

ALL POINTS BULLETIN



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Colorado Archaeological Society - Denver Chapter

"...in the future, as in the past, the gathering of information will depend to a great extent on cooperation between avocational and professional archaeologists." (H.M. Wormington, 1978)

Volume 55, No 5

May, 2017

No article this month. If you would like to submit a feature article for the APB, please contact Cashel at cashel@zoho.com

May General Meeting: Monday, May 8, at DMNS in Ricketson Auditorium at 7 PM.

Speaker: Catherine M. Cameron, University of Colorado

Title: Captives: Stolen People in the Ancient World

Abstract: Captives were remarkably common in ancient times. Societies of all levels of complexity took captives, most commonly women and children. Archaeologists largely overlook captives as social actors, yet captives almost certainly transformed many of the societies they unwillingly joined. Captives were important sources of social and economic power for their captors, even in small-scale societies. Using cross-cultural comparison and analogy I will explore the substantial impacts captives had on captor society. I emphasize that the presence of captives should disabuse archaeologists of ever imagining that small-scale societies were "egalitarian" and suggest ways we can investigate links between captives and power.

Speaker Bio: Catherine M. Cameron received her PhD in Anthropology from the University of Arizona in 1991 and joined Department of Anthropology at the University of Colorado in 1996. Cameron works in the northern part of the American Southwest focusing especially on the Chaco and post-Chaco eras (A.D. 900-1300). Her research interests include prehistoric demography, the evolution of complex societies, and processes of cultural transmission. She has worked in southeastern Utah at the Bluff Great House, a

Chacoan site and in nearby Comb Wash. She also studies captives in prehistory, especially their role in cultural transmission. Recent publications on the Bluff/Comb Wash research include *Chaco and After in the Northern San Juan* (University of Arizona Press, 2009). She has also published *Captives: How Stolen People Changed the World* (University of Nebraska Press 2016) summarizing the captives research. Cameron has been co-editor of the *Journal of Archaeological Method and Theory* since 2000.

June General Meeting

Speaker: Christopher J. Kerns and Allison M. Kerns

Title: Buried Underground: The Excavation and Re-examination of Iron Age activity at Read's Cavern, Southwest England

Minutes of the DC-CAS Board Meeting, April 4, 2017

The DC-CAS Board Meeting was held at the South Classroom Building/Cherry Creek Building Room 241 at Metro State University Denver Tuesday, April 4, 2017

Attending were Linda Sand, Jon Kent, Preston Niesen, Teresa Weedon, Betsy Weitkamp, Ken Andresen, Reid Farmer, Bob Rushforth, Lisa Yeager, and Greg Davis.

The meeting was called to order at 7:05 PM by Linda Sand.

Vice President/Speakers (Jon Kent) The April speaker will be Christopher Fisher from Colorado State University. He will talk about LiDAR scanning of jungle areas in central America for ancient cities. The May speaker will be Catherine Cameron from the University of Colorado, Boulder.

Scientific (Reid Farmer) Reid has a meeting with Cherokee Ranch personnel to cover future survey work there. Reid will give a talk on Archaeology at Cherokee Ranch 1971 to 2017. The location is at the Cherokee Castle on April 11 from 6:30 to 8:30 PM.

Membership (Cashel McGloin) Cashel reported by email that there were 4 new memberships with a total of 6 new members. About 3/4ths of the memberships have renewed so far. Cashel will reach out to those who haven't renewed.

Treasurer Michele submitted the financial report for March via email.

PAAC Preston reported that the summer field work will be in the San Luis Valley in the Rio Grande Natural Area in July. The work will focused rockart recording. The PCRG website has details.

www.paleocultural.org/participation.

APB/e-APB Newsletter The April APB is being worked on.

CO-CAS (Teresa Weedin) The upcoming CAS Quarterly Meeting will be April 29 in Salida. This is the meeting where Alice Hamilton Scholarship applications will be judged.

Trips/Events (Teresa Weedin) There is a field trip to the Ute Mountain Tribal Park April 25 – 27.

DC-CAS Website Greg Davis has volunteered to assist Cashel with the website. Greg attended this board meeting and was introduced to the board members.

Linda received a request from a student who wants to shadow an archaeologist on April 26.

Teresa reported that Sharon McGee, former chapter historian, has 5 boxes of chapter records to be picked up. Ken was designated to followed up on this.

Bob Rushforth said a lawyer at a recent State CAS meeting wanted to know who in the organization decides on the advocacy policy. One consideration is: would some forms of advocacy jeopardize our 501(C)3 non profit status. Discussion followed but no formal statement by the board resulted.

An inquiry has been received from State CAS regarding site stewardship; is the Denver Chapter interested? The board's consenous is that yes we are interested pending what the details are.

