



Thursday, April 21st, 2016, at 7:00 p.m.
“Geoarchaeological Investigations of the McFaddin Beach site, Texas.”
Lauren Cook



The Houston and Fort Bend Archeological Societies will sponsor a joint program on Thursday, April 21, featuring Lauren Cook, a Ph.D. candidate in the Department of Anthropology at Texas A & M University. Cook’s research focuses on geoarchaeology along the Gulf Coast in Texas. Her dissertation project, which will be the subject of this meeting, highlights prehistoric artifacts recovered at McFaddin Beach in Jefferson County, Texas. The meeting will begin at 7:00 p.m. at MD Anderson Hall at the University of St. Thomas and is free of charge and open to the public.

McFaddin Beach (41JF50), in Jefferson County, Texas is a 32 kilometer-long beach, stretching from High Island in the west to Sea Rim State Park in the east. McFaddin Beach is an archeological site where materials ranging from Paleoindian to Late Prehistoric time periods have been recovered. The projectile points found on McFaddin Beach are

redeposited materials from offshore, submerged locations. This presentation will discuss the role that currents, longshore drift, and hurricane activity have on artifact distribution and implications they may have for identifying the offshore site locations of these artifacts. This presentation will also review further research plans and studies to better understand the presence of Paleoindian peoples on the Texas continental shelf and throughout Texas and to develop techniques to locate offshore Paleoindian sites.



For a campus map of St. Thomas University, go to www.stthom.edu and look for the Interactive Map, Building 20, Anderson Hall. Street parking is available as well as paid parking (\$5) in Moran Center Garage at the corner of West Alabama and Graustark. For more information about this program or about the HAS, please contact lindagorski@cs.com.



President's Message

HAS Members and Friends!

Did you know that one of the most important things that all HAS members can do is spread the word in your communities about archeology and historic preservation? 2016 has been an exceptionally busy year already for the "HAS Public Outreach Team". And when I say "HAS Public Outreach Team" I mean YOU!!!

Many of us in HAS have spoken to local groups, presented lectures, examined collections and responded to questions about archeological subjects since January. In fact, HAS members Dr. Jason W. Barrett, Dr. Gus Costa, Douglas Mangum, Louis Aulbach and I were among a group of professional and avocational archeologists to present a six week course entitled "Houston Archeology" at Rice University's Glasscock School of Continuing Studies.

There were over 50 students in the class – and many of them will be joining us for a field trip to the Cotton Field site on the Tait Ranch April 2 and 3! Those of you who join us at Cotton Field that weekend will be continuing the public outreach and education effort, thus becoming members of the "HAS Public Outreach Team"!

Several other HAS members are carrying the torch into the community as well. Dub Crook has presented programs on a variety of archeological subjects including the Archeological background of the Persian Period to a group in Kingwood and on his archeological surveys on the East Fork of the Trinity River to the Tarrant and Fort Bend County Archeological Societies and in Nacogdoches to the annual Caddo Conference (talk about taking the show on the road!). Dub will also present a talk on the Timber Fawn Clovis Site at the Kingwood Library on May 7 (if you missed his talk to HAS on this subject in January run don't walk to the Kingwood Library to see this presentation! It is awesome!)

Larry Golden and I presented a program entitled "Ghosts on the Mudflats" – Artifacts recovered from the Lost Townsite of San Jacinto" to a nice crowd of about 50 people at the Heritage Society on March 17. We even signed up a couple of new members as a result of this talk! Louis Aulbach and I have presented several programs since the beginning of the year to groups in League City, Harris County (the Harris County Historical Society, the Les Belles Lettres Book Club in Houston, the Bellaire Historical Society, the Study Group of the Bayou Bend Docents, the Crestwood Manor Garden Club, and two local DAR groups) plus taught a class at the University of Houston. A group of HAS members including Bob Sewell, Louis and I also made a presentation including a hands-on program at the Awty International School for three classes of second graders and a group of us will shortly present a similar class on archeology to the Texas Master Naturalists - Gulf Coast Chapter. Plus, as reported in last month's *President's Message*, a group of HAS members are tackling a project in Wallisville that will result in community outreach and education there.

We have developed several presentations and scripts targeted to specific groups (kids, adults, historians, etc.) that we would be delighted to share with you if you would like to present a program to a group in your neighborhood. Please join us in our efforts as part of the HAS Public Outreach Team to get folks excited about digging up Texas history – one trowel full at a time!

