

# ALL POINTS BULLETIN



## 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 56, No 6/7

June/July, 2018

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

---

**June General Meeting:** Monday, June 18, at the Denver Museum of Nature and Science in the VIP Room at 7 PM.

**Speaker:** Dr. Cerisa R. Reynolds

**Title:** Sedentism, Drought, and Basketmaker II Faunal Use Patterns

**Abstract:** The Basketmaker II (BM II) period (1500 B.C. to A.D. 500) marks the entrance of maize-based agriculture into the northern U.S. Southwest. Though their descendants would add domesticated turkey and bean to their , these domesticated sources of protein were rare during the BM II period. As such, scholars have recognized that wild faunal resources must have been essential parts of the BM II diet. However, scholars have also suggested that times of scarcity must have occurred in this marginal environment. Indeed, a synthesis of faunal data from 31 BM II sites reveals that most Basketmakers relied greatly upon small game, suggesting that basic scarcity—or a general lack of local high-ranking resources—was often the norm for BM II communities. More specific instances of resource pressure are also visible across the BM II range through generally high Richness scores at long-term occupation sites, the occasional use of especially expensive taxa (like small song birds), and intensive processing of large game at several sites, especially those in the Durango, Colorado region. Statistical analyses suggest that economic stress was most likely at long-term occupations,

and was thus related to the commitment the BM II peoples had to a sedentary, agricultural way of life.

**Speaker Bio:** Dr. Reynolds is an Assistant Professor of Anthropology and the Chair of the Faculty Teaching and Learning Center at Aims Community College. She received her Bachelor's Degree in Anthropology from Fort Lewis College and her Master's and Ph.D. (also in Anthropology) from the University of Iowa. Though she considers herself to be a broadly trained anthropologist, her specialty is zooarchaeology, the study of animal bones and what they can reveal about the diets and adaptations of past peoples. She has been involved in both historic and prehistoric archaeological projects for sites located in California, Wyoming, Colorado, North Dakota, Kansas, Iowa, and France. Dr. Reynolds' publications include articles in the *Journal of Contemporary Anthropology*, *Current Research in the Pleistocene*, *Colorado Archaeology*, and *Anthropozoologica*, as well as a chapter in the book *Pushing the Envelope: Experimental Directions in the Archaeology of Stone Tools*.

### 2018 General Meeting Dates

The Denver Museum of Nature and Science is changing the way they handle room use of affiliate groups such as CAS. At this time, they will be unable to consistently give us the second Monday of each month. This is the date of each meeting for the year:

8/13/18-Second Monday of the month  
9/4/2018-First Tuesday of the month  
10/1/2018-First Monday of the month  
11/5/2018-First Monday of the month

## Minutes of the DC-CAS Board Meeting, February 15, 2018

The DC-CAS Board meeting was held at the South Classroom/Cherry Creek Building, Room 241 at Metro State University Denver Thursday, February 22, 2018. Attending were Linda Sand, Jon Kent, Cashel McGloin, Alex Rosa, Ken Andresen, Teresa Weedon, and Michele Giometti.

**Speakers** Jon reported the future speakers will be March: Gene Wheaton on Assessing Archaeology; April: Cerisa Reynolds on Remains of Basketmaker people; and May: Dr. Sarah Trabert on Dismal River (Plains Apache) Occupation of Colorado,

**Membership** Cashel reported the 365 online membership portal wasn't set up yet. An automatically generated email from 365 was sent out to CAS members; many did not receive it, it may have gone to spam. Cashel is awaiting instruction from State CAS. Michele, in her role as State CAS Treasurer, also awaits instruction on the new dues renewal procedure.

**Treasurer** Michele moved that the Denver Chapter pay State CAS \$686.82 from the proceeds of the 2017 Annual Meeting. The motion passed.

A motion to accept the January 2018 Financial Statement was passed.

A motion to accept the 2017 Annual Meeting Financial Statement passed.