The status of the October 27-29 annual meeting planning was discussed. Items covered included the audio visual operator provision (Linda; History Colorado will provide), the banquet speaker (Jon; a well known paleo archaeologist is ageeable), the speakers during the paper presentations (Bob; has eight lined up), local hotel accommodations (Teresa), field trips (Reid), and silent auction (Betsy).

A future meeting for planning will be May 4 at Jon's lab.

The next board meeting is May 2, 7 PM, at Jon's lab, Room 241, Cherry Creek Building, Metro State University Denver.

Minutes submitted by Ken Andresen

Minutes of the DC-CAS General Meeting, April 10, 2017

The meeting at the Ricketson Auditorium of the Denver Museum of Nature and Science was called to order by Linda Sand at 7:04 PM.

Announcements Linda announced the next Annual Meeting planning meeting will be 7 PM, May 4, at Jon's lab, Room 241 Cherry Creek Building, Metro State University Denver.

She also announced an excavation opportunity at the Magic Mountain Site, Golden, Colorado. There will be two Sessions: June 7-June 16 and June 19-June 25.

Paleo Cultural Research Group and the Denver Museum of Nature and Science (DMNS) will jointly carry out a testing project at the Magic Mountain site, one of the most important archaeological sites on Colorado's Front Range. Although excavations occurred there in the 1950s and the 1990s, until recently much of the site was privately owned. In 2016, PCRG and DMNS conducted geophysical surveys on a previously unstudied portion of the site.

That work revealed a variety of subsurface anomalies that may represent basin houses and other cultural features. The primary goal of the 2017 project will be to investigate those anomalies and their

geoarchaeological context. Excavation volunteers can contact Sarah Fischer at the Denver Museum of Nature and Science www.sarahfischer@dmns.org.

Field Trip Teresa Weedin is leading a field trip to the Ute Mountain Tribal Park south of Cortez. On Wednesday April 26, the group will do trail work. The next day the group will visit sites in the park.

Scientific Reid Farmer said there will inventory work at Cherokee Ranch in the summer. There will be 3 six day sessions: June 26-July 1, July 17-22, and July 31-Aug 5.

Speaker The invited speaker for the evening was Dr. Christopher Fisher from Colorado State University. The talk title was *The Application of LiDAR Scanning for the Documentation of Ancient Cities and Regions*.

Two areas where he has employed LiDAR are Angamuco in Michoacan, Mexico, and the Mosquitia tropical wilderness of Honduras. Dr. Fisher was surveying in Michoacan when he came across the remains of Angamuco, a small pre-Columbian village. In 2010 he used LiDAR to map Angamuco and found 20,000 previously unknown features in nine square kilometers. Later he expanded the LiDAR survey of

Angamuco to 26 square kilometers which revealed dense settlements, roads, temples, tombs, and perhaps 100 or more pyramids. He became sold on the use of LiDAR for efficient aid in jungle region survey.

The LiDAR, Light Detection And Range, device was flown in a 40 year old Cessna Skymaster and uses laser pulsed light in the infrared range. The 125,000 pulses per second laser are reflected from the jungle canopy and, occasionally from small openings in the canopy, from the ground. The time of arrival of a reflection from the time of the laser light pulse sent provides a measure of the distance from the aircraft to the reflecting material. Reflections can occur from different layers of canopy as well as from the ground. The few reflections from the ground are the important ones; canopy reflections are discarded by subsequent computer processing. The large amount of raw data produced is processed by computer to reveal features on the ground. Rectangular features and mounds indicated man-made structures. Chris Fisher mentioned that 60,000 man-made features were detected. The now uninhabited jungle in Honduras must have had a significant population prehistorically. The population was apparently decimated by the diseases brought by Europeans in the 1500s. In Honduras three valleys identified as T1, T2, and T3 were scanned using LiDAR in 2012. T1 had 19 settlements identified by the LiDAR images.

The archaeological work on the ground in 2016 was hampered by long periods of rainfall making for unpleasant work in mud and damp clothing. Also there were deadly fer-de-lance snakes present. Access was by older US military surplus helicopter. Honduran army soldiers were present during the work and during the periods between sessions to protect the sites. The Honduran President and other officials visited the work for photo opportunity to publicize the Honduran heritage.

The talk was very interesting by Chris who was a participant in the Honduras archaeological work described, and is pictured, in Douglas Preston's *The Lost City of the Monkey God*. (Chris indicated "Monkey God" was journalistic creation.)

The meeting was adjourned at 8:59 PM.
Report submitted by Ken Andresen.

