

WisArch News

The Newsletter of the Wisconsin Archeological Society

Devil's Lake Bird Effigy Mound Centennial Commemoration 1916-2016



Join us Sunday September 11, 2016



April 7, 2016

The Devil's Lake Bird Effigy Mound is located along the southeast shore of the lake near the site of the old Kirk Hotel. The old hotel building encroached on the tip of one wing. The original plat of the mound was made by William H. Canfield of Baraboo in about 1875.

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Wisconsin Archeological Society

www.wiarcheologicalsociety.org

Officers, Chapter Presidents & At Large Advisors 2016

Elected Officers:

President: Kurt Ahira Sampson, kurtsampson68@gmail.com Cell: 414-405-4367 (elected Spring 2012) (term until fall 2016)

President Elect: Seth Schneider, sethas@uwm.edu (term beginning fall 2016)

Secretary: Jake Pfaffenroth, jpfaffenroth@wisc.edu (elected 5/2010, re-elected fall 2013) (Chair of Website and Social Media Committee)

Treasurer: Jake Rieb, wastreasury@gmail.com (elected 5/2010, re-elected fall 2013)

WAS Chapter Presidents & Chapter Vote:

Charles E. Brown Chapter-Madison : Joe Monarski, jmonar@fronteir.com

Kenosha County Chapter-Kenosha Public Museum: Donald Shelton, dgshelton@wi.rr.com

Robert Ritzenthaler Chapter – UW-Oshkosh: Richard Mason, rpmason@milwpc.com

Rock River Chapter-Horicon: Julie Flemming, julieflemming@yahoo.com

Three Rivers Chapter-Beloit: Sara Pfannkuche, spfannkuche@hotmail.com

UW-La Crosse: Spencer Kawell, kawell.spen@uwlax.edu

Committee Chairs:

Nominations and Elections Committee: John Broihahn, john.broihahn@wisconsinhistory.org

Programs Committee: Rachel McTavish, mctavis2@uwm.edu and Jennifer Lauren

Picard, jlpicard@uwm.edu

Education and Outreach Committee: Jeremy Cobble, jcobble@gmail.com

Preservation of Sites Committee: Rob Nurre, rob.nurre@gmail.com

Stores and Merchandise: Kurt Sampson, kurtsampson68@gmail.com

WAS Awards and Grants Committee: Heather Walder, hwalders@wisc.edu

Editorial/Journal Committee: Kent Dickerson, kent.dickerson@wisconsinhistory.org

Editorial Staff The Wisconsin Archeologist (journal)

Constance M. Arzigian carzigian@uwlax.edu

Katherine P. Stevenson, kstevenson@uwlax.edu

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Newsletter Editor

Norm Meinholz, norman.meinholz@wisconsinhistory.org



Message from the President, Wisconsin Archeological Society

Dear Wisconsin Archeological Society Board of Directors, At-Large Directors, Chapter Presidents, and members,



This spring marks the 113th year in our history of the Wisconsin Archeological Society's mission to advance Wisconsin archaeology. We have come a long way as a society in those 113 years; and if you have ever taken the time to read all the back issues of the journal and learn the history of the society, you would understand why we are still one of the premiere archaeological societies in the country. As many of us are well into our archaeological field seasons I would only ask that you take a moment to reflect on what that means for all of us. We have made great strides in our mission to further Wisconsin archaeological knowledge as a whole, and new technologies today are now allowing us to make significant strides in site identification and preservation. Our journal, *The Wisconsin Archeologist* continues to be one of the oldest continuously published scientific journals in the nation. The editorial staff has done a fantastic job of keeping the journal on a reasonable publication schedule these past several years, and the quality of the journal has never been better. I would like to thank the entire editorial committee staff of Kent, Connie, Vicki, and Kathy for all their hard work.

This fall will mark the end of my tenure as President of the society. It has been a wonderful 6 years and it has been my honor to serve the society. I'm truly thankful to all of you that have worked closely with me to help us reach many of our goals during this time. This early fall we will welcome in President Elect Seth Schneider as new society president. I have already been working with Seth to make this as smooth a transition as possible. We have had important discussions related to the future direction of the society, and Seth will also bring a wealth of energy, ideas, and knowledge to the table to benefit the society.

I would like to personally thank society treasurer Jake Rieb, as well as society secretary Jake Pfaffenroth for working closely with me over these past 6 years to make sure the society was well represented and accountable to our board and membership. These two men are really the true backbone of the society and they have done an outstanding job. I will be forever grateful to them both. We will also be losing Jake Pfaffenroth as our secretary this spring as he graduates from UW-Madison and moves on with his career to different pastures. We all wish him the best in his future endeavors in his anthropology career.

Recently the WAS board has had important discussions about the future direction of many aspects of the society which include: membership retention, by-laws revisions, WAS chapter relations, society funding for journal publication, various project needs, and committee resources. Seth, the At-Large Directors, Committee Heads, and interested parties are already working on plans in some of these mentioned areas that will be brought forth to the society as a whole in the coming two years.

We have also recently hired Monette Bebow-Reinhard to head up the WAS Membership Committee, which has already helped to increase our membership numbers; and as I step down as President, I have begun to assume the role of the Chair of the reestablished Marketing and Fundraising Committee for the society once again. We have created a few new merchandise items such as T-shirts, hats, tote bags, and bumper stickers that are for sale to the society which can be made to order through me and the website. I

hope to increase the funding for the society wherever the board feels it is needed. We have sold several merchandise items already and I am always looking for neat new marketing designs. If anyone has any suggestions, please contact me with your ideas.

