

ALL POINTS BULLETIN



Make friends with...

...the past, through the....

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)

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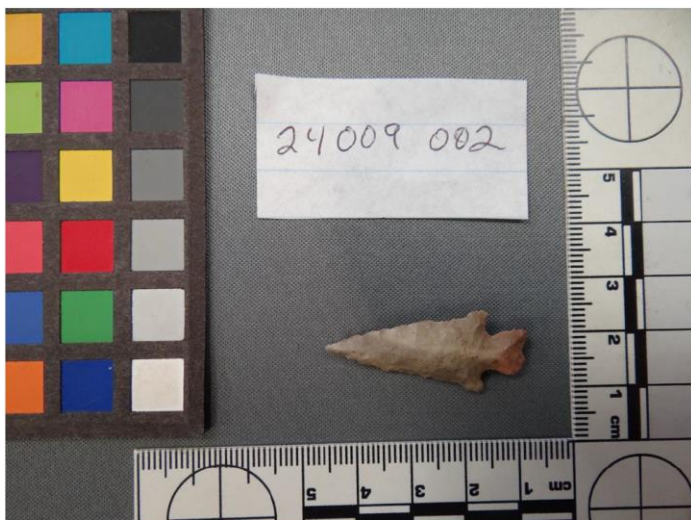
August,

2017

Documenting Arrowheads By Neil Hauser

Projectile Point Project (P3) "Hunting arrowheads" has and remains a favorite pastime of many. These projectile points are a potential resource for several types of studies of prehistoric peoples that are hard if not impossible to do with excavated collections. Many of these collections have already been lost to time, i.e., the collectors have passed and the collections have been disposed of by family members that had no interest or dispersed throughout family members. At a minimum, even for those collections that remain intact information concerning locations where the points were found has been lost. Even documentation gathered in previous attempts by CAS chapters to document points, i.e., APDAR in the 1980's, have been lost. To that end Chipeta Chapter, with Neil Hauser as principal investigator, has started a project to document diagnostic points (including fragments with diagnostic bases intact) that are in private collections. Chipeta Chapter has an agreement with OAHP (History Colorado) that the documentation created by the project will be archived by OAHP. Chipeta Chapter is currently identifying and documenting collections from an area approximately 50 mi in radius around Montrose, to include Whitewater to Ouray (N-S) and Utah border to Blue Mesa reservoir (E-W). The documentation consists of a photograph of each point (or base) with a scale and color card. It is preferable to get a photograph of each side when possible, identification of the material, color, presence of serration, presence of basal grinding, flaking pattern on each side, style (corner notch, side notch, expanding stem, etc.), ultraviolet fluorescence (longwave and shortwave), a set of 16 measurements that characterize the artifact, and general location (10 x 10 mi grid). More precise

locations can be recorded if available. Some collections are framed and the individual points are not available to take all the measurements. In that case one or more pictures (segments of a frame) of the artifacts in the frame (with scale and color card) are taken. The points can be individually extracted using software and most of the measurements can be done from the photo as well. Since many of the measurements can be taken from the photographs, only a subset of the measurements is taken at the time the photographs are taken. This minimizes the amount of time that a team needs to be in the private home. The project requires training of the volunteers. Chipeta Chapter had three, four hour sessions for volunteers that included learning point styles, material types, ultraviolet fluorescence, point morphology, determining when a point/base is complete enough to be diagnostic, and then documenting points, i.e., going through the whole process. Not only did this help the volunteers learn but also resulted in refinement of what data to take and even the work-flow that was most efficient. The figures below are examples of the original photograph and the finished photo (both will be in the final archive). Each collection is given a two digit number (the first two digits of the number in the figures). The next three digits are a team designator, and the last three digits is a sequential number of the artifact done by that team on that collection.



Original photo taken in collector's home



Color corrected and standardized scale and placement.

investment studies for twenty-eight years in both the Pacific and the Mediterranean, and currently works in Western Sicily.

Partial Minutes of the DC-CAS Board Meeting, June 6, 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, Teresa Weedin, Ken Andresen, Preston Niesen, Alex Rosa, Jack Warner, Amy Howard, and Greg Davis.

Jack will do a Lamb Spring tour on October 27 as part of the Annual Meeting. Teresa said she had CAS brochures that Jack requested for the tours.

Minutes of the DC-CAS General Meeting, June 12, 2017

The meeting in the VIP Room at the Denver Museum of Nature and Science was called to order by Linda Sand. Jon Kent announced the August 14 meeting speaker will be Michael Kolb.

Jon introduced the evening's speakers: Christopher and Allison Kerns, whose talk was titled *Buried Underground: The Excavation and Reexamination of Iron Age Activity at Read's Cavern, Southwest England*. Read's Cavern is 120 miles west of London, southwest of Bath between Wales and Cornwall. The Mendips are geologically old mountains in the Glastonbury area with tilted layers of limestone. Repeated floodings over the millennia dissolved the weaker shale/limestone layers adjacent to the more durable mountain limestone creating caves which were used by Iron Age cultures. On September 13, 1919, Professor Tratman of the University of Bristol entered Read's Cavern and found pottery remains. This led to five years of archaeological investigation 1919 – 1924. The Glastonbury pottery dates from 300 to 100 BC. Artifacts found included a La Tene period brooch, sickles, shakles, iron and bronze nave hoops, a late celtic ring, and stone and clay spindle whorls. Thirteen bone fragments indicated an estimated 4 individuals. One fibula had possible cut marks. Faunal remains included domesticates and wild Roe and, Red deer, and wild boar. The Bristol Museum held the excavation reports and artifacts. Unfortunately, the museum was bombed during World War II and much was lost. The Woodsprings Museum houses a few remaining artifacts from the 1920s excavation.