Advocacy

In the Winter 2017 quarterly publication of the Colorado Archaeological Society *The Surveyor* Karen Kinnear in the President's Message discussed among other items advocacy. A portion of her comments follow:

"Even though the word "advocacy" is not in our mission statement, I believe our mission statement directs us to engage in the protection of archaeological/cultural resources, and one way to accomplish this is to engage in advocacy. I've received several requests from various organizations and individuals (CCPA, SAA, URARA) to join them in supporting various legislative initiatives related to cultural resource preservation. Dr. Holly Norton, our state archaeologist, recently asked us to contact our U.S. Senators and Representatives and ask them to support the re-authorization of the Historic Preservation Fund (HPF). I know many of you did so, as individuals, and I truly appreciate your willingness to do so; re-authorization of the HPF was passed by both houses of Congress and signed by President Obama last December. While we can continue to support such efforts as individuals, should we also consider supporting them as an organization? I see this primarily as sending letters of support for various initiatives as an organization, but it would not involve financial support or any type of lobbying activity. Please let me and your CAS reps know what you think."

New unique PPC/CAS Field Trip Announcement –

Open to Pueblo and Denver CAS members, family and friends – Saturday May 13th – The National Museum of WWII Aviation in Colorado Springs. PPC/CAS invites your members with their family/friends to join us for a field trip and lunch (pay your own way) on Saturday May 13th.

Are you interested in World War II history and airplanes? We have a field trip for you! PPC/CAS member Rick Schlegel has made arrangements for our chapters to have a guided tour of the National Museum of WWII Aviation. Some of the restored aircraft were dug up in New Guinea where they had been buried by the US after the war, or where they crashed, so they are really are archaeological artifacts in the true sense.

The National Museum of World War II Aviation is home base for more than 30 aircraft, most of them fully restored to flying condition. The Museum's aircraft are displayed along with a selection of aircraft on loan from private collections around the country to tell the full story behind American advancements in aviation technology during the war.

We will be heading to the museum at 755 Aviation Way, Colorado Springs, CO 80916 (Google Maps link <http://bit.ly/2pqOvmx>) on Saturday May 13. We

are meeting in the parking lot of the National Museum of WWII Aviation by 9:30 am, tour begins at 10:00 am for 2 hours. We will see the museum and West Pac Restorations. The cost is \$8 per person if we have at least 10 people or over 65 or military; otherwise the fee is \$10. After the tour at the aviation museum, we will continue to learn more about planes when we proceed to the Airplane Restaurant for lunch (you pay your own way). We have a reservation for 12:45. The Airplane Restaurant centerpiece is a fully intact Boeing KC-97 tanker. Built in 1953, this magnificent airplane refueled aircraft throughout the world such as the B-36, B-47 and B-52.

If you will be attending this fun tour of aviation archaeology, sign-up at the PPC/CAS General Meeting next week on April 18th OR by sending email to Rick Schlegel noblefly414@gmail.com or Judy Kilgore jppcnews@gmail.com with the number in your party and if you will be joining us for lunch after the tour. Remember, if we get at least 10 people, the cost for the tour will be \$8 per person. We are looking forward to the fun tour of an important part of our history!

NOTE! There is no limit as to the size of the tour group. This field trip is OPEN to family and friends plus the Denver and Pueblo CAS Chapters!

Lamb Spring Archaeological Preserve Talks and Tours

The Lamb Spring Archaeological Preserve is offering talks and tours of this important Paleo-Indian archaeological preserve just south of Chatfield State Park (Littleton address) monthly from May, 2017 through October. Remains of extinct species of Columbian mammoths, camel, horse, and buffalo have been excavated from this prehistoric hunting site. Butchered mammoth remains have been dated older than 15,000 years ago (calibrated C14 years). Cody Paleo-Indian culture artifacts have been dated to about 10,000 years ago. For more information and to make a reservation see lambspring.org.

Other Lectures

AIA Lecture Series: Ancient Dugout Canoes in the Mississippi-Missouri Watershed
May 3rd, 7 PM
CU Museum of Natural History
1030 Broadway, Boulder, CO
Cosponsored with the Indian Peaks Chapter of the Colorado Archaeological Society

In the sixteenth and seventeenth centuries, large vessels were fashioned from cedar, poplar, and cottonwood trunks. But how big, how numerous, and how widely dispersed were these canoes? How far back do they go in time, and how did the introduction of European metal tools influence or alter the construction of these boats? This talk will suggest preliminary answers to these and related questions.

Egyptian Study Society Lecture

Embodying the Goddess: Tattooing and the Cult of Hathor in Ancient Egypt

Monday, May 15, 2017 -7:00pm to 8:00pm

DMNS - Ricketson Auditorium

2001 Colorado Blvd, Denver, CO

Anne Austin

While tattooing is an increasingly popular topic, it is rarely discussed in the past owing to the infrequent identification of tattoos in human remains. This is particularly true in dynastic Egypt, where physical evidence of tattooing was limited to a set of three female Middle Kingdom mummies from Deir el-Bahri with Nubian geometric patterns placed on their arms and abdomens. During the 2014-2015 mission of the Institut Français d'Archéologie Orientale at Deir el-Medina, however, our team identified the mummy of a woman with over thirty separate, figural tattoos placed along her arms, neck, and shoulders. These tattoos offer our only evidence of Pharaonic tattooing to date and provide us an unusual glimpse into the world of tattooing and worship in daily life.

