to be able to use the 3D reality integrated with our exhibits to show visitors details of things they cannot see (for example, the underside of a pot or the back of a quilt), place it in context (put the pot back in the ruin or the piece of furniture into a shop), and maybe even have the ability to have first-person interpretation in a 3D way."

While the original scan of a Caddo bottle yielded a pattern in a simple band like a bracelet (top left), rotating it to a top view revealed an eight-pointed star pattern (top right).



COURTESY OF ROBERT Z. SELDEN JR.



The excavation in September uncovered, top row from left, a George II copper half penny, 1780 Spanish silver 1 real, large tombac button, small brass button, and small tombac button; bottom row from left, a lead musket ball and lead shot.

## DIG NARROWS SEARCH SITE

**W**ith archaeological excavations, sometimes what you *don't* find can lead to the ultimate discovery. That's the hope of archaeologist Steve Warfel, Friends of Fort Security, and volunteers as they wrapped up a five-week dig for a Revolutionary War prison camp that once stood on the outskirts of York, Pennsylvania.

The camp named Security was built in 1781 to house troops of British General John Burgoyne, captured at the Battle of Saratoga in 1777 and estimated to number between 1,500 and 1,800. Soldiers captured during the Battle of Yorktown swelled the camp's population in 1781. The site is the only Revolutionary prisoner-of-war camp still known to be intact.

Diggers focused on a 4-acre site after remote sensing geophysical equipment identified it as a "hot spot," explained Steve Warfel, former head archaeologist for the Pennsylvania Historical and Museum Commission, who led the effort.

"This area proved nothing but light evidence of use," he conceded. "The remote sensing had picked up on erosion gullies, but they were filled with early-20th-Century trash. But this also starts to eliminate prospective areas. You have to find your way to it."

Warfel believes the most likely location for the section of the camp enclosed by a stockade and guarded by York militiamen is near a large spring and a creek. "With that many people, you're going to need water," he said.

Recent research into the guards' pension records revealed that only single soldiers were confined behind a stockade. Married military men with families lived in huts without a fence or guards.

The sole period description of the camp, penned by prisoner Roger Lamb, described it as encompassing about 2 to 3 acres. "About two hundred yards from this pen," he wrote, "a small village had been built by prisoners of General Burgoyne's army, who were allowed very great privileges with respect to liberty in the country."

Thousands of artifacts found during a 1979 excavation likely came from the area Lamb described, called Camp Indulgence. Warfel intends to concentrate future excavations on the 8-plus acres about 200 yards from that area and near the spring and creek to locate Camp Security's footprint. ★



Keep it



You can fill

### Arizona

The Apple Tree  
Glendale AZ 85301  
622-435-8486  
www.picturetrail.com  
appletreeshop@...  
www.facebook.com

### Kentucky

Miller-Hawkins  
Primitives at De  
Antique Mall  
502-261-0754  
Louisville KY 400  
www.millemunhof.com

Rayburn Arts &  
Olive Hill Ky 4111  
606-286-2875  
www.rayburnarts.com

### Michigan

Bretty's  
Jonesville MI 497  
517-849-2477  
www.brettys.com

### New Hampshire

The General Store  
Derry, NH 37716  
603-432-8852  
www.thegeneralstore.com

### New York

Gingham Patch  
Bouckville NY 12  
315-893-7750

Kugler's Red Box  
Schenectady NY  
518-370-2468  
www.kuglersred.com

WW

**PUBLISHER**  
Tess Rosch

**EXECUTIVE EDITOR**  
Jeanmarie Andrews

**CONTRIBUTING EDITORS**  
Gregory LeFever  
Winfield Ross

**CONTRIBUTING WRITERS**  
Karla Klein Albertson  
Linda Harbrecht  
Holly V. Izard  
Rebecca Rupp

**CONTRIBUTING PHOTOGRAPHERS**  
Hoag Levins  
Carl Socolow

**ADVERTISING SALES**  
Sue Miller 717.362.9167  
suemillereal@comcast.net

**OPERATIONS MANAGER**  
Alexandra Dreka

**DESIGN DIRECTOR**  
Jim Peto

**ART PRODUCTION**  
Jim Peto

**CIRCULATION**  
Laura Amick

**ACCOUNTING**  
JoAnn Christman

Published by:  
**FIRELANDS MEDIA GROUP LLC**  
20,000 Shaker Blvd.  
Shaker Heights, OH 44122  
440.543.8566

EARLY AMERICAN LIFE (ISSN 1534-2042) is published seven times a year, six bimonthly issues and EARLY AMERICAN LIFE Christmas in September, by Firelands Media Group LLC, 20,000 Shaker Blvd., Shaker Heights, OH 44122. Periodical postage paid at Cleveland, Ohio 44101 and other entry points. POSTMASTER: Address changes should be sent to EARLY AMERICAN LIFE, Post Office Box 221230, Shaker Heights, OH 44122. SUBSCRIPTIONS: Address subscription correspondence to EARLY AMERICAN LIFE, 16759 West Park Circle Drive, Chagrin Falls, OH 44023. One year \$26.00 (includes tax) for U.S. subscriptions, \$36.00 (U.S. funds) for Canadian subscriptions. For new subscriptions, renewals or changes of address, please visit our website at www.EarlyAmericanLife.com or contact EARLY AMERICAN LIFE at 16759 West Park Circle Drive, Chagrin Falls, OH 44023. Existing subscribers should include a copy of their latest address label. EDITORIAL INQUIRIES: Unsolicited manuscripts and photographs must be accompanied by a self-addressed, stamped envelope. Query us first at queries@firelandsmedia.com.

