

THE NEW HAMPSHIRE ARCHEOLOGICAL SOCIETY

NEWSLETTER

Edited by Marika Labash

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View west from a cupola at Enfield Shaker Village, ca. 1870s

Photo credit: Enfield Shaker Museum

Enfield Shaker Village

Summer 2016 Field School

David Starbuck

The second season of archaeological fieldwork was conducted in May and June of this year at Enfield Shaker Village, focusing on portions of the mill system that ran through the community's Church Family. Students from Plymouth State University, together with volunteers, tested mill sites – especially remains of the Tan House – and then focused on the foundation of the Church Family's Blacksmith Shop. The dig was directed by David Starbuck, assisted by Hannah Dutton who served as laboratory supervisor inside the old Stone Mill (centered in-between the sites of the Tan House and the Blacksmith Shop).

The Enfield Shaker Museum was immensely helpful in sponsoring the excavation, and the Blacksmith Shop contained numerous tools, as well as horseshoes and other iron artifacts that were being shaped within the shop. Two blacksmith shops had previously been excavated by Starbuck

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Excavation inside the Blacksmith Shop at Enfield Shaker Village

ESAF News

George Leduc

The New Hampshire Archeological Society is one of 12 states in the Eastern United States and Canada that belong to The Eastern States Archaeological Federation (ESAF). Their annual November meeting was held in Langhorne, Pennsylvania.

One of the sessions was titled "Paleoindian Peoples and Landscapes of the Northeast, chaired by Jonathan Lothrop, New York State Museum, and Zachary L. Singer, University of Connecticut. Among the many papers presented, NHAS was well represented. NH State Archaeologist, Richard Boisvert, presented a paper, as well as SCRAP affiliates, Nathaniel Kitchel, Heather M. Rockwell, Jennifer Ort and Zachary L. Singer. The discussant was Brian Jones, the Connecticut State Archaeologist, also a SCRAP affiliate. The session was well attended and furthered our understanding of subsistence strategies during the Paleoindian Period in the Northeast.

George Leduc attended the ESAF board meeting to represent NHAS. The date for the 2017 ESAF meeting was approved by the board. The annual November meeting will be held in New London, Connecticut and will be co-sponsored by the Massachusetts and Connecticut Archaeological Societies.

(Continued from page 1)

at Canterbury Shaker Village, so this new project provided a tremendous opportunity to make comparisons with similar activity areas at another Shaker Village.

Perhaps the most unexpected artifact recovered during the 2016 field school was a trigger guard from a ca. 1740-1760 French hunting or trade gun (identified by Chris Fox of Skinner, Inc. in Marlborough, MA). There was no prohibition on the Shakers owning firearms, and years ago Starbuck recovered gunflints and gun parts from the Church Family Blacksmith Shop at Canterbury Shaker Village. All the same, firearms are not something that is traditionally associated with communal, religious communities such as the Shakers, so the discovery of a gun part was a great discussion topic for days afterward.



Two Plymouth State University students, Brittany Faulkner and Heather Thompson, mapping inside the Blacksmith Shop

The board also voted to draft a letter to the U.S. Army Corps of Engineers (USACE) in support of the letter submitted by the Society for American Archaeology (SAA), in reference to the Dakota Pipeline.

The SAA has concluded that, "there are unresolved questions regarding whether the USCACE has fulfilled their section 106 responsibilities in relation to the National Historic Preservation Act. The full text of the SAA letter can be found on their website saa.org, under the SAA news heading.



A mill
foundation
at
Livermore
Hollow

SCRAP Field Schools

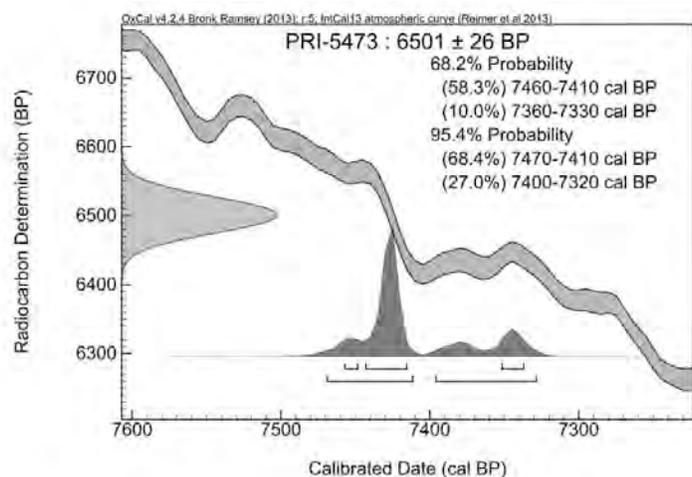
Summer 2016 Dick Boisvert & Edna Feighner