This talk reviews the significance of this tattooed mummy from Deir el-Medina through a systematic analysis of the placement, orientation, order, and symbolism of her tattoos. These tattoos created a permanent and public association of this woman with worship of the goddess Hathor, even allowing her body to be used as a potential vehicle for the goddess herself through the repeated motif of the divine Wadjet eyes. This mummy therefore not only offers a unique and significant contribution to our understanding of the practice of tattooing in ancient Egypt, but also the potential roles of women in religious worship in ancient Egypt.

SPARK! Learning from Stone Tools

May 14th, 1:30 PM

CU Museum of Natural History

1030 Broadway

Boulder, CO

SPARK! is a series of programs specifically designed to make museum exhibits accessible for visitors with early-stage Alzheimer's or dementia and their caregivers. These programs provide interactive and engaging experiences. The relaxed atmosphere is

welcoming and stimulating.

Explore science at the source, see incredible specimens from around the globe and our own backyard. With close to 5 million objects, the museum preserves and protects the largest natural history collection in the Rocky Mountain Region. Parking is available for \$4 in Lot 208, right in front of the museum.

Advance registration is required for this free program. Please call 303-492-6892 or email cumuseum@colorado.edu

Basketmaker II: Warfare and Fending Sticks in the North American Southwest

May 18th, 7 PM

CU Museum of Natural History
1030 Broadway
Boulder, CO

The lecture is presented by Dr. Phil R. Geib from the University of Nebraska- Lincoln.

**COLORADO ARCHAEOLOGICAL SOCIETY
DENVER CHAPTER
Financial Report
Prepared by Michele Giometti, Treasurer**

Balance Sheet

March 1-31, 2017

ASSETS

Current Assets

Checking/Savings	
Key Bank Checking	2,273.72
1 st Bank CD 182 day 7/5/17 0.05%	5,699.50
1 st Bank CD 182 day 4/18/17 0.05%	4,810.57
1 st Bank CD 1 Yr 2/20/18 0.10%	<u>5,002.50</u>
Total Checking/Savings	<u>17,786.29</u>

TOTAL ASSETS 17,786.29

LIABILITIES & EQUITY

Current Liabilities

State CAS Dues Payable	<u>0.00</u>
Total Checking/Savings	<u>0.00</u>

Temp. Restricted Net Assets

Scientific Applications Fund	3,916.41
Swallow Report Project Fund	2,343.81
D Bucknam Memorial Speaker Fund	1,747.10
Blackfoot Cave Fund	0.00
Education Fund	52.40
Field Trips / Social Fund	483.01
Student Membership Fund	57.50
Speakers Meal Fund	<u>528.02</u>
Total Temp. Restricted Net Assets	<u>9,128.25</u>

General Fund	7,352.24
General Fund Net Income	<u>1,305.80</u>
Total Equity	<u>17,786.29</u>

TOTAL LIABILITIES & EQUITY 17,786.29

Income Statement

February 1 – 28, 2017

GENERAL FUND	MTD	YTD
Income		
Membership Dues	923.00	1,990.00
Interest-Savings, Short-Term CD	0.00	3.30
Donations Received	<u>228.00</u>	<u>343.00</u>
Total Income	1,151.00	2,336.30
Expenses		
Bank Service Charges	0.00	10.00
Dues Paid to State	402.00	884.00
Supplies		0.00
Insurance		0.00
PO Box Rental		0.00
Website		0.00
Transfer to Scientific Applications	61.25	136.25
DMNS Annual Membership		<u>0.00</u>
Total Expenses	<u>463.25</u>	<u>1,030.50</u>
Net General Fund Income	687.75	1,305.80

Scientific Applications Fund

Income		
Transfer from General Fund	61.25	136.50
Donations Received	<u>28.00</u>	<u>28.00</u>
Total Income	89.25	164.50
Net SAF Income	89.25	164.50

Speaker's Meals

Expenses		
Speaker's Meals	<u>0.00</u>	<u>32.26</u>
Total Expenses	0.00	32.26
Net Speaker's Meals (Expense)	0.00	(32.26)

Swallow Report Project

Income		
Donations Received	<u>63.00</u>	<u>118.00</u>
Total Income	63.00	118.00
Expense		
Contract Services	<u>500.00</u>	<u>500.00</u>
Total Expenses	500.00	500.00
Net Swallow Report Income	(437.00)	(382.00)

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