



Thursday, March 22nd, 2018, at 7:00 p.m.

“Steam Yacht Anona: History, Archaeology, and Looting of a Deepwater Shipwreck” – Dan Warren

Professional archeologist Dan Warren will present the program at the Thursday, March 22nd HAS meeting, highlighting his work as an underwater archeologist on deep water shipwrecks including the Steam Yacht *Anona*. The meeting will be held at 7:00 p.m. in the basement of Doherty Library Room 009 on the campus of the University of St. Thomas. The meeting is free of charge and open to the public.

Warren’s program will focus on the Steam Yacht *Anona* which was once a luxury yacht for millionaires but ended its days as a potato freighter when it foundered in the Gulf of Mexico in 1944. *Anona* lay undisturbed on the seafloor until it was located and incorrectly identified as a modern wreck in the 1990s. Not until 2002, was the wreck site re-discovered and correctly identified. In 2014 two archaeological investigations were carried out on the *Anona* shipwreck as part of a larger study examining the impact of the Deepwater Horizon oil spill on shipwreck sites. These investigations revealed new information about the site, including evidence of extensive looting activity that did extensive damage to the wreck site. This talk will outline the history of this unique ship as it went from luxury yacht to potato freighter and discuss the wreck’s archaeology, including the evidence of looting.



Daniel Warren is a professional archaeologist with over 25 years of experience in the field. He is also a member of the Houston Archeological Society. Mr. Warren has training in both terrestrial and underwater archaeology, as well as, material cultural analysis. He is currently the Principal Investigator and Co-Owner of P&C Scientific, LLC, an archaeologic consulting company based in Houston. Before forming P&C Scientific, Mr. Warren worked at Oceanering Intl., Inc. and C & C Technologies, Inc. interpreting high-resolution geophysical data for world-wide shipwreck investigations, oil and gas surveys, search and recovery operations, and cable route studies. He was part of the archaeological team that located and identified the German submarine *U-166* in the Gulf of Mexico during 2001. In 2002, Mr. Warren verified the identities of the H.M.S. *Ark Royal* in the Mediterranean and the wreck of the steam yacht *Anona* in the Gulf of Mexico from AUV and ROV data. He was also the Principle Investigator for the 2003 archaeological investigations at the *U-166* wreck site and for the 2009 Lophelia II Project’s shipwreck component. Mr. Warren is currently editor and a co-author of an upcoming publication examining several shipwrecks investigated during the NOAA Office of Ocean Exploration’s 2012 Okeanos Explorer cruise.

For a campus map of the University of St. Thomas, go to www.stthom.edu and look for the Interactive Map, Building 22, Doherty Library. Street parking is available as well as paid parking in Moran Center Garage at the corner of West Alabama and Graustark. For more information about this program or about the Houston Archeological Society, please contact Linda Gorski, at lindagorski@cs.com.



President's Message – Linda Gorski

HAS Members and Friends –

Did you know that among the many local, state and national organizations that frequently request archeological volunteers is the US Forest Service! Recently, HAS members Beth Kennedy, Liz Coon-Nguyen, and Sandy Rogers volunteered with the Forest Service "Passport in Time" program February 18-23. The project was titled "A Site Predictive Model Evaluation of the Davy Crockett National Forest" near Lufkin and involved digging a lot of shovel test pits ... in some chilly, rainy weather!

According to Will Reed, PIT National Coordinator for the US Forest Service, *"The goal of PIT is to preserve the nation's past with the help of the public. As a PIT volunteer, you contribute to vital environmental and historical research on public lands. Your participation helps us not only to protect and conserve the sites, memories, and objects that chronicle our collective past, but also to understand the human story in North America and ensure that story is told to our children and grandchildren. We cannot do it without you!"*

As with so many organizations, volunteers are the heartbeat of the Forest Service. The types of work a volunteer can perform are many and varied; the only tasks a volunteer cannot carry out are those associated with law enforcement. Your talents and skills are matched with your work preference to obtain a role that satisfies you and best fulfills the mission of the Forest Service/USDA. You may work on a part-time or full-time basis. You can participate in a one-time project or serve over several months, seasons, or year-round. The commitment you make is up to you. Training may be provided to you if your job requires it. If you are retired or have summers free, you may wish to live on a national forest while you work as a volunteer. College students may perform volunteer service related to their coursework for college credit. A variety of jobs are available if you prefer the office environment. There are also numerous opportunities to perform vigorous but satisfying physical labor outdoors.



l-r: Beth Kennedy, Liz Coon-Nguyen, and Sandy Rogers, with Barbra Chadwick at the Davy Crockett National Forest

Visit [Volunteer.gov](https://www.volunteer.gov) to search and apply for volunteer opportunities in the National Forests and Grasslands in Texas.