The WAS Spring 2016 Meeting will be held at Lake Emily County Park on Saturday May 21st. This event is being planned by Jaremy Cobble, Chair of the Education and Outreach Committee as well as by Dr. Ray Reser of UW-Stevens Point's Museum of Natural History and by the staff of the Wisconsin Historical Society including State Archaeologist John Broihahn and Dr. Amy Rosebrough. Complete details will be provided inside this newsletter, and on our Facebook and society website. At this important spring meeting it will be the society's honor to present the Increase A. Lapham Medal for distinguished research contributions to Wisconsin archaeology to Dan Wendt.

This coming early autumn on September 11, 2016 the society will honor the centennial commemoration of the placing of the society plaque on the bird effigy mound at Devils Lake State Park. This celebration of the ancient mound and the peoples who built them will be in conjunction with the Sauk County Historical Society and the Ho Chunk Nation. There will be more specific details forthcoming soon. I hope to see you all there.

Respectfully Submitted,
Kurt A. Sampson MS RPA
President – Wisconsin Archeological Society



WISCONSIN ARCHEOLOGICAL SOCIETY CHAPTER INFORMATION

Charles E. Brown Archaeological Society

The Charles E. Brown Chapter meets monthly (except the summer months) at 7pm on the second Thursday of each month, at the Wisconsin Historical Society Auditorium, 816 State Street in Madison, across from the Union, unless otherwise noted. Contact Joe Monarski at jrmonar@frontier.com.

Kenosha County Archaeological Society

The Kenosha County Archaeological Society meets on the second Saturday of the months of October, December, February and April at 1:30 pm at the Kenosha Public Museum, 550 First Ave., Kenosha, Wisconsin. Contact Donald Shelton at dgshelton@wi.rr.com. Information on events at the Kenosha Public Museum can be found at www.kenosha.org/museum/.

Milwaukee Meetings of the Wisconsin Archeological Society

Milwaukee meetings of the Wisconsin Archeological Society are held at the UW-Milwaukee Campus in either Sabin Hall or in the Union. Meetings are held on the third Monday of the month during the academic year (September through May). Guest lectures begin at 8:00 pm. Contact Rachel McTavish at mctavis2@uwm.edu.

Mississippi Valley Archaeology Center (MVAC)

Since 1982, the Mississippi Valley Archaeology Center (MVAC) at the University of Wisconsin-La Crosse (UW-L) has been involved in researching, preserving and teaching about the archaeological resources of the Upper Mississippi River region. Information on MVAC events can be found online at <http://mvac.uwlax.edu/events-displays>.

Robert Ritzenthaler Chapter

The Robert Ritzenthaler Chapter meets on the second Tuesday of the month, at 7:00 pm, September through May. Meetings are held at Room 202, Harrington Hall, on the University of Wisconsin-Oshkosh Campus. Contact Richard Mason at rpmason@milwpc.com.

Rock River Archeological Society

Monthly meetings of the Rock River Archeological Society are held on the third Wednesday of the month, from September through April, at 7:00 pm, at the Visitor's Center, Horicon National Wildlife Refuge. This facility is accessible via Highway 28 between Mayville and Horicon. The Rock River Chapter invites you to visit their weblog at <http://rockriverarch.blogspot.com>. Contact Julie Flemming at julieflemming@yahoo.com.

Three Rivers Archaeological Society

The Three Rivers Archaeological Society meets on the second Monday of every month (except July and August), alternating between the Macktown Living History Education Center (Rockton, IL) and venues in Beloit, Wisconsin at Beloit College and the Beloit Public Library. New members and visitors are always welcome. Contact Sara Pfannkuche at sara@pfannkuche.com or by mail at 436 W. Lincoln Ave., Belvidere, IL 61008.

Chapter Programs around Wisconsin

Charles E. Brown Chapter

Archaeology Month, events in planning.
Information forthcoming
May 2016



Mississippi Valley Archaeology Center (MVAC)

Mary Anna Evans
“Digging Up the Facts: Archaeology, Crime
Fiction, and Science”
April 26, 2016
7 pm, Graff Main Hall Auditorium, UWL

Volunteer Field Survey Opportunity for MVAC
Members

April 30 (rain date: May 7)
8:30 AM- 4 PM
Archaeology Center and Lab, UWL

MVAC Summer Events
July 18-22 Public Field School

Milwaukee Area WAS- UW Milwaukee

Anthropology Colloquium:
John Terrell, curator at the Integrative Research
Center, Field Museum of Natural History will
present “The Network Science Revolution”
April 29: 3:30 pm
Sabin Hall RoomG28

Robert Ritzenthaler Chapter

John Broihahn-State Archaeologist, Wisconsin
Historical Society
“The Clam Lake Mound.”
May 10, 2016

Dr. Jeffrey Behm-UW Oshkosh
Building a dugout canoe for the Oshkosh Public
Museum.
September 13, 2016 (date tentative)

Jordan Karsten,, UW-Oshkosh
Update on the continuing excavation of Verteba
Cave, an Early Neolithic burial site in western
Ukraine.
October 11, 2016

Rock River Archeological Society

Raymond Glazner
“The Fur Trade (1600-1840)”
April 20, 2016

Archaeological Site Tour
May 2016 (date and details to be announced)

Three Rivers Archaeological Society

Topic to be announced
May 9, 2016

Katherine Miller-Sterner, Ph.D. Candidate,
Anthropology Department, UW-Milwaukee
“Form, Function, and Lithic Economy: The Role of
Stone Tool Use Among Early Agriculturalists of the
Upper Midwestern United States.”