- Linda Gorski, President Houston Archeological Society

Minutes

Houston Archeological Society Membership Meeting

March 17th, 2016

Welcome Everyone – Linda Gorski

Linda Gorski welcomed new members and guests. A total of 40 members and guests were signed in.

Treasurer – Tom Nuckols

Checking Account: \$18013.88 Savings Account: \$14979.74

Membership - Bob Sewell

We have 156 members signed up for 2016. Membership forms at back. Members need to renew by end of March to maintain their membership. All new and renewing members get a bumper sticker and a copy of the newest HAS Report and Journal.

New Business

• **Audit Committee**

- The Audit committee, comprising of Charlie Aulbach, John Lumb, and Louis Frey met on 25 February, 2016. The committee found the books to be in good order and had 4 recommendations to improve the society's accounting procedures. These will be reviewed by the Board and implemented over the next several months. Any member who wishes a copy of the report should contact Linda Gorski (President).

• **Publications**

- Special Report #26 (Timber Fawn) is now available. Journal #135 has been available since the January meeting. Members may collect their copies this evening.

Projects

- **Cotton Field Site:** This hugely successful project will again be the site for the TAS 2016 Field School. Next work weekend will be March 19 and 20, 2016.
- **Frost Town:** Hazmat issues are still a problem.
- **Wallisville Heritage Center:** HAS has been asked by the director and the curator of this facility to help them organize their collections. Wallisville sustained severe damage during Hurricane Ike and their collections were in disarray. Collections include artifacts from some of the 200+ archeological sites that have been excavated in that area. A small team has visited Wallisville on 2 occasions and will be doing more work there in the future.
- **Lab at Rice University:** Labs continued at Rice University on March 15. Labs will now be on Tuesday nights due to students using lab on Mondays. Watch for information from Dr. Gus Costa.
- **TAS Academies:** There are two Academies scheduled – one in March for Geoarcheology that will be held this coming weekend in Kingsland and one April 30 and May 1 in Canyon for lithics. These are very popular and will sell out fast! Flyers in the lobby.
- **TAS Field School 2016:** TAS Field School 2016 will again be held at the Tait Ranch in Columbus June 11-18, 2016. Camping facilities will be available at the Colorado County Fairgrounds. More information is available on the TAS website www.txarch.org or the HAS website www.txhas.org.
- **Spring Creek:** A shovel testing project along a new hiking path / bike trail is planned. Please contact Linda Gorski.
- **Program for March 2016** – HAS member Eleanor Stoddart discussed recent surveys at the site of the proposed Nau Center for Texas Cultural Heritage.
- **Program for April 2016** – Lauren Cook, PhD candidate at Texas A & M will present a program highlighting why so many prehistoric artifacts wash ashore at McFaddin Beach, Jefferson County, Texas.

The next HAS meeting is scheduled for Thursday, April 18th, 2016.

Bob Sewell, Secretary Houston Archeological Society

Notes on Munitions

The .22 Caliber Long and the .22 Caliber Long Rifle Rimfire Cartridges

By Tom Nuckols

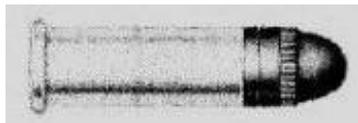
Some of the munitions artifacts that I have analyzed from archaeological sites in the past few years consist of .22 caliber rimfire cartridges cases that have a length of approximately 0.600". All that I can say about the cases is that they originated from a .22 caliber Long or Long Rifle rimfire cartridge. The inability to choose one or the other is that both cartridges share the same case length. A longer and heavier bullet in the .22 Long Rifle rimfire cartridge differentiates the two.

.22 Long Cartridge

I have yet to understand who invented/developed the .22 Long cartridge. I'll quote three references so you'll understand my confusion.

- 1) Barnes (2006: 477): "The .22 Long is listed in the 1871 Great Western Gun Works catalog for the seven-shot Standard revolver. A few years later, it is listed in the Remington and Stevens catalogs as a rifle cartridge."
- 2) Suydam (1960: 52): "Not until 1871 was there any modification of the No. 1 Pistol Cartridge (.22 Short). In that year the "Standard" pistol was chambered for the .22 Long cartridge, holding an additional grain of powder in a case .2" longer than the No. 1 (0.423")."
- 3) Walter (1999: 245) "The earliest listing is for a Standard revolver of the early 1870s, but Remington, Stevens and others had announced rifles chambering [the] .22 Long by 1875."

The .22 Long cartridge particulars:



Overall cartridge length is 0.800"

Lead bullet weight is approximately 29 grains.