The University of Bristol Spelaeological Society recently has been performing a rescue excavation. The cavern is on private property owned by the Wills family. Chris and Allison have been involved in this work. The field school provided funds for a generator and lights. The vertical distance from the entrance to the floor is sixty feet. Many faunal bones were found, they were not burned. Black earth deposits contained burned sticks. Read's cavern is on the border between three tribes. The speakers distributed a 22 page *A Preliminary Report on the 2010 Excavations at Read's Cavern* to those attending. The meeting was adjourned at 8:51 AM. Submitted by Ken Andresen

August General Meeting: Monday, August 14, at DMNS in Ricketson Auditorium at 7 PM.

Speaker: Michael Kolb

Title: Pharaonic Power and Architectural Labor Investment at the Karnak Temple Complex, Egypt

Abstract: Labor mobilization at the Karnak Temple Complex in Egypt provides a unique understanding of authority among Egyptian pharaohs as Karnak was aggrandized by various pharaohs over a span of 2,000 years. Periods of monumental building at Karnak are strongly correlated with the variables of warfare and administrative centralization, suggesting that rulers with greater sociopolitical power expressed it through programs at Karnak, and likewise justified their authority, divine rulership, and political and military actions.

Speaker Bio: Michael Kolb is Professor of Anthropology at Metropolitan State University of Denver, and Presidential Teaching Professor Emeritus at Northern Illinois University. He has undertaken architectural labor

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.

Colorado Rock Art Field Trip

The Colorado Rock Art Association is planning a field trip to Pinyon Canyon which is on Fort Carson property. The trip will be on September 9 and all CAS members are invited to attend. Mark Owens who works at Fort Carson will be our guide. If you are interested in going, contact Betsy Weitkamp at 303-722-1656.

Colorado Archaeology Society Denver Chapter

Prepared by Michelle Giometti, Treasurer

Balance Sheet

May 1, 2017

ASSETS

Current Assets	
Checking/Savings	
Key Bank Checking	2,803.72
1 st Bank CD 182 day 7/5/17 0.05%	5,699.50
1 st Bank CD 182 day 10/17/17 0.05%	4,811.77
1 st Bank CD 1 Yr 2/20/18 0.10%	5,003.12
Total Checking/Savings	<u>18,318.11</u>
TOTAL ASSETS	<u>18,318.11</u>

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	3,959.66
Swallow Report Project Fund	2,353.81
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>530.02</u>
Total Temp. Restricted Net Assets	9,183.50
General Fund	7,352.24
General Fund Net Income	<u>1,782.37</u>
Total Equity	<u>18,318.11</u>
TOTAL LIABILITIES & EQUITY	<u>18,318.11</u>

Income Statement

May 1 – 31, 2017

GENERAL FUND	MTD	YTD
Income		
Membership Dues	45.00	2,462.00
Interest-Savings,		
Short-Term CD	1.20	5.12
Donations Received	<u>0.00</u>	<u>603.00</u>
Total Income	46.20	3,070.12
Expenses		
Bank Service Charges	0.00	10.00
Dues Paid to State	0.00	1,108.00
Supplies		0.00
Insurance		0.00
PO Box Rental		0.00
Website		0.00
Transfer to Scientific		

Applications	3.50	169.75
DMNS Annual Membership		<u>0.00</u>
Total Expenses	3.50	1,287.75
Net General Fund Income	42.70	1,782.37

Scientific Applications Fund

Income		
Transfer from General Fund	3.50	169.75
Donations Received	<u>0.00</u>	<u>38.00</u>
Total Income	3.50	207.75
Net SAF Income	3.50	207.50

Speaker's Meals

Income		
Donations Received	<u>0.00</u>	<u>2.00</u>
Total Income	0.00	2.00
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	(30.26)

Swallow Report Project

Income		
Donations Received	<u>0.00</u>	<u>128.00</u>
Total Income	0.00	128.00
Expense		
Contract Services	<u>0.00</u>	<u>500.00</u>
Total Expenses	0.00	500.00
Net Swallow Report Income	0.00	(372.00)

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

Colorado Archaeological Society: www.coloradoarchaeology.org

DENVER CHAPTER OFFICERS

PRESIDENT - Linda Sand
11341 Quivas Way
Westminster, CO 80234
llsand@comcast.net

VICE PRESIDENT - Jon Kent
Campus Box 28, Metro State University
Denver, CO 80217
(W)303-556-2933, (H)303-504-4463
kentj@msudenver.edu

SECRETARY – Kendra Elrod
6742 S. Holland Way
Littleton, CO 80128
303-948-4229
elrod@snet.net

TREASURER -Michele Giometti
michgio@msn.com

MEMBERSHIP CHAIRPERSON - Cashel McGloin
303-990-2758
cashel@zoho.com

CAS REP - Teresa Weedon
1189 Norfolk St.
Aurora, CO 80011-7513
303-366-7843
weedon@comcast.net

PAAC REP - Preston Niesen
preston.niesen@gmail.com

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

DIRECTORS

Jack Warner
11042 Main Range Trail
Littleton, CO 80127-3625

Reid Farmer
trfarmer60@gmail.com

Lisa Yeager
lyeager8@msudenver.edu

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