**APB** Cashel needs articles for the APB.

**Donations** A donation to the Alice Hamilton Scholarship Fund was discussed. The sense of the board was that it should be made in memory of Preston Neisen who served at various times as Denver Chapter treasurer and State CAS treasurer. A donation to the History Colorado Office of the State Archaeologist for the new Archaeology Lab in appreciation for supplying the venue for the 2017 CAS Annual Meeting. It was moved and passed that the donation be \$500.00.

**CAS Publication** A statewide survey of the quality of printing the Southwestern Lore was discussed. The survey will be discussed at the February General Meeting.

The board meeting was adjourned 8:21 PM. Submitted by Ken Andresen.

---

## Minutes of the DC-CAS General Meeting, February 19, 2018

The meeting was held in the VIP room at the Denver Museum of Nature and Science at 7 PM.

**PAAC** Alex Rosa reported the next Denver PAAC class will begin March 6 at History Colorado. It is Archaeological Dating Methods and lasts 5 weeks. The fee is \$12.00, payable at the first class.

**Symposium** Linda Sand announced the free Chaco Canyon Symposium will be held April 21, 1-4 PM, at DMNS. To reserve your seat go to [www.crowcanyon.org/symposium](http://www.crowcanyon.org/symposium) or call 800-422-8975.

**Denver Speaker** Jon Kent reported the March 19 General Meeting talk will be by Gene Wheaton on Assessing Archaeology.

**Speaker** Jon introduced Dr. Kathryn Reusch. The title of her talk: *That Which is Missing: The Archaeology of Castration*.

Castration is a long standing cultural practice for over 6000 years. The origin likely came in the ancient Middle East when it was observed that castrated male cattle in the herd had no effect on the breeding practice. Rulers employed castrates as bed chamber attendants, servants, and guards. In religious circles, young males were castrated to become castrado singers with soprano or alto voices. Some males and females in their 20s and 30s voluntarily underwent castration under a religious concept that sex was 'dirty'. Castration was also employed in China as punishment. Castrated African slaves in Cairo were valued as much as three times that of non-castrated slaves in the market.

Skeletons of castrates can reflect the hormonal changes that males without testes have. Fingers and limb bones continue to grow, becoming elongated (delayed epiphyseal fusion). Pelvic girdle can be splayed out. Craniofacial structure changes. Bone nodules can grow on the interior surface of the front of the skull. (This can also occur in post menopausal females due to the same hormonal changes.)

Dr. Reusch found it is difficult to identify castrate skeletons with only a few measurements. Use of linear discriminant analysis with many measurements of the skeleton provided more clear identification of castrates.

**Business** The chapter members filled out survey forms dealing with the quality of the Southwestern Lore CAS publication.

The minutes of the January General Meeting, as published in the February APB, were approved. The next chapter general meeting is March 19, 2018, at the DMNS VIP room.

Submitted by Ken Andresen

---

## Minutes of the DC-CAS Board Meeting, March 15, 2018

The meeting, was held at the South Classroom Building/Cherry Creek Building, Room 241 at Metro State University Denver 7:30 PM Monday March 15. Attending were Linda Sand, Jon Kent, Greg Davis,

Alex Rosa, Ken Andresen, Teresa Weedon, Kimbal Banks, and Michele Giometti.

**Speakers:** Jon listed upcoming speakers: Gene Wheaton, March 19, on historic archaeological assessment of the 9<sup>th</sup> avenue park on the Auraria Campus; Mark Mitchel April 16, on Blackfoot Cave; Sarah Trabert May 21, on Dismal River Archaeology; and Cerisa Reynolds June 18, on Analysis of Basketmaker People Remains.

**Membership:** Michele Giometti, Karen Kineer, and Bev Goering met on March 15 to discuss the transfer of the dues collected by 365 back to CAS chapters.

**State CAS:** Teresa reported the next Quarterly Meeting will be April 7 in Grand Junction.

**PAAC:** Alex reported the Historic Archaeology class will be March 24 – 25 in Colorado Springs and will be taught by Dr. Holly Norton. Contact is Jerry Rhodes of the Pikes Peak chapter..