Originally loaded with 5.0 grains of very fine black gun powder (FFFFg). Currently loaded with smokeless gun powder in two variations; the "standard velocity" and "high velocity" charge.

Bullet speed when the cartridge is fired in a gun (depending on manufacturer and powder charge and whether fired in a pistol or rifle) is approximately 1,000 to 1,250 feet per second.

As far as I can determine, Cascade Cartridges, Inc. of Lewiston, Idaho, is currently the only manufacturer of .22 Long ammunition.

.22 Long Rifle Cartridge

"Information available indicates that the .22 Long Rifle was developed by the J. Stevens Arms & Tool Co. in 1887" (Barnes 2006: 477).

The .22 Long Rifle cartridge particulars:



Overall cartridge length is 0.975"

Lead bullet weight is approximately 40 grains.

Originally loading was the same as the .22 caliber Long.

Currently loaded with modern blends of smokeless gunpowder that generates enough power to cycle semi-automatic pistol actions.

Bullet speed when the cartridge is fired in a gun (depending on manufacturer and powder charge and whether fired in a pistol or rifle) is approximately 1,200 to 1,400 feet per second.

Currently, the .22 Long Rifle cartridge is manufactured by numerous ammunition companies.

REFERENCES

- Barnes, Frank C.
2006 *Cartridges of the World, 11th Edition*. Gun Digest Books, Iola, WI.
- Suydam, Charles R.
1960 *The American Cartridge. An Illustrated Guide of the Rimfire Cartridges in the United States*. G. Robert Lawrence, Santa Anna, CA.
- Walter, John
1999 *The Guns That Won the West. Firearms on the American Frontier, 1848-1898*. Greenhill Books, London, Stackpole Books, Mechanicsburg, PA.

EXCAVATIONS AT COTTON FIELD, MARCH 19 – 20, 2016

As most of you know, we are continuing archeological excavations at the Cotton Field site at the Tait Huffmeyer Ranch in Columbus, Texas that we began during Texas Archeological Society Field School in 2014 and continued in 2015. The Cotton Field site, located in Colorado County, offers ideal conditions for studying the Late Prehistoric period, spanning both the Austin phase (ca. 650AD - 1200AD) and the subsequent Toyah phase (1150 AD – 1500 AD) in Texas. Thanks to our landowners, Rita Tait Jackson and Ed Jackson, we are continuing our excavations under the direction of HAS member and Field School PI, Dr. Jason W. Barrett.

On March 19 – 20 we not only tackled work at Cotton Field, we also had a crew, under the direction of Art Tawater, working at the Bluff Site and another crew under the direction of Sue Gross and Rita Tait Jackson, working in the lab cataloguing artifacts that were recovered on the grounds of the historic Tait town house in Columbus. All this work is underway as we prepare for the 2016 TAS Field School which will once again be held at the Cotton Field, Bluff and Tait town house sites between June 11 – 18, 2016.

There are just a few more work sessions at these sites before Field School - **April 2-3 and 23-24, and May 21 and 22**. Mark your calendars now!! If you plan to join us, please email me back at lindagorski@cs.com so I can add you to our Cotton Field contact list and send you directions to the site as well as other important information including cancellation notices in case of severe weather. Remember, you must be a member of the Houston Archeological Society, or one of the other regional archeological societies or the Texas Archeological Society to participate. If you are not yet a member of the Houston Archeological Society, please go to our website at www.txhas.org and click on “Membership”.

Here are a few photos of our productive work weekend in Columbus March 19 – 20. To see a complete photo album of these activities, go to the HAS website at http://www.txhas.org/cottonfield_bulletins.html and click on Bulletin #8.



New HAS members Lou Phillips, left, and Bob Baxter, center, learning the ropes from Tom Nuckols.



Nathan Palmer, Ariel Ehrman with crew chief Tom Williams.



Even Dr. Jason Barrett gets down and dirty at Cotton Field! Jason will again be the TAS Field School PI.



This artifact, identified as a Friday biface, was recovered at Cotton Field.



This pottery sherd was one of several recovered at Cotton Field.



Art Tawater worked with a small crew at the Bluff Site to prepare the area for Field School. Among the artifacts Art and his team recovered are these three ceramic sherds that actually cross mend. We believe this is a portion of a tea cup as it is decorated on both sides. The pattern has been identified by Sandra Pollan as Chinoiserie After Pillemont, by William Adams & Sons, 1829-61



Bison tooth recovered from one of the units on Sunday.



Lab Crew sorting artifacts recovered from the grounds of the Tait House during Field Schools in 2014 and 2015.

TAS FIELD SCHOOL June 11 – 18, 2016 Tait Huffmeyer Ranch, Columbus Texas

How many of you have ever attended a Texas Archeological Society Field School? If you have, you know what it's like to spend a terrific week camping out and digging in the field with a bunch of folks who share your interest in history and archeology. If you have not ... you just don't know what you are missing!

The 2016 TAS Field School will once again be held at the Tait Huffmeyer Ranch in Columbus, Texas, from June 11 - 18. Investigations will continue at the Cotton Field and Bluff sites on the Ranch. The kids program will be held at the Tait House in Columbus. Camping this year will be at the beautiful 75-acre Colorado County Fairgrounds. This site includes a covered pavilion for our activities and real bathrooms! Note that a new activity this year will be the TAS Field School Archaeolympics!!! Glynn Osburn is coming up with a series of games and activities designed to test knowledge of tasks that prehistoric people relied on for daily survival including throwing atlatls and rabbit sticks. Start practicing now for this prehistoric skills competition!



Colorado County Fairgrounds, Columbus

HAS member Dr. Jason W. Barrett will again be the PI for field school. Here's how Jason describes the sites we will be surveying and excavating at the upcoming field school:



Colorado County Fairgrounds, Columbus

“This 2016 Texas Archeological Society Field School focuses on iconic elements of Texas history, which are surprisingly easy to find in Colorado County as it turns out. It also occurred to me that each of the sites we plan to explore this year represents a sort of crossroads in the state's deep history. At Cotton Field we will observe the lifeway transitions that followed the ultimate abandonment of atlatl-propelled weaponry once the bow and arrow was introduced and widely adopted. At the Bluff site, teams will investigate the pioneering enterprise of settling the new Texas frontier, where people left behind all that was familiar to forge new destinies (actually, they seem to have brought a lot with them, which is quite fortunate for us). More than representing a time period, this year's sites provide windows into periods of transition; they represent history at the

crossroads. The Youth area will once again focus on the grounds surrounding the historic Tait House, located in downtown Columbus under the shade of century-old oaks. Construction of the antebellum homes dates to the period 1856-1858 and it has been owned and maintained by members of the Tait family ever since.”

You can find complete information about the 2016 TAS Field School including a comprehensive article by Dr. Barrett, registration forms, maps, camping and lodging information, and rules and regulations on the Houston Archeological Society website at http://www.txhas.org/field_school_2016.html

Look forward to seeing you there!!!

SATURDAY APRIL 16, 2016 5pm
Scanlon Room, 2nd Floor Jerabeck Center, University of Saint Thomas

The Friends of Archaeology

ANNUAL DINNER

SPEAKER: DR. LOUIS MARKOS, PhD.
Robert H. Ray Chair in Humanities at Houston Baptist University
Scholar-in-Residence
Professor of English

“The Apology of Citizen Socrates”

In 399 B. C., the citizens of Athens voted to have the great philosopher and teacher, Socrates, put to death, an act that marked the final end of the Golden Age of Greece. However, out of that dark moment in the history of Western culture, there arose a document that encapsulated for all time the very ideals that the trial served to destroy. For, in Socrates' Apology (that is, his defense before the court) was preserved a record of that spirit which had made Athens the envy of the world and the School of Hellas.

Join us as we analyze closely the many facets of Socrates' Apology and learn (as did America's Founding Fathers) what it truly means to be a philosopher, a hero, and a citizen.

Instead of a stone artifact, the Apology is one of the greatest written artifacts: a speech that sums up the whole Golden Age.

Cost per person with dinner is \$40.
Cost per person “lecture only” is \$10.

Your evening will include, good friends, great wines, non-alcoholic beverages, delicious dinner, (menu below), and an “interesting lecture” by Dr. Markos *who has been known to wear his toga to these events.*

Please reply to this email with your intent regarding this intellectual, yet fun event.

- Will attend dinner and lecture at 5pm \$40
- Will attend “lecture only” at 7:30pm \$10
- Will not attend

Please make your check payable to: ‘The Friends of Archaeology’ and mail with your email address to:

Bill Bartlett
1631 Marshall
Houston, Texas 77006

You will receive an email confirmation after your payment is received.

Menu

Grilled London Broil, or Chicken Cordon Bleu, or Vegetarian

All entrees include, fresh baked bread with herbed butter, Caesar salad with parmesan cheese and homemade croutons, roasted rosemary potatoes, green beans almandine, dessert, iced tea with lemon, iced water, decaf and regular coffee.

For an event of this caliber, it is the best deal in Town!

Togas Optional!

Houston Archeological Society
Monthly Meeting Programs for 2016
7:00pm Third Thursday of every month (except June)
M. D. Anderson Hall, St. Thomas University

May 19, 2016 - Louis Aulbach and Linda Gorski – “**Rome in Ruins – Archeological Sites along the Aurelian Wall**”. HAS President Linda Gorski and HAS Vice President Louis Aulbach will present a program highlighting portions of their newest book, *Along the Aurelian Wall – Rome in Ruins – A Self-Guided Walk*. Most travelers who visit Rome as tourists have a limited amount of time to see the sites. They do the “Caesar shuffle” – see the Colosseum and the Roman Forum -- and think they have seen it all. This talk will highlight the archeological sites of ancient Rome, from the city’s founding in 753 BC to the end of the Roman Empire in 476 AD, over 1200 years of cultural history. The program will feature photos of many of these ancient sites which are off the beaten tourist track.

June 16, 2016 – **No Meeting** – We’ll see you at TAS Field School June 11 – 18 in Columbus, Texas!

July 21, 2016 – Dr. Jason Barrett Report on the **2016 TAS Field School at the Tait-Huffmeyer Ranch in Columbus, Texas**. Dr. Barrett, HAS member and Field School PI, will lead a program highlighting excavations and artifacts recovered at the Cotton Field and Bluff sites at the Tait Huffmeyer Ranch and reports from the youth group excavations at the Tait House in Columbus.

August 18, 2016 – Ashley Jones, RPA “**Archaeological Investigations of the Treviño-Urbe Rancho (41ZP97), San Ygnacio, Zapata County, Texas**” - In November 2015, Raba Kistner Environmental, Inc. conducted archaeological investigations of GPR anomalies and of architectural features of the Treviño-Urbe Rancho (41SP97), in San Ygnacio, Texas. San Ygnacio, located along the northern banks of the Rio Grande, was initially settled as part of the Nuevo Santander colony. In the 1820’s, Jesús Treviño purchased land in the area and established a ranch. The initial structure - a fortified, one-room shelter constructed in 1830 – reflects the dangers faced by the early colonists of Nuevo Santander at the end of the 19th Century. By 1871, the ranching complex, including a multi-room home and walled courtyard, was completed. New colonists arriving in the area led Treviño to plan the town of San Ygnacio. The Treviño-Urbe Rancho is the one of the few remaining standing structures from this time period north of the Rio Grande. Archaeological investigations of the property identified three possible features and approximately 5,000 artifacts, including ceramics, faunal remains, personal items, and architectural materials were recovered. Jones will discuss the history of the property, and how the cultural materials and architectural features identified during the investigation of the ranch provide insight into the lives of the Treviño and Uribe families.

September 15, 2016 – Wilson W. “Dub” Crook, “**Difficulties in Sourcing Turquoise Using X-Ray Fluorescence**” - Dub Crook, one of our most popular speakers, will give a presentation highlighting his continuing research on artifacts recovered from sites along the East Fork of the Trinity River. Recently, three artifacts of turquoise, including two beads and a small pendant, have been recovered from the Branch site (41COL9) in Collin County. In an effort to source the turquoise, Dub Crook has used a more complex multi-element analysis in an attempt to develop a non-destructive trace sourcing methodology. This talk will discuss the difficulties in sourcing a complex mineral such as turquoise using XRF and its potential for sourcing similar artifacts found in Caddo sites across East Texas.

All **Houston Archeological Society** meetings are free of charge and open to the public. For more information about HAS visit our website at www.txhas.org or email lindagorski@cs.com. You can also join our Facebook page at <https://www.facebook.com/groups/123659814324626/>

Laboratory

We will have lab next Tuesday April 5th, 2016. This is the last scheduled lab for the Spring. There will be additional labs through the summer (May, none in June due to field school, July and August), but they have not yet been set.

- Gus Costa

DON'T FORGET MEMBERSHIP RENEWAL IS DUE

It's that time of the year again!! If you have not done so already, it is time to renew your HAS Membership for 2016. For just \$25 for an Individual, \$15 for a Student, or \$30 for a Family you can continue to be part of the most active Archeological Society in Texas. You can find a membership form on our website at

<http://www.txhas.org/PDF/HAS%20Membership%20Form.pdf>

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Note: Please submit articles for publication to *The Profile* Editor Bob Sewell at newsletter@txhas.org. Submit articles no later than April 25th for the May 2016 issue.

FOR MORE INFORMATION ON ARCHEOLOGY IN THIS AREA, CONTACT THE FOLLOWING:

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