June 13, 2016, 7pm, Macktown Living History and
Education Center, Rockton, Illinois



WISCONSIN ARCHEOLOGICAL SOCIETY

2016 SPRING MEETING & FIELD ASSEMBLY

DATE: MAY 21, 2016 & TIME: 10 AM TO 3 PM

PLACE: LAKE EMILY COUNTY PARK

3968 PARK DRIVE, AMHERST JUNCTION, WI

EVENTS PLANNED:

PARK MOUND TOURS LEAD BY PROFESSIONAL ARCHAEOLOGISTS FROM THE
WISCONSIN HISTORICAL SOCIETY AND WAS

MOUND SITE TOUR TIMES: 11:30 AM & 1:00 PM (ALL AGES)

LOCAL ARTIFACT IDENTIFICATION WITH

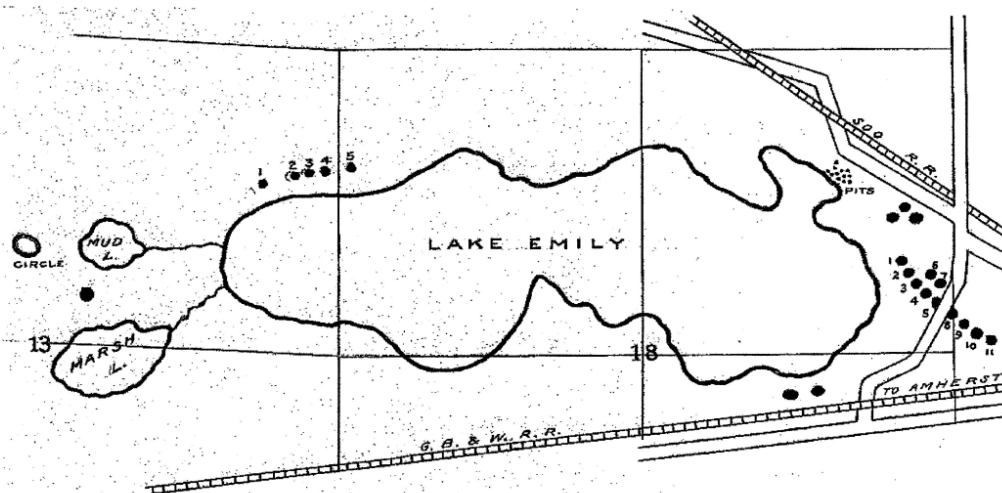
ARCHAEOLOGIST DR. RAY RESER PHD. RPA OF

UW-STEVENS POINT - MUSEUM OF NATURAL HISTORY

ARCHAEOLOGY GAMES AND FLINT KNAPPING DEMONSTRATION

ARCHAEOLOGY GAME TIMES: 11:00 AM & 2:00 PM

APPROPRIATE FOR AGES 3RD THROUGH 6TH GRADE



THE SPIRIT OF PLACE

The Early Woodland Mound Builders of Cedarburg



**A special exhibit of Cedarburg's 1st
Prehistoric Native American
Mound Builders**

The Hilgen Spring Mound Site - 480 B.C.

&

The 1968 Howard Van Lengen Archaeological Excavations

By Kurt Sampson, Drew Hayes, Stephanie Hayes & Sarah Smith

MAY 21 - June 12, 2016

Effigy Mounds Initiative

By Kurt Sampson

As many of you know I manage the Effigy Mounds Initiative (Group Facebook Page). This Facebook page was started out of fun and my general love for all things mounds; and has quickly gained an audience of about 1800 concerned, and like-minded people, many of them Native American, and in particular the Ho Chunk Nation. This Facebook page was meant to be about "all things mounds". (Please read the group page description if you are on Facebook and interested.)

When the threat to the mounds and to the Wisconsin Burial Sites Act 157.70 first surfaced late last fall of 2015, and going into the Wisconsin State Legislative hearings and sessions in early January 2016 with AB 620 and AB 128, this Facebook page quickly became a rallying point for the planned mounds rally at the capital and our efforts to spread the word to defeat these awful bills.

I have been working for the Ho Chunk Nation doing contract CRM work for the past couple of years and have worked hard to gain their trust and respect through these efforts.

In so doing and in the course of helping the Tribe to prepare for the rally this past January, Ken Lewis who is Ho Chunk and a graphic artist came up with a handful of "Save the Mounds" logo designs to use for a media blitz. The Ho Chunk Nation then spent about \$75,000 dollars based in part on a proposal and recommendation by myself and a few others to combat these bills in the media.

This State of Wisconsin mounds logo was not one of the initial logos chosen by the tribe to use at the rally, but was placed on one banner at the rally, and quickly became one of the most popular designs. People asked how they could get this logo on merchandise to help spread the word and "Save the mounds".

The Effigy Mounds Initiative Facebook group page has thus been transformed with the blessing of the Ho Chunk into the Effigy Mounds Initiative Foundation.