**Financial:** The treasurer's February report was approved.

**SWL:** Linda has sent to the board members a copy of Chris Zier's paper (*LONG-TERM TRENDS IN COLORADO ARCHAEOLOGY AS SEEN IN THE PAGES OF SOUTHWESTERN LORE*) on SWL that was presented at a CCPA meeting. The SWL questionnaire given to the attendees at the February General meeting and collected then resulted in 13 returned with 13 marked in favor of option 1 and 11 in favor of option 4.

**P3 Project:** The chapter does not have a coordinator. It was suggested that students be queried to find an interested person to serve as coordinator.

**Bears Ears:** A motion was made to have the chapter donate \$250.00 to a lawsuit to overturn an action by the current administration that reduced the area covered by the Bears Ears National Monument. The term Bears Ears comes from the names of two mesas Bears Ears Butte West and Bears Ears Butte East. They are located almost due west from Blanding and due North of the Kane Gulch Ranger Station. The Bears Ears were in the SE corner of the Monticello unit of the Monti-La Sal National Forest and are now in the NW corner of the Shash Jaa Unit of the Bears Ears National Monument. (The Obama Administration proclaimed the 1,351,849 acre Bears Ears National Monument on December 28, 2016. The area is in the SE corner of Utah extending west from west of Blanding and Monticello to near the Colorado River. Not a single acre is in Colorado. Also participating in the lawsuit is the Bears Ears Intertribal Coalition, BREIC, of five Native American tribes: Navaho Nation, Hopi, Ute Mountain Ute, Ute Indian Tribe of

the Uintah and Ouray Reservation. and Pueblo of Zuni. The reduced size of the monument is 201,876 acres.) After discussion the motion passed with only one opposing vote.  
Submitted by Ken Andresen

---

### Minutes of the DC-CAS General Meeting, March 19, 2018

The meeting was held at the VIP Room of the DMNS on Monday March 19. The meeting was called to order by Linda Sand at 7:10 pm. Linda reported Treasurer Michele Giometti has received training on the 365 dues program. Jon Kent announced the April General Meeting speaker will be Mark Mitchel talking on Blackfoot Cave. Jon introduced the evening's speaker Gene Wheaton of the Community College of Denver whose talk was "*Archaeological Assessment of the Ninth Street Historic District Park (5DV102)*". The park has been a Federally Protected Site since 1972. The 14 historic buildings were in the original town of Auraria.

The town was settled by miners from Georgia. (The town preceded the founding of adjacent Denver and was subsequently absorbed by Denver.) Native Americans told the miners the area floods and suggested placing the town on the high ground. The park is the second Historic Preservation District in Denver and is owned by the State of Colorado. Archival research made use of Sanborn Fire Insurance Maps for the years 1890, 1903, 1920, and 1929. Also the 1975 demolition map made for the creation of the Auraria campus was an information source. Ground penetrating radar (GPR) from Denver University was employed to locate building foundations and outhouse pits. GPR was used over less than half of the open area due to cost limitation. Evidence of a tramway along 9<sup>th</sup> Street was found.

One of the early residents who had built a substantial house in 1872 was Smedley, a dentist who established the Dentist College. This house became Casa Mayan. Behind Casa Mayan was a carriage house which at various periods was a tomale factory, a meeting place, and a gambling hall. This building no longer exists. An employee of the Auraria campus collected bottles that were uncovered over the years. This assembly of some 150 historic bottles has been studied to identify if any had been made in Denver. All of the 14 buildings are now used as offices. The meeting adjourned at 8:12 PM  
Submitted by Ken Andresen