Copyright © 2014 by  
Firelands Media Group LLC  
All rights reserved  
EARLY AMERICAN LIFE®  
is a registered trademark of  
Firelands Media Group LLC.

Early American Homes, Side by Side,  
Traditional American Crafts, and the Directory of  
Traditional American Crafts are trademarks of  
Firelands Media Group LLC.

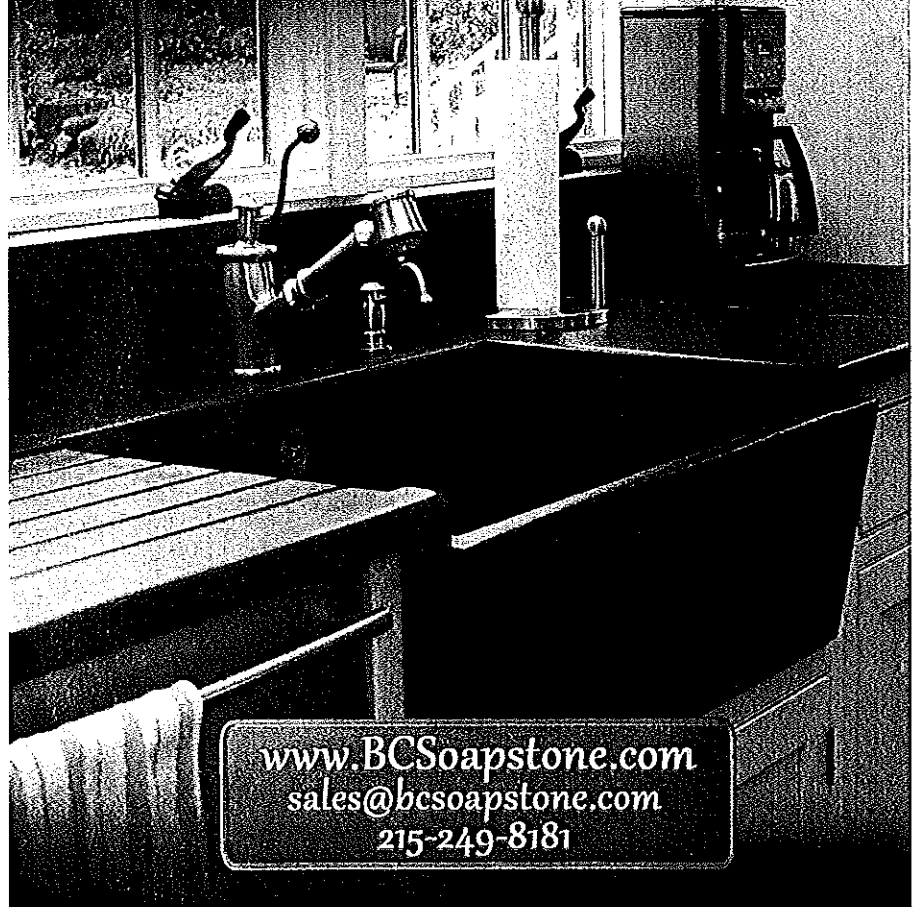
**SUBSCRIPTIONS**  
Online at www.EarlyAmericanLife.com  
E-mail at subscribe@firelandsmedia.com  
Call 800.446.1696

Write:  
Early American Life Subscriptions  
16759 West Park Circle Drive  
Chagrin Falls, OH 44023

Printed in the United States of America

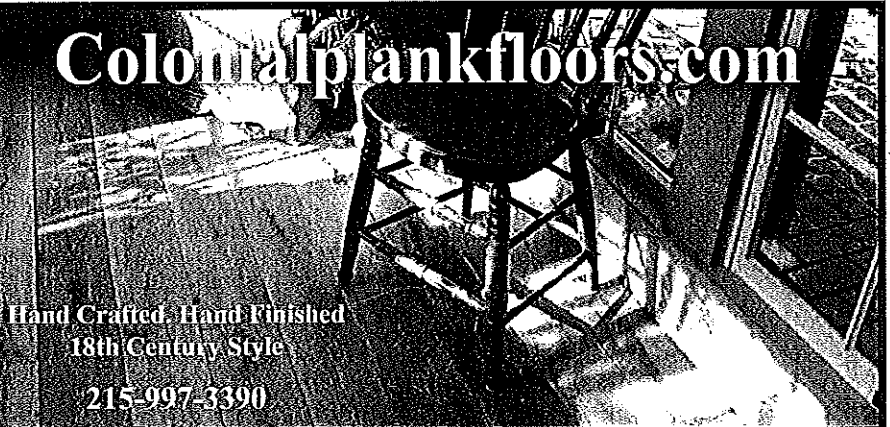


Beautiful one-of-a-kind  
sinks crafted daily in  
Perkasie, PA, USA.



[www.BCSoapstone.com](http://www.BCSoapstone.com)  
[sales@bcsoapstone.com](mailto:sales@bcsoapstone.com)  
215-249-8181

[Colonialplankfloors.com](http://Colonialplankfloors.com)



Hand Crafted - Hand Finished  
18th Century Style

215-997-3390