
The Folsom Point



Northern Colorado Chapter / Colorado Archaeological Society

Communal Hunting and the Role of Bison in Great Plains Prehistory

Volume 23, Issue 05

May 2008

Wednesday, May 21, 2008. 7:00 p.m.
Business Meeting and Program.
7:00 p.m. Poudre Fire Station #10,
2067 Vermont Drive (Timberline
and Vermont—See map Page 3).

Bison were clearly an important resource to indigenous Historic tribes and prehistoric groups in the Great Plains, though the role of bison in people's diets seems to have varied across time and space. In the late pre-contact record for the northwestern Great Plains, large communal kill sites, like Head-Smashed-In or Glenrock, are common and suggest an economy centered on bison. Intensification in bison hunting is not likewise documented elsewhere in the Great Plains during this time period, especially in the southern Plains, where large kills are essentially absent from the archaeological record. Information has been compiled from unpublished government documents, cultural resource management reports, and published literature on all recorded late pre-contact bison kill and processing sites for the entire Great Plains region. Using GIS, Judy Cooper is investigating how bison use varied in space and time. Using paleoenvironmental data, she examines