---

### Minutes of the DC-CAS General Meeting,

## April 16, 2018

The meeting was held in the VIP room at the Denver Museum of Nature and Science at 7 PM. Linda Sand announced that Kimball Banks will not be able to be the Denver Chapter CAS Representative due his workload. Anne Winslow has agreed to fill that position for the time being. Linda also reported that State CAS has decided to maintain the SWL in its current format and quality. Jon Kent reported the May speaker will be Sarah Trabert with her topic on Upper Republican archaeology. Jon next introduced the evening's speaker Mark Mitchell Research Director for Paleocultural Research Group (PRG). Mark began with brief review of archaeology of Blackfoot Cave in Douglas County. The Denver Chapter worked on the site from 2007 through 2015. A projectile point was found in the excavation at 2.2 meters below current ground surface. This point was determined to be of paleo period age. A slide was shown that showed the relation between radiocarbon C14 dates and calendar time. For example a C14 date of 11,000 years age corresponds to a calendar date of 12,800 years ago. The temperature in the late Pleistocene period was very cold and wet marked by the Younger Dryas 12,900 to 11,700 years ago. The temperature then changed rapidly rising as much as 10 degrees Centigrade in a decade. The Pleistocene ended at 11,700 years ago to be followed by the Holocene. Temperature has risen only about 2 degrees C since the start of the warmer and dryer Holocene until now. The paleo hunters in the Pleistocene were specialized bison hunters that moved frequently often for long distances. The points developed during this period include the Cody group: Cody, Alberta, Scottsbluff, Eden, Firstview, Kersey; the Plainview group: Plainview, Goshen; the Milnesand group: Milnesand, Belen; and the James Allen group: James Allen, Angostura, Frederick, Lusk. The Blackfoot Cave point has its base missing, making its type a bit difficult to determine. It is close to the James Allen and the Angostura with parallel oblique flaking. Angostura are more frequently found in the mountains while James Allen are more frequently found on the plains. Bonnie Pitblado's 2003 book *"Late Paleoindian Occupation of the Southern Rocky Mountains: Early Holocene Projectile Points and Land Use in the High Country"* was referenced by Mark. The decision is that the Blackfoot Cave point is a James Allen point. PRG worked at the Blackfoot Cave after the Denver Chapter ended its effort. The PRG work was

greatly hampered by ground water entering the excavation.

In the business meeting following the talk, Teresa Weedin provided brochures of the Colorado Rock Art (CRAA) chapter. The next CRAA webinar will be on April 17 with Peter Faris speaking. The meeting adjourned at 8:30 PM. Submitted by Ken Andresen

---

## PAAC Summer Excavations

History Colorado & Metcalf Archaeology will be leading 10 days of excavations at a middle archaic site at High Peak Camp on State Highway 7 just south of Estes Park. The excavations will be the last 2 weeks of June, and Salvation Army will provide on-site housing and meals. Details will be forthcoming, including the volunteer form. Space is limited and will be on a first come first serve basis (pending state background check approval). All inquiries should be directed to State Archaeologist Dr. Holly Norton at [holly.norton@state.co.us](mailto:holly.norton@state.co.us)

---

## Cherokee Ranch Project

Jon Kent and Reid Farmer are opening up the Cherokee Ranch project to DC-CAS members. It will include a week of survey and a week of excavation at the rock shelter. Contact Jon ([kentj@msudenver.edu](mailto:kentj@msudenver.edu)) and Reid ([trfarmer60@gmail.com](mailto:trfarmer60@gmail.com)) for details and dates.

---

## Other Lectures

### The Dead Sea Scrolls

Alison Schofield

Denver is fortunate to have a renowned local Dead Sea Scrolls scholar, Alison Schofield, associate professor of Hebrew Bible and Judaic studies at the University of Denver. She is recognized internationally for her scholarship of the scrolls and was recently entrusted with leading an extensive multiyear project to create a new translation, edition, and commentary on the charter text of the Dead Sea Scrolls, entitled "The Community Rule." She has published extensively and participated with other preeminent scholars around the world to address many of the central questions related to the scrolls and some of the mysteries that still surround them. Join Schofield for an engaging evening as she shares stories from her research and fieldwork in Qumran

July 31, 2018 7:00 pm

Denver Museum of Nature and Science

**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, 2018 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 [www.lambspring.org](http://www.lambspring.org).

COLORADO ARCHAEOLOGICAL SOCIETY  
DENVER CHAPTER  
Prepared by Michele Giometti  
Balance Sheet  
April 30, 2018

ASSETS

Current Assets

Checking/Savings

Key Bank Checking	5,052.23
1st Bank CD 182 day 7/5/18 .15%	5,702.35
1st Bank CD 182 day 10/16/18 .05%	4,816.57
1st Bank CD 1 Yr 2/20/19 .10%	5,017.33

Total Checking/Savings 20,588.48

Other Current Assets

Prepaid Expense 55.00

Total Other Current Assets 55.00

**TOTAL ASSETS 20,643.48**

LIABILITIES & EQUITY

Current Liabilities

State CAS Dues Payable 48.00

Total Current Liabilities 48.00

Temp. Restricted Net Assets

Scientific Applications Fund 4,188.16

Swallow Report Project Fund	2,353.81
D Bucknam Memorial Speaker Fund	1,747.10
Education Fund	52.40
Field Trips / Special Events	483.01
Student Membership Fund	57.50
Speakers Meal Fund	393.72
Total Temp. Restricted Net Assets	9,275.70
General Fund	10,562.19
General Fund Net Income	757.59
Total Equity	20,595.48
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>20,643.48</b>

Income Statement  
March 1 - April 30, 2018

General Fund	3/1 - 4/30	YTD
Income		
Membership Dues	1,041.00	1,418.00
Interest-Savings, Short-term CD	8.67	13.36
Donations Received	290.00	350.00
Total Income	1,339.67	1,781.36
Expenses		
Bank Service Charges		
Dues Paid to State	132.00	300.00
Storage Space	92.00	184.00
Transfer to Scientific Applications	117.25	117.25
Blackfoot Cave Expenses		222.52
Scholarship Contribution		200.00
Total Expenses	341.25	1,023.77
Net Income	998.42	757.59
Scientific Applications		
Income		
Transfer from General Fund	117.25	117.25
Donations Received	75.00	75.00
Total Income	192.25	192.25
Net Income	192.25	192.25
Speakers' Meals		
Expenses		
Speakers' Meals	-	33.20
Total Expenses	-	33.20
Net Income (Expense)	-	(33.20)

---

Denver Chapter  
Colorado Archaeological Society  
P.O. Box 100190  
Denver, CO 80250-0190

The All Points Bulletin is published monthly by the Denver Chapter of the Colorado Archaeological Society, and is governed by the bylaws of the Denver Chapter. Articles appearing in the All Points Bulletin do not necessarily reflect the views of the officers or members of the Denver Chapter. The All Points Bulletin is published monthly by the Denver Chapter of the Colorado Archaeological Society, and is governed by the bylaws of the Denver Chapter. Articles appearing in the All Points Bulletin do not necessarily reflect the views of the officers or members of the Denver Chapter.

**CIRCULATION:** Cashel McGloin

**EDITOR:** Cashel McGloin

**ASSISTANT EDITOR:** Amy Howard

Denver Chapter CAS, P.O. Box 100190, Denver, CO 80250-0190

**WEBSITES: Denver Chapter:** [www.cas-denver.org](http://www.cas-denver.org)

**Colorado Archaeological Society:** [www.coloradoarchaeology.org](http://www.coloradoarchaeology.org)

---

**DENVER CHAPTER OFFICERS**

**PRESIDENT** - Linda Sand  
llsand@comcast.net

**VICE PRESIDENT** - Jon Kent  
(W)303-556-2933, (H)303-504-4463  
kentj@msudenver.edu

**SECRETARY** – Ken Andresen  
gandresen@earthlink.net

**TREASURER** -Michele Giometti  
michgio@msn.com

**MEMBERSHIP CHAIRPERSON** - Cashel  
McGloin  
cashel@zoho.com

**CAS REP** – Ann Winslow  
anne52winslow@gmail.com

**PAAC REP** -

**EDITOR** - Cashel McGloin  
303-990-2758  
cashel@zoho.com

**DIRECTORS**  
Jack Warner

Littleton, CO 80127-3625

Reid Farmer  
trfarmer60@gmail.com

Lisa Yeager  
liyeager@msn.com

revised 05-29-2018