The goal of this non-profit foundation is to raise money for mound site preservation, protection, and care; as well as landowner education and public education about these important cultural resources.

With the blessing of Ken Lewis and the Tribe we are offering these items for sale to raise funds for the activities mentioned above.

Bumper stickers are \$8.00, plus \$3.00 for shipping and handling. (Blue or Green)

T-shirts are \$25.00, plus \$10.00 for shipping and handling.

Tote bags are \$20.00, plus \$10.00 for shipping and handling.

The effigy Mounds Initiative Foundation as of today has raised about \$400.00 with more orders coming in daily.

If you would like to support this cause please send an order and money to me at
2377 N. 71 Street Wauwatosa WI 53213

The merchandise is being produced by Aztalan Screen Printing and Embroidery of Lake Mills, WI. I have worked with business owner Lynn Zastrow for 20 years to help produce items for the Friends of Aztalan State Park and the Wisconsin Archeological Society. These are high quality items being offered at a great price. Please remember all additional proceeds will go to the foundation. I'm in the process of setting the foundation up as a 501c3.

Once an order and money is physically received I will process the order ASAP.

All money collected will be placed into a savings account. This spring beginning in April EMIF will solicit proposals from various groups and interested parties who are conducting meaningful work on mound sites in this state as related in the goals of the foundation. These interested parties will be given a grant to propagate their mound site cause.

Please consider a donation with the purchase of one of these great items, and help a great cause.

Sincerely Yours,

Kurt A. Sampson MS RPA

President - Wisconsin Archeological Society
Principle Archaeologist - Gathering Waters Archaeology, LLC
Director and curator of Museum-Dodge County Historical Society
Board-Friends of Aztalan State Park





Dan Wendt Awarded 2016 Lapham Research Metal

Dr. Heather Walder, Chair of the WAS Awards Committee announces that the committee by unanimous vote will award the 2016 Lapham Research Medal to Mr. Dan Wendt, for his contributions to our total knowledge of archaeology in Wisconsin. Wendt's nomination packet was prepared by Mr. Robert "Ernie" Boszhardt, who emphasizes Dan's lifelong record of high-quality avocational work informed by his professional training in chemical engineering. Boszhardt summarizes, "Most of that work has been undertaken in Wisconsin as demonstrated by his having reported an astounding 651 archaeological sites for 21 counties in this state. He has authored 34 technical reports and 11 publications, many in *The Wisconsin Archeologist*. In retirement from his chemistry profession, he continues to mentor professionals, other avocational, and advise students. He serves on archaeological boards, helps organize regional biennial lithic workshop conferences, reviews manuscripts for *The Wisconsin Archeologist*, and more." Mr. Wendt has graciously accepted the nomination, and WAS President Kurt Sampson will formally present the Lapham Medal at the upcoming spring meeting.

The Wisconsin Archeological Society Awards Committee is pleased to invite applications from avocational archaeologists and archaeology students for the 2016 WASRA grants. The Society Board has allocated \$500 for this program in Fiscal Year 2016. In accordance with the guidelines as posted on the Society web site at <http://wiarcheologicalsociety.org/wasra> individual awards will not exceed \$500 and may be less.

The guidelines detail eligibility criteria; the application process; and establish that complete packages must be submitted in digital format (pdf preferred) to hwald@wisc.edu by [March 15](#) of this year. The Committee will evaluate all proposals and announce award decisions at the Spring Society meeting ([May 21st](#), 2016, Amherst Junction, WI). The guidelines also list obligations of those receiving awards.

For an example of award-winning research, please see this update from 2015 WASRA Winner, Jake Pfaffenroth of UW-Madison:

<http://wiarcheologicalsociety.org/pfaffenroth-wasra>

Please do not hesitate to contact Heather Walder (hwald@wisc.edu) with any questions regarding this year's WASRA competition.

Sincerely,
Heather Walder, Ph.D.
Chair, Awards Committee.

In 1907, the Sauk County Historical Society, the Wisconsin Archeological Society, and the General Federation of Women's Clubs of Wisconsin purchased the 1000 year old Greenfield Man Mound to preserve it. Today, it is the only remaining mound of its type in the world.



Image Courtesy of Ethan Brodsky

If you have news, information about upcoming programs, events, or other interesting short notes you'd like to see in the newsletter, please contact *WisArch News* editor, Norm Meinholz via email at norman.meinholz@wisconsinhistory.org. The newsletter is published semi-annually in the spring and autumn each year. Text should be submitted in Microsoft Word format and images as JPEG's.

Regional Research

Copper Corner,

submitted by Monette Bebow-Reinhard

According to Wittry's typology (*Wisconsin Archeologist* 32 #1, 1951), there were two types of beads, X-a and X-b. With this research on the copper artifact master database (CAMD) I've come to realize that his typology is incomplete, but Wittry did a great job at setting a guide for us to follow. Recently, thanks to Dr. Constance Arzigian, University of Wisconsin-LaCrosse, I got my hands on an archaeology college undergrad's paper, written by Ann Lewis (2003) that more completely describes seven types of beads. Since reading it, I've been able to break the CAMD bead data into better type categories. These are X-A: barrel; X-B: tubular; X-C: cone (what I've been calling tinkling cones); X-D: rolled; X-E: ring (thin, twisted); X-F: round (rare); X-G: long tubular hair tubes. Lewis also included a category of flat tubular beads, but I sense that this is not so much a category as something that happens to beads during the weight of the centuries. I'd welcome any and all feedback. Contact me at moberein@yahoo.com; also if you're interested in becoming a free subscriber to my copper research newsletter (in its 6th year), Copper Artifacts of the Americas (CAA, formerly ACN).