If you are interested in volunteering with the Forest Service, I'm sure that Liz, Sandy and Beth would be happy to share their experiences with you. Email me at lindagorski@cs.com and I'll get your request to them.

MINUTES
Houston Archeological Society Monthly Meeting
February 15, 2018

Welcome New Members and Guests: Linda Gorski (President): The meeting was called to order at 7:00 P.M. Linda commented on the large number of people in attendance at this meeting. Thanks to everyone for coming!

Treasurer's Report (Bob Sewell): Bob reported amounts in the HAS checking and savings accounts. If any member is interested in more information about HAS finances, please see Bob.

Audit Committee (Linda Gorski): John Lumb, Charlie Aulbach, and Geoff Mills, the HAS Audit Committee for 2018, are working on the audit and should be finished soon. The report will be presented at the March meeting.

MEMBERSHIP DRIVE (Bob Sewell): Bob reported that so far in 2018 our membership totals 142, with some extras tonight. Our drive is now underway! The membership year runs January – December with a three month grace period. Please renew your membership before the end of March. After that date your name will be removed from our email list of active members.

New Business:

Publications (Dub Crook and Louis Aulbach): Louis announced that two publications will be ready before the summer. Part of your membership includes these free publications, which Louis will distribute after the meeting.

Lab Report (Linda Gorski): Recent weather has not been cooperating for Labs in Linda's driveway. Watch for information.

Projects:

Frost Town (Dr. Jason Barrett): Rumor has it that Phase II of the Frost Town project will commence on February 19. As soon as we have more information, we'll send it to members. You must be an HAS member to participate in this project. Frost Town is the earliest German settlement in Houston and dates back to 1838!

Kleb Woods Public Archeology Project (Ashley Jones): We had a great turnout on January 20 and opened two new units. We were joined by a big Boy Scout troop and several visitors. Unfortunately, our February 10 GPR survey was rained out, so will need to be rescheduled. Watch for announcements of the next date at Kleb Woods.

Archeology Academies (Linda Gorski): March Archeology 101 will be here in the Houston area at San Felipe de Austin State Historic Site on March 9-11. Check the TAS website for registration forms and other information.

MARCH PROGRAM: HAS member and professional archeologist **Dan Warren** will present a program on *The Steam Yacht Anona: History, Archaeology, and Looting of a Deepwater Shipwreck*.

Once a luxury yacht for millionaires, *Anona* ended its days as a potato freighter, when it foundered in 1944. *Anona* lay undisturbed on the seafloor until it was located and incorrectly identified as a modern wreck in the 1990s. Not until 2002, was the wreck site re-discovered and correctly identified. In 2014 two archaeological investigations were carried out on the *Anona* shipwreck as part of a larger study examining the impact of the Deepwater Horizon oil spill on shipwreck sites. These investigations revealed new information about the site, including evidence of extensive looting activity that did extensive damage to the wreck site. This talk will outline the history of this unique ship as it went from post yacht to potato freighter and discuss the wreck's archaeology, including the evidence of looting.

TONIGHT'S PROGRAM: **Larry Golden** presented a short program on marbles, which we generally find at every historic site.

Main Speaker: Brad Jones, Collections Manager/Curatorial Facilities Certification Program Coordinator, Texas Historical Commission, presented *The Archeology of Arrows Along the Texas Coast: Observations from the La Salle Affair in the 1680's*.

La Salle's failed expedition to establish a French colony on the Mississippi in 1684 left behind a rich archival record from both French and Spanish eyewitnesses. Among these are several observations on the social context of arrow use among the indigenous groups that were encountered between 1685 and 1690. Reading between the lines, these documents have interesting implications for interpreting arrows found in regional archeological contexts as well as across Texas. Drawing on results from the THC's excavations of La Salle's wrecked ship *La Belle* and the site of his settlement of Fort St. Louis and 1720-26 Spanish Presidio La Bahia, the talk examines how these early records enrich our understanding of the archaeology of arrows and the persistence of this technology among indigenous communities in the changing social contexts of the 17th and 18th centuries.

- Beth Kennedy, Secretary

Public Outreach at Highlands Elementary School Career Day

Last week Louis Aulbach and I represented the Houston Archeological Society at Career Day at Highlands Elementary School in Sugar Land. As most of you know, HAS members spend a lot of time in local classrooms, sharing our love of archeology and history with local students. Interestingly, there were 18 professions represented at this career day event including engineers, lawyers, nurses, doctors, chemists, space agency employees, firemen, policemen, a helicopter pilot - and more. Students from grades 2 – 5 were allowed to choose which career they would learn about during the day and we were so excited that our class featuring archeology was full the whole morning with over 25 students participating in each of our three presentations. We were most impressed with the questions the students asked during our presentation! These kids have inquiring minds!



The students especially enjoyed the large display of real historic and prehistoric artifacts that we bring to each of our presentations. These hands-on displays include prehistoric artifacts including flint and chert, petrified wood, stone points and stone tools, debitage, Native American pottery sherds, shell, animal, fish, turtle and bird bones, and lots of historic artifacts including ceramic and glass sherds, marbles, buttons, and coins. One of the favorite hands on artifacts is a piece of coprolite – petrified poop!!!!

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HAS gets lots of requests from schools around the Houston area to provide archeology programs. Right now we have a small education team that takes these programs into the schools. If you'd like to join the team, please let me know. Your reward will be the incredible smiles on the kids' faces when their interest in archeology is sparked! Also, if you have any artifacts – either prehistoric or historic - that you would like to donate to our educational “traveling trunk”, email me at lindagorski@cs.com.

Thanks to Sugar Land Highlanders for a terrific morning at your school!

- Linda Gorski

Notes on Munitions
Three Rimfire Cartridge Cases from San Felipe de Austin (41AU2)
By Tom Nuckols

Using grant funding from the Texas Preservation Trust Fund, archaeologist Marianne Marek with lots of volunteer help, conducted several seasons (2002 thru 2006) of archaeological excavations at San Felipe de Austin (Boyd and Burden 2017: 34-35).

Marek's work was conducted on private property in two places, east and south of the San Felipe de Austin State Historic Site. The property east of the Historic Site has since been acquired by the State of Texas, where a new Visitor Center/Museum is being built, with a rumored completion date of April 2018.

During Marek's excavations, 141 munitions artifacts were recovered. Of these, 103 post-date the Colonial occupation (c. 1824-1836) of San Felipe de Austin.

Three of these post-dated artifacts recovered on Town Lot 50, are .22 caliber rimfire Short copper cartridge cases with the impressed headstamps of "D", "EP" and "N". Cartridge cases with these headstamps are not commonly found on historic archaeological sites in the Houston area.

The Three Cartridges Cases

Catalog #: 50-103-1.

Headstamp: "D".

Headstamp interpretation: Dominion Cartridge Company, LTD, Brownsburg, Quebec.

Since Canada had no ammunition production, Arthur L. Howard, a former Winchester Repeating Arms Co. foreman, persuaded the Honorable J.C.C. Abbot, a subsequent Canadian Prime Minister, and Dr. Thomas C. Brainerd, President of the Hamilton Powder Co., to start a new cartridge company, the Dominion Cartridge Company, Ltd. Dominion was Incorporated in May 1886 under the Canada Joint Stock Act of 1877. In October 1886, rimfire cartridge production began. It was not until the 1890s that the impressed "D" headstamp came into general use. In 1910 Canadian Explosives Limited (CIL) purchased Dominion and operated it as a Subsidiary. In 1976, Valcartier Industries Inc. acquired CIL. The purchase included all the equipment at Brownsburg related to the production of sporting ammunition (Barber 1987: 59, 78). In addition to .22 Short cartridges, Dominion manufactured twenty-five different calibers of rimfire ammunition with the cases having the impressed "D" headstamp (Barber 1987: 62).

Catalog #50-30.

Headstamp: "EP".

Headstamp interpretation: Montgomery Ward Incorporated, Chicago, IL.

In the 1930s, Federal Cartridge Corporation of Minneapolis, MN, acquired contracts to supply .22 rimfire ammunition to retailers such as Sears Roebuck & Co., Montgomery Ward, Western Auto Stores, Gambles and a few others. Ammunition supplied to Montgomery Ward was headstamped "EP". This stood for Ward's "Extra Power" brand of ammunition. Federal's contract with Ward ended in the early 1960s (Barber 1987: 80-81, Hogg 1982: 87).

Catalog #50-148.

Headstamp: "N".

Headstamp interpretation: National Cartridge Company, Belleville, IL., or Sears, Roebuck & Company.

In hopes of getting an exclusive contract with Sears, Roebuck & Co., J.B. Warren, S. Rousseau, A.P. Preuss, E. Winans and M. Swope left the employ of Western Cartridge Company and found the National Cartridge Company. The Company was incorporated March 31, 1908 and shortly after, the contract with Sears came to fruition. National began manufacturing millions of rimfire cartridges in caliber .22 Short for Sears. Contract boxes of .22 rimfire Short ammunition sold by Sears had a box labeling of Meridian Firearms Company and the cartridge cases were impressed with either an "M" or an "N" headstamp. Since National's rimfire production

was more than adequate for the Sears contract, it began selling ammunition under its own label with an impressed "N" headstamp. National also manufactured rimfire ammunition in calibers .22 Long and .22 Long rifle with an impressed "N" headstamp. In 1909, Western Cartridge Company purchased National along with the Sears contract. Rimfire ammunition manufactured by Western for Sears was un-headstamped (Barber 1987: 70-71).

REFERENCES

- Barber, John L.
1987 *The Rimfire Cartridge in the United States & Canada, 1857 to 1984*. Armory Publications, Tacoma, WA.
- Boyd, Douglas K. and Damon A. Burden
2017 Below-Ground Large Wooden Barrel Cisterns at Historic Frost Town: Defining a New Cistern Type for Texas. *Bulletin of the Texas Archaeological Society* 88:34-35.
- Hogg, Ian V.
1982 *The Cartridge Guide, The Small Arms Ammunition Identification Manual*. Stackpole Books, Harrisburg, PA.



FRIENDS OF ARCHAEOLOGY

Did you know that there is another organization in Houston that promotes the love of archaeology? Friends of Archeology presents information and experiences regarding the fascinating field of archaeology through lectures, trips, informal monthly dinners and other group activities. For more information about this group check out their website at <http://www.friendsofarchaeology.com/>

FRIENDS OF ARCHAEOLOGY SPRING CALENDAR OF EVENTS 2018

Tuesday March 6th Symposium
March 11th Dinner With Friends
Thursday March 29th Bus Trip
Tuesday April 3rd Symposium
Sunday April 8th Annual Dinner
Sunday April 22nd Joint Lecture With Irish Society
Tuesday May 1st Symposium
Wednesday May 2nd through Friday May 18th Greece/Cyprus Expedition

If you'd like more information about any of these upcoming events contact mgcleenan@gmail.com

First Aid Corner: Ticks! – Liz Coon-Nguyen

Ticks are a potential field hazard that can cause short term discomfort but also long term, more serious illness. They are vectors for transmission of multiple diseases that can be serious and linger long after the bite has healed, including Lyme disease, Rocky Mountain Spotted fever, Ehrlichiosis and tularemia.

The best treatment for tick borne illness is prevention of tick implantation. Long sleeves and pants, as well as gaiters will help avoid tick exposure. Chemical repellents, such as DEET (at least 20%), picaridin, and IR 3535, are effective for several hours when applied to the skin. Clothing can be treated with an application of permethrin which will last through several washings. Avoiding contact with shrub or brush and staying in the middle of trails is recommended but often impossible during survey work.



Adult deer tick, Ixodes scapularis



Example of a Target lesion or "Bull's eye" rash associated with Lyme disease

Regular inspection of the clothing and skin for wandering ticks should be performed every few hours while in the field. Upon return, thorough inspection of the clothing and all skin should be performed so that any ticks can be removed, followed by a bath or shower.

If any imbedded ticks are found, they should be removed with a pair of tweezers and an upward pulling motion. The wound should be washed with soap and water and then monitored until it heals. Any redness, swelling, drainage or rash should be evaluated by a health care professional as soon as possible. Antibiotics can be helpful for

infected wounds as well as early Lyme disease. Rocky Mountain spotted fever can be fatal, so it is important to seek evaluation also for any fevers, chills, achiness or malaise that develops 1-2 weeks after a tick bite.

Sources:

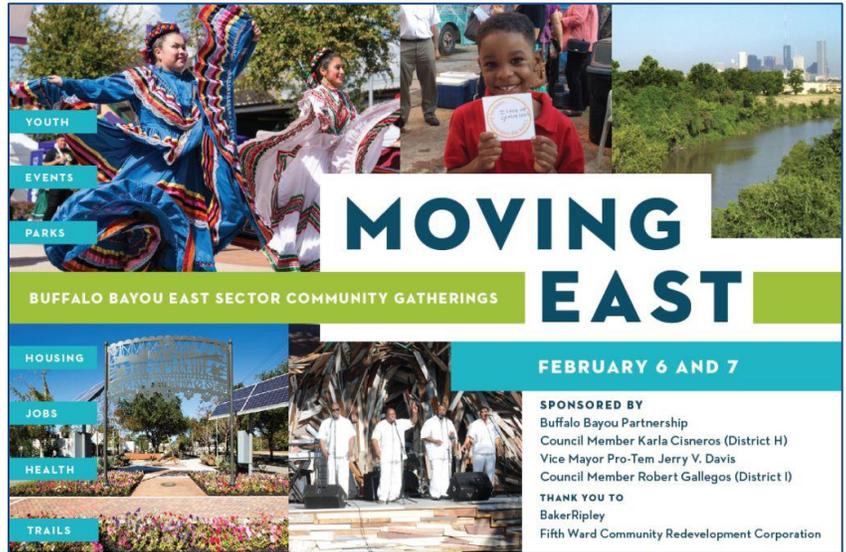
https://www.cdc.gov/ticks/avoid/on_people.html

<https://www.webmd.com/first-aid/ticks-treatment>

https://www.ticktexas.org/diseases/index_diseases.htm

MOVING EAST with The Buffalo Bayou Partnership

Houston Archeological Society board members Louis Aulbach, Larry Golden and Linda Gorski attended a community meeting on February 6, sponsored by the Buffalo Bayou Partnership at the Deluxe Theater on Lyons Avenue in East Houston. Entitled "Moving East", participants were encouraged to provide input to the BBPs plans



to develop hike and bike trails, cultural venues, and open spaces on both sides of Buffalo Bayou between Highway 59 and the Turning Basin. The meeting was well attended with over 130 community leaders and residents voicing their opinions.



HAS Board members were there to encourage organizers to protect and highlight historical and archeological sites along the Bayou in east Houston, including several industrial sites that are of major historical importance. This area is just downstream from the McKee Street Bridge and the important Frost Town site where Houston Archeological Society members have been working with TxDOT and Prewitt and Associates for over a year excavating the earliest German neighborhood in Houston, dating to 1838.

Texas Independence Day

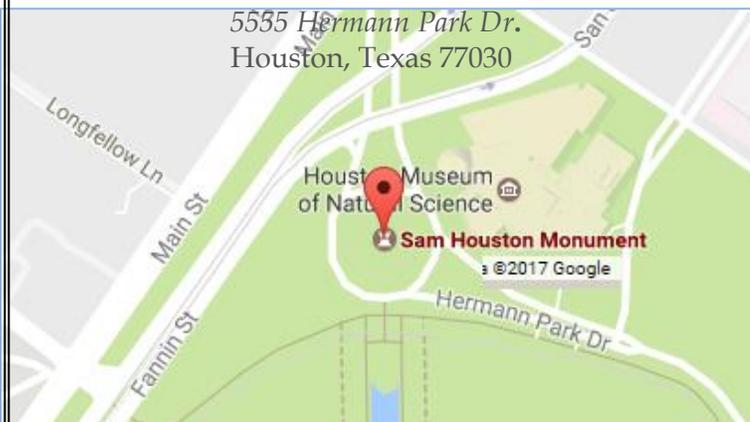
182nd Anniversary Commemoration

Join the San Jacinto Chapter
of the
Sons of the Republic of Texas
To Commemorate the
Independence of the Republic of Texas.

Friday, March 2, 2018

10:30 a.m.

Please, join us as we remember those who made Texas the great place it is today. We will meet at the Sam Houston Monument in Hermann Park, located in Houston's Museum District.



For more information contact Tom Green at 713-340-1965, 2718 N. Larkspur Circle Pearland, TX 77584, or email him at tbgreen3@gmail.com.

Houston Archeological Society
Monthly Meeting Programs for 2018
7:00pm Third Thursday of every month (except June)
Doherty Library, St. Thomas University

Programs for 2018

April 19, 2018 - Steve Davis, “Excavations at San Felipe de Austin State Historic Site: What one Ceramic Sherd can tell us”.

May 17, 2018 - Dr. Gus Costa – “Borderland Bannerstones of Texas”.

June – No Meeting due to TAS Field School

All **Houston Archeological Society** meetings are free of charge and open to the public. For more information about HAS then visited 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/>

Please submit articles for publication to *The Profile* Editor Bob Sewell at newsletter@txhas.org. Submit articles no later than March 25th for the April 2018 issue.

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

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Bob Sewell, Treasurer, treasurer@txhas.org
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Larry Golden, Director-at-Large, dal_c@txhas.org
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TEXAS ARCHEOLOGICAL SOCIETY

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