The initial four weeks of the SCRAP field school were spent at the Neilsen Site in Holderness. Following up on the 2015 field school investigations expanded on ceramic rich areas and extending the investigations further away from the Squam River. Additional Middle to Late Woodland ceramics and lithics were recovered as well as Middle and Late Archaic projectile points. Two distinctive features, a stone cluster and a charcoal rich pit were also identified. The latter feature was carefully sampled with a small trench excavated so as to bisect the pit and recover a series of feature fill samples. The large amount of charcoal prompted a submission of a radiocarbon sample for dating. PaleoResearch Institute in Golden Colorado identified the charcoal as beech and red oak. The sample (PRI-5473) returned a date of 6501 +/- 26 Radiocarbon years before present. The 1 sigma calibrated date on the sample is 7460 - 7410, 7360-7330 years before present. This places the feature at the end of the Early Archaic period and the beginning of the Middle Archaic period. The radiocarbon date on the features was provided by the family of Bill and Iris Baird, longtime supporters of SCRAP.

Abundant debitage and bifacial lithics have already been recovered from the feature and additional research is planned for this feature including flotation of the feature fill in order to obtain botanical and faunal materials for analysis. In addition, Peter Leach of Geophysical Survey Systems, Inc., conducted ground penetrating radar (GPR) of the feature, providing substantial information on the feature structure.

The concluding two weeks of the field school focused on the identification of archaeological remains associated with the mills and structures of Livermore Hollow. Livermore Falls Gorge or "Livermore Hollow" has had a long period of settlement beginning as early as 1769 when Moses Little purchased the falls and surrounding property. The property made an ideal mill site. The waterpower at the falls attracted numerous industries over the years, including a tannery, shingle mill, and a number of pulp mills. In 1820, the community consisting of at least 10 houses, 2 stores, a schoolhouse and several mills, was washed away by a severe flood. Although the historical record of milling activities is incomplete, it appears that the first of the Livermore Falls pulp mills was built in 1888 (Fibrewood Company). During the field investigations many foundations were partially exposed, several were identified through subsurface archaeological testing. One previously unrecorded foundation was identified under the current access road to the site. Also, materials recovered included Native American lithic chipping debris. Livermore Hollow will provide the SCRAP program with an opportunity for years of continued archaeological research for both pre and post contact period sites.

Dick Boisvert headed up the investigations at the Neilsen Site. Edna Feighner and Dave Trubey directed the field school at Livermore Falls.





Ashley Kippley, Samantha Tickey, and William English work with intern Ana Opishinki along the north wall of Penhallow House. Photo by Mike Fillyaw

COMMITTEE REPORT

The Northern Pass Project

Karl Roenke

On Nov. 1, 2016, the Dept. of Energy (DOE) held a telephone conference to provide an overview of the scope of work required by NH DHR for cultural landscape identification & evaluation relating to Northern Pass (NP). NH DHR is using the 1999 California direction and guidelines on cultural landscapes for the NP Project. DOE will hold two in person meetings with Consulting Parties in December to discuss their work. I will attend one on Dec. 14th and provide a report to our members. PAL is the CRM contracting firm identifying cultural landscapes possibly impacted by the proposed project. Also of interest is that Eversource now has its own professional archaeologist on staff (Mr. Mark Doperalski, of Deerfield, NH).

tanning industry in this block of the neighborhood. We also uncovered stratified layers of marine sediment and 18th century artifacts, evidently indicating a greater extent of the Puddle Dock tidal inlet than what was depicted on the 1813 Hales Map. Other interesting finds included an 1861 Civil War token, a 19th century oyster midden, and various trade ceramics, faunal remains, personal items, and architectural debris. We plan to return to the Penhallow excavations for our 2017 field season. Visit www.strawberyanke.org to find out how to join us in the field or lab!

Field School at Strawberry Banke Excavations at The Penhallow House

Alix Martin

Strawbery Banke Museum welcomed 16 students to its 40th archaeological excavation in June and July of 2016. Our focus this season was the Penhallow House, built circa 1750 on the corner of Court and Pleasant Streets (which is now part of Historic New England's Langdon House property). The house is named for Deacon Samuel Penhallow, a grandson of the first president of the Province of New Hampshire. Penhallow lived there with his wife Prudence until his death in 1813. The house was moved to its current location on Washington Street (on the west side of the museum campus) in July of 1862. Leonard Cotton, who owned many Portsmouth houses, purchased the property in 1868. The house was soon divided from a single-family home to a duplex and eventually a triplex, and in the 20th century, was occupied by Richardson and Cousins families.

Rehabilitation of this house is in the planning stages through the museum's Heritage House Program, designed to rehabilitate underutilized buildings at Strawberry Banke to provide rental space and revenue to support museum operations. Part of this house will be used to interpret the neighborhood's African American history. Our field season was intended to explore the integrity of the foundation for planning purposes, as well as to recover information about how the property was used before the house was moved here, and to investigate the additions to the house and the lives of 19th and 20th century residents.

We explored the foundation along the north and west sides of the house. A shallow builders' trench (which yielded an 1862 penny) predates a dense cobblestone feature that may have been related to a

The 2016 Annual Meeting of the Society

Mark Greenly

The 2016 Annual meeting of the NHAS was held on Saturday, October 29, 2016, at Plymouth State University, Plymouth NH. Fifty society members or guests attended, including 11 students.

A diverse program of papers were presented. Sarah Jordan, White Mountain National Forest Heritage Program Manager, spoke on the history of hiking shelters of the White Mountain National Forest and on recent efforts to document their significance. Jess Robinson, Vermont State Archaeologist, spoke on Paleoindian settlement and movement along the shores of the Champlain Sea, a saltwater extension of the Gulf of St. Lawrence that later became Lake Champlain. Brittany Faulkner, Heather Thompson, and Amber Woods, Plymouth State University, spoke on this year's PSU field school excavations at Enfield Shaker Village, which focused on the Church Family's blacksmith shop and tan house. Hannah Dutton, Plymouth State University, spoke on geochemical analysis of pre-contact ceramics at the site of Chiquilistagua in Nicaragua as a means of understanding long distance trade routes. Dick Boisvert, State Archaeologist, NHDHR, spoke on the SCRAP 2016 field school at the Neilsen Site in Holderness, noting an Early or Middle Archaic pit feature possibly used for roasting. Edna Feighner, Review and Compliance Coordinator and Historical Archaeologist,

NHDHR, spoke on the SCRAP 2016 field school session at Livermore Hollow, where the focus was to identify archeological remains associated with the industrial development of the locale ranging from 1769 through the early 20th century.

During the business meeting Sheila Charles and Edna Feighner, both of whom were leaving the Executive Board, were recognized for their service. The following members were elected as society officers and members of the Executive Board: Linda Fuerderer as President; George Leduc as First Vice-President; Mike Malburne as Second Vice-President; Dick Boisvert as Secretary; Mark Greenly as Treasurer; David Starbuck as Editor; George McCluskey as Curator, replacing Sheila Charles; Pat Hume as a Member-at-Large; and Heather Tiberi as a Member-at-Large, replacing Edna Feighner.

The Treasurer's Report was presented by Mark Greenly. As of October 28th, total cash assets were \$26,018.94. Obligated funds were \$10,914.51, leaving unobligated funds: \$15,479.43. Cash flow for the year has been income of \$6698.67 and expenses of \$5876.01, leaving a positive cash flow of \$822.66. The society offers thanks to the PSU Social Science Department for sponsoring the meeting; to Dunkin Donuts of Plymouth for donating refreshments; and to all the people who made the meeting a success.

NHAS School Visits

Mark Greenly

Members of the Executive Board visited three schools in November to talk about archeology in New Hampshire. Mark Greenly and George Leduc visited Dover Middle School on November 9th to talk to the seventh grade. On November 17th they visited Hollis Upper Elementary School to talk to sixth grade. Each of these visits was an all-day event with talks to four different groups and lunch with students who had questions about archeology. On November 18th Heather Tiberi and Mark Greenly visited Franklin High School to speak to an eleventh grade Anthropology class.



Plymouth State University student Hannah Dutton speaking at the 2016 NHAS Annual Meeting

Octoberfest 2016 at Jefferson VI

Dick Boisvert

The annual SCRAP Octoberfest excavations returned to the Jefferson VI Paleoindian site and expanded on the investigations begun with the 2015 Octoberfest. The one by nine meter trench was enlarged to a 22 square meter excavation block. Two rock cluster features previously identified were expanded and two more black soil pit features were exposed. One of the features has been sampled for carbon and a sample has been submitted for dating. Krista Dotzel, doctoral candidate at the University of Connecticut, extracted soil samples from the features and nearby shovel test pits with the objective of analyzing phytoliths to potentially identify plants that may have been associated with the features. In addition Peter Leach, archaeologist with the firm of Geophysical Survey Systems, Inc., conducted detailed ground penetrating radar transects over the excavations and surrounding area to identify anomalies that may prove to be additional features. These studies and the Octoberfest excavations will serve as a basis for the upcoming 2017 SCRAP field school.



Excavations at Jefferson VI. Photo by Peter Leach

10th Annual AIA & MOS Archaeology Fair

October 14th & 15th, 2016

2016 proved to be another successful year for the Boston Museum of Science Archaeology Fair. Visitors young and old participated in hands on activities and demonstrations, including a button-mold activity with Tanya Krajcik and a sand tray activity with help from Sheila Charles and Marika Labash. A new addition to the fair this year was “Archaeology Fair Bingo” where visitors asked fair participants questions based on their booths in order to win a prize!

For the fourth year, Sheila Charles of The New Hampshire Department of Transportation joined the panel of Ask the Archaeologist in which she answered questions from the audience.



Above: Tanya Krejcik displays mold-made buttons and Sheila Charles participates in Ask the Archaeologist. Below: Sheila Charles and Derek Bryant assist visitors with Archaeology Bingo



Letter from the President

Dear Members and Friends,

We have had a very active year including two well-attended meetings and a successful Archeology Month, all the while being a consulting party on the Northern Pass Project. We have also been busy providing outreach educational programs for youth and adults.

This past April saw over 20 Archeology Month events hosted around the state, including the Plymouth State University Lecture series, the Deerfield town hall dig, Open Archaeology Day at the University of New Hampshire, Family Day at the SEE Science center in Manchester, and DHR dig days in Concord.

We hope to increase that number of events during this coming April. In addition, the Board is diligently working on planning the Spring Meeting.

As I begin my second term as President, I feel inspired and grateful to be able to lead such a dedicated and amazing group of professional and avocational archeologists. My vision for the next term of office is to increase support of outreach programs and archeological research.

The Board bid goodbye to Sheila Charles and Edna Feighner this fall. Sheila served on the Board since 2004 and held the positions of President and Curator. Edna Feighner served on the Board since 2013 as a Member-at-Large. They have been incredible leaders and have supported the society during their time on the Board. We look forward to working with them on projects in the future.

I am delighted to welcome our two new Board members: George McCluskey joins us as Curator. He is an Adjunct Professor of Anthropology at Lakes Region Community College. He received his Master's Degree from the University of Alabama. He is a Registered Professional Archaeologist and worked for 29 years as a Senior Archaeologist in the State Historic Preservation Offices in Louisiana and Arkansas. He retired from the Arkansas SHPO office in 2013. Heather Tiberi joins the Board as a Member-at-Large. She is a Social Studies teacher at Beech Hill School in Hopkinton, NH. She studied Social Studies as an undergraduate and Heritage Studies in her Master's Program. She holds a certificate in Historic Preservation.

I would like to thank each and every one of you

for your membership support this past year. Together we help support archeology in New Hampshire. I am eternally grateful to all our very hard working Board members who have made 2016 so successful.

Your partner in archeology,
Linda Fuerderer,
NHAS President

WORDSEARCH

H	L	B	F	N	B	W	Q	N	C	B	Q	Y	C	X
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BLACKSMITH

NEILSEN

DEBITAGE

NHDHR

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The New Hampshire Archeological Society Membership Application

NAME: _____

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To apply, please fill out this form and mail it with a check made out to the New Hampshire Archeological Society or NHAS for the amount (USD) indicated for the desired type of membership:

_____ Individual \$25

_____ Institution \$35

_____ Senior (65+) \$18

_____ Student \$18 (photocopy of valid student ID required)

Mail to: New Hampshire Archeological Society
 Attn: Treasurer:
 P.O. Box 406
 Concord, NH 03302-0406

**New Hampshire Archeological Society
 Executive Board**

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1st Vice-President: George Leduc

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Secretary: Richard Boisvert

Treasurer: Mark Greenly

Curator: George McCluskey

Editor: David Starbuck

Newsletter Editor: Marika Labash

Members-at-large:

Marika Labash (term ends in 2018)

Bruce Rusch (term ends in 2018)

Heather Tiberi (term ends in 2019)

Pat Hume (term ends in 2019)

Karen Malburne (term ends in 2017)

Karl Roenke (term ends in 2017)

Please send all items for the newsletter to:

NHAS, P.O. Box 406, Concord, NH 03302-0406

Attn.: Marika Labash

marikalabash@gmail.com

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