Photo from Frontispiece, *Wisconsin Archeologist* Vol. 3 No. 3, "The Native Copper Ornaments of Wisconsin," by Charles E Brown. Beads are all barrel, type X-A, and were found in Milwaukee County, outside of Milwaukee, part of H.P. Hamilton Collection. They were found at a village site, and, according to Brown's article, the larger beads have some kind of ornamented indentations, similar to hash marks we've seen on points and knives. This certainly deserves a closer look.

Origins of the Charles E. Brown Chapter

Submitted by John Broihahn

The organizational meeting for what became the Charles E. Brown Chapter of the Wisconsin Archeological Society was held on Saturday, November 8, 1952. This was one day after Dwight D. Eisenhower was elected president and in the same year that the United States exploded the first hydrogen bomb, and West Germany was reported to have 8 million refugees within its borders. While the location of this initial meeting is unknown, the first chapter meeting was held one month later (December 8, a Monday) at the State Historical Society's Museum at the headquarters building at 816 State Street.

Mr. T. F. Kouba was elected President, John W. Jenkins, Treasurer, and Mrs. Charles E. Brown-Mr. Brown's second, and yes younger, wife-served as Secretary. Mr. Jenkins and Warren Wittry served as the Membership Committee and professors David A. Baerreis, John T. Curtis, and Arthur W. Quan were members of the Program Committee.

The Brown Chapter had its own dues. Students were encouraged to attend the monthly meetings, but were not pressed to pay Society membership, but simply chapter dues. A situation that is similar to today. Meeting attendance varied between 25 to 30 people. Membership stood at 26.

In 1953, membership had climbed to 41. Mrs. Charles E. Brown continued as Secretary. Arthur W. Quan had been elected president and Warren Wittry served as Treasurer.

Charter members of the Chapter in 1952 were as follows:

Frank A. Achen
David A. Baerreis
Sherman Berg
Mrs. C. E. Brown
John T. Curtis
Hiroshi Daiuku
Jon Doerflinger
Dr. H. H. Granger
Lorenz Heim
John W. Jenkins
Sheldon Judson
T. F. Kouba
Richard O. Keslin
Heinz E. Meyer
Gladys Michel
David Mack
Robert Nero
Arthur W. Quan
Michael Rohr
J.D. Sauer \\\nGwen Schultz
Dr. Lindley V. Sperrague
Warren L. Wittry
Harold F. Williams
Dr. George J. Maloof
Walter E. Scott

The program for 1952 is listed below.

December: David Mack, "How the Indians Made Their Copper Implements."

January: Richard O. Keslin, "The Archeology of the Missouri River Basin."

February: David A. Baerreis, "Wisconsin Archeology- Methods and Results."

March: Sheldon Judson, "Geological Background of Wisconsin's Prehistory."

April: John T. Curtis, "Botanical Background of Wisconsin Archeology."

May: Warren Wittry, "New Light on the Old Copper Complex".

June: Robert Ritzenthaler, lecture and moving pictures, "The Wisconsin Indian Today."

The chapter continued to offer speakers on Monday nights in 1953 and a report in the Wisconsin Archeologist noted that on average 28 members and guests were present.

The speaks and topics for 1953 were:

October: Dr. Hiroshi Daifuku, "The Reigh Site."

November: The evening consisted of two presentations. First, three veteran collectors told how they got started in their hobbies: T. F. Kouba, A.W.Quan, F.A.Achen.

Second, Robert Hall spoke about the collections of the Wisconsin Historical Society and the work of Charles E. Brown.

December: G. Ellis Burcaw lectured on his archaeological experiences in Arabia and France.

January: Dr. Jonathan Sauer, "Indian Crop Plants."

February: Dr. William Godfrey, *The Vikings in America.*”

March: “The Presence of Our Past.” A film produced by the State Historical Society was shown

April: Dr. Lindley Sprague, “Indian Medicine and Cures.”

May: The chapter was host for the annual dinner and convention of the state society (see *Wis Arch* n.s. 35:56-57).

The chapter met on Mondays to avoid conflicting with the state meetings. The Brown Chapter continued to meet at the headquarters building, although the rooms have changed over the years.

Currently we meet the second Thursday of each month, September–April at the Wisconsin Historical Society Headquarters building.

Derived from the *Wisconsin Archeologist* 34(3):175-176; 35(4):82.

A Program of Brush and Tree Removal at Aztalan State Park Provides New Perspectives to the Landscape

Submitted by Daniel Seurer

If you have not visited Aztalan State Park recently, you definitely owe it to yourself to see some of the exciting changes that are occurring there.

Under the direction of Wisconsin Department of Natural Resources archeologist, Mark Dudzik, a comprehensive program of undergrowth and tree removal has created

perspectives of the park that haven't been seen since the 1950's.

Several years ago, tree and brush removal operations along the Crawfish River has opened up the view of the riverbank area within the stockade area and north of the stockade area. A prairie restoration program has been initiated in portions of the cleared area.

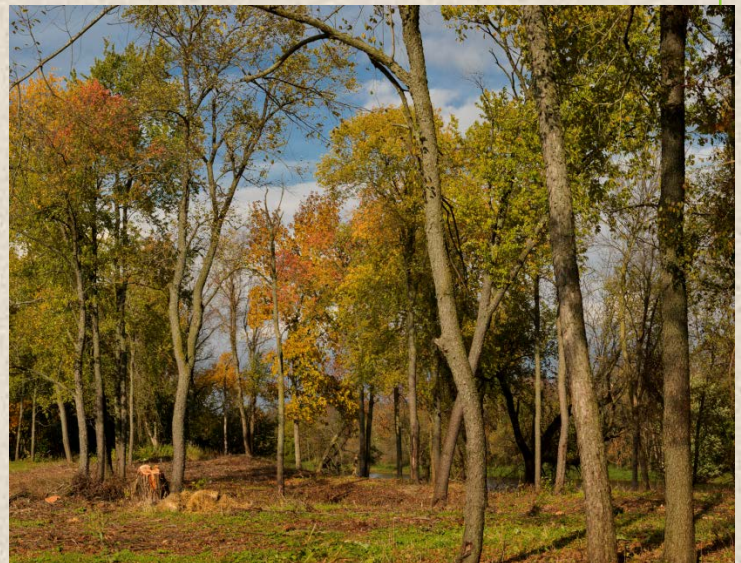


Figure 1. Woods Clearing in Progress, March 2016.

In the winter of 2015-2016 the woodlot in the northeast corner of the stockaded area has been cleared of most trees in an effort to create a more savannah-like space. The area cleared is where the largest Mississippian residential area was located. The removal of many large dead and dying trees will likely save some of the archeological features from disturbance due to tree falls. This brush and tree clearing has also made the entire area within the stockade visible from any of the platform mounds and the mounds along the ridge to the west of the main village.



Figure 2. Cleaning up the Crawfish River front at Aztalan, Fall 2014.

Finally, the old kiosk on the southeast mound (formerly known as the gravel knoll, the area excavated by Dr. Lynne Goldstein in 2013) was removed. Lightning struck the kiosk during a summer thunderstorm, rendering the structure unsafe. The removal of the kiosk and concrete pad has removed an unsightly modern feature of the park.



Figure 3. View of “Gravel Knoll” from Southwest Mound.

If you plan on visiting Aztalan State Park this summer, please do not forget to visit the temporary visitors center operated by the Friends of Aztalan. Guided tours of the site are conducted every Sunday during the summer months. For more information check out the Friends of Aztalan website at: www.aztalanfriends.org



Figure 4. View Across Aztalan, Looking North from Top of Southwest Mound.

News and Notes on Wisconsin Archaeology

The Domestication of Corn: The Genetic Evidence

A study published in the July 2015 issue of *Genetics* reports what study leader John Doebley of the University of Wisconsin-Madison Laboratory of Genetics explains “humans completely reshaped the ancestor of corn, effectively turning the cob inside out”. The intentional planting of wild grass teosinte in Mexico 9,000 years ago led to the development of naked kernels which resulted today in corn kernels attached to the cob and not trapped inside a tough inedible casing. The study illustrates how plant selection by these ancient plant breeders triggered profound changes in the ancestor of corn that led to the modern plant we know today. The article “Evidence That the Origin of Naked Kernels During Maize Domestication Was Caused by a Single Amino Acid Substitution in *tga1*” was coauthored by Huai Wang, Anthony J. Studer, Qiong Zhao and Robert Meeley.



New Book on Four Lakes Underwater History and Divers Guide Published

Our Four Lakes: Their Legends Sites and Secrets chronicles the history of the waterways in Dane County, Wisconsin from prehistoric times, through early settlement to the modern era. It describes the industry and commerce that relied on the lakes and rivers, including ice

harvesting and steamboat transportation.

This third edition includes over 40 historical photos, new stories and underwater images. A guide for scuba divers, this book contains maps and descriptions of 40 dive sites on all Four Lakes of the Yahara chain.

The authors are Tom Villand, Rick Krueger, Danny Aerts and Tamara Thompson. It is published by the Wisconsin Underwater Archeology Association.



Rally to Save the Mounds Draws Hundreds to the Madison Capitol

On a bitter cold January 12, 2016, a rally was held at the Capitol in Madison in response to a proposed bill that would have resulted in reduced protection for sacred burial mounds in the state. Hundreds of Native American tribal members and supporters braved the low wind chills on a sunny, breezy day to express their opposition to the bill which would require the Wisconsin Historical Society to determine the presence of human remains before cataloging a burial site on private land and would allow the owners of the mounds to use

ground-penetrating radar, other remote sensing techniques or excavation to make this determination. The bill is in response to legal battles brought by Wingra Stone Company concerning a mound group on their property where the owners would like to expand their operations.

Tribal members from across the state, including the Ho-Chunk, Menominee and Ojibwe, gathered in Madison for the rally. This legislation would essentially defeat the purpose of mound protection and subject the mounds to unnecessary disturbance for monetary gains. Following the rally the legislature announced that the bill would not be voted on in the current session. Rally supporters need to be vigil on this issue as it will clearly be reevaluated by the bill supporters in the future.



Spring Meeting and Field Assembly Wisconsin Archeological Society

The spring 2016 meeting of the Wisconsin Archeological Society will be held on Saturday, May 21 at Lake Emily County Park, 3968 Park Drive, Amherst Junction, Wisconsin. The meeting will begin at 10:00 AM and last until 3 PM.

Tours of the park mounds will be led by professional archaeologists from the Wisconsin Historical Society

and the Wisconsin Archeological Society at 11:30 AM and 1:00 PM (all ages). Dr. Ray Reser of UW-Stevens Point's Museum of Natural History will identify artifacts that are brought by any interested collectors from the local area. Archaeology games will be played at 11:00 AM and 2:00 PM (ages 3rd through 6th grade) and flint knapping demonstrations will also take place.

This is sure to be a great event so remember the date and join us at Lake Emily County Park.

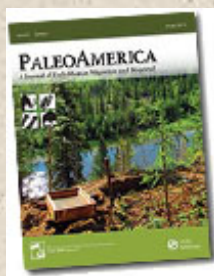
Mobility of Paleoindians in Eastern Wisconsin, Article Published

An article titled "Paleoindian Colonization of the Recently Deglaciated Great Lakes: Mobility and Technological Organization in Eastern Wisconsin has been published in the journal *PaleoAmerica* in 2015 (Vol. 1, No. 3), by John M. Lambert and Thomas J. Loebel. The research was supported by a Wisconsin Archeological Society Research Award. To evaluate how hunter-gatherer populations used mobility to adapt to the deglaciated landscape the authors use data generated from assemblages of stone tools collected by avocational archeologist in Calumet, Manitowoc, Fond du Lac and Sheboygan Counties in east-central Wisconsin.

A total of 54 components of chipped-stone tools representing both Early Paleoindian (Clovis/Gailey, Folsom/Midland) and Late Paleoindian (Agate Basin, Hell Gap, Dalton, Alberta, Cody) were employed in the analysis. Findings suggest to the authors that early Paleoindians were highly mobile and utilized raw materials which imply a pattern of north/south seasonal movement between east-central Wisconsin and

west-central Illinois. While Late Paleoindians were also highly mobile, patterns of seasonal movement implies east/west movement between Hixton orthoquartzite sources in Western Wisconsin and local lithic sources in east-central Wisconsin.

This study confirms the usefulness of using well provenienced collections by avocational archaeologist in collaborative studies.



Cahokia's Emergence and Decline linked to Flooding, Article Suggests

An article published in the May 19, 2015 issue of the *Proceedings of the National Academy of Science* links the timing of major flood events to the settlement and depopulation of Cahokia, the largest Native American population center north of Mexico. Located in the floodplain of the central Mississippi River near the modern city of Saint Louis, Cahokia by A.D. 1050 had emerged as a major regional cultural and political center with a population of over 10,000 inhabitants. The timing of floods was reconstructed from sediment cores obtained from two floodplain lakes and radiocarbon dates. Large flood events were dated between A.D. 300 and A.D. 600 and between A.D. 1200 and A.D. 1850. More arid conditions are evident between A.D. 600 and A.D. 1200.

Initial Late Woodland settlement was concentrated on higher elevation

alluvial fans and terraces during the later part of the initial flood event. Expansion and intensification of settlement to lower elevation floodplain ridges occurred during the absence of floods between A.D. 600 and A.D. 1200. The return of large flood events after A.D. 1200 corresponds to the demise of Cahokia and eventual abandonment of the area. The authors include Samuel E. Munoz, Kristine E. Gruley, Ashtin Massie, David Fike, Sissel Schroeder and John W. Williams.



Expansion of Guest House Uncovers Forgotten Cemetery

Expansion of the Guest House in the summer of 2015 in Milwaukee uncovered human remains during excavation that was part of a long lost cemetery. The Guest House is the largest publicly-funded homeless shelter in the city. Research determined the site is the location of a cemetery established by John Grunhagen in the 1850s. The University of Wisconsin-Milwaukee Cultural Resource Management program was hired to record and excavate the remains. Analysis will continue at the Anthropology Department. The final resting place for these individuals will be determined following the analysis and a report to the Wis Historical Society.



The Unveiling of the Bronze Marker at the Devils Lake Bird Effigy Mound

From: Archaeological Notes, The Wisconsin Archeologist Vol. 15, No. 3, October 1916

On September 4, Labor Day, a joint meeting of the Madison members of the Wisconsin Archeological Society and the Sauk County Historical Society was held at Devils Lake State Park. On this occasion a fine bronze marker, the gift of Vice-president H. E. Cole of Baraboo, was unveiled on the large bird effigy mound located at Kirkland on the southeastern shore of the lake. Mr. William Dawson of Madison delivered the unveiling address which was of a most interesting character. The tablet was unveiled by Miss Izero Virginia English of Baraboo, who recited an appropriate poem when removing the flag with which it was covered. Mr. F. B. Moody of Madison, a member of the State Conservation Commission, accepted the marker in behalf of the state.



Bird Effigy Mound along the Southeastern Shore of Devil's Lake, April 17, 2016

Other speakers were Mr. Cole, Dr. Milo Quaife, superintendent of the State Historical Society, Mrs. G. W. Dexheimer of Fort Atkinson, Rev. Mr. Stanley E. Lathrop and Secretary Brown. Mr. Brown and Mrs. Dexheimer appealed to the members of the societies represented at the meeting to assist in urging the purchase by that city of the interesting intaglio mound located at Fort Atkinson. An illustrated leaflet, printed by Mr. Cole, descriptive of the geology history and archaeology of the Devils Lake region was distributed among those present at the meeting.

About one hundred persons were in attendance, among whom were in addition to the speakers: Prof. A. S. Flint, Mrs. Jessie R. Skinner, Mr. and Mrs. W. P. Morgan, Mrs. E. C. Wiswall, Mrs. B. H. Dengel, Mr. J. R. Heddle, Mr. and Mrs. Rufus B. Smith, Mrs. C. W. Bird, Mr. O. D. Brandenburg, Prof. and Mrs. S. H. Goodnight, Prof. and Mrs. F. D. Crawshaw and Mr. and Mrs. O. C. Gillett, of Madison; Misses Emma and Grace Richmond, Lodi; Miss Minna M. Kunkell, of Milwaukee; Mr. G. W. Dexheimer, Fort Atkinson; Mr. and Mrs L. Wright and Mrs. N. H. Winchester, Reedsburg; Mr. and Mrs. John Fabry, North Freedom, Mr. and Mrs. L. H. Palmer, Mr. V. S. Pease and many others from Baraboo.



The bird effigy which the societies have marked is a fine specimen of its class, with bent wings and a forked tail. A plat of it was made by the pioneer antiquarian, William H. Canfield of Baraboo, in about the year 1875. The length of its body is about 115 feet and its wingspread about 240 feet. A portion of the tip of one wing was destroyed when the hotel at Kirkland was erected some years ago.

As this mound is visited each year by thousands of persons its marking has long been desired. Mr. Cole is deserving of the thanks of all members of both societies for his great generosity in providing this fine marker, which is mounted on a concrete base.



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Back Dirt: 100 Years Ago in the *Wisconsin Archeologist*

Editor's Note : George R. Fox wrote or coauthored 14 articles for the *Wisconsin Archeologist* between 1911 and 1959 during his distinguished life of 83 years. He was born in Peabody, Kansas in 1880 and died in Kalamazoo, Michigan in 1963. His first contribution summarized the copper extraction and processing by Native Americans on Isle Royale. Between 1911-1913 he conducted the survey that resulted in the 1916 monograph. He worked for the post office several years but his continued interest in archaeology led him to an interesting life that included curator at the Chamberlain Museum in Three Oaks, Michigan; the Nebraska Historical Museum; operating a boys camp in Ontario; work for the city of Dowagiac, Michigan and the founding of a local historical society. Besides his work on the State Survey Committee of the Wisconsin Archeological Society he was also active in the Michigan Archaeological Society and Central States Branch of the American Anthropological Association. In 1926 the Wisconsin Archeological Society awarded him the Lapham Medal for "distinguished service in anthropological research"

The Archaeological Notes from the Volume 15 Number 3 issue of the *Wisconsin Archeologist* details the unveiling of the bronze marker at the location of the large bird effigy mound on the southeastern shore of Devil's Lake. A commemoration of this event will take place on Sunday September 11, 2016.

THE WISCONSIN ARCHEOLOGIST

Quarterly Bulletin Published by the Wisconsin Archeological Society

Vol. 15 MADISON, WIS., MARCH, 1916 No. 1

OUTAGAMIE COUNTY ANTIQUITIES

George R. Fox

PHYSIOGRAPHY

Outagamie county, embracing an area twenty-four miles from north to south and twenty-seven miles from east to west, lies on the plain scooped out by the Green Bay glacier. Largely flat land or rolling prairie, the only elevations are the Mosquito hills near New London, the scattered sand dunes, either morainic or swept up by the floods that followed the melting of the ice, and the limestone ledge which cuts across the county.

This ledge has more to do with determining the topography of Outagamie, than any other cause. Starting a little to the east of the center of the north boundary line, it runs a little west of south until the township of Center is reached; it then makes an abrupt turn and runs west until between Hortonville and New London, where it again turns to the south leaving the county near its southwest corner.

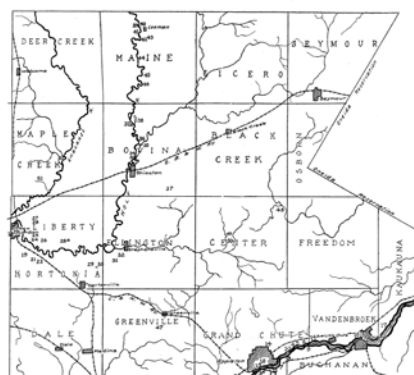
All the sandy part of the county is found to the west of this great backbone. The soil is sand, sandy loam or black mucky loam on a sand base. The land lying to the east and southeast of the ledge is heavy soil, clay (both red and blue) and good black earth.

The limestone ledge is also a watershed. Into the county from the north, near its northwest corner, sweeps the Wolf, a stream which in any country save the United States would

MAP INDEX

The numbers refer to the numbering of the map and of the text descriptions

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| 4-9. Camp Sites | 30. Cemetery |
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| 12. Cemetery | 34. Garden Beds |
| 13. Camp Site | 35. Corn Field |
| 14. Camp Site | 36. Camp Site and Corn Field |
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ARCHAEOLOGICAL NOTES

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- ✓ Help raise awareness of Wisconsin's incredible archaeological heritage and preserve unique and irreplaceable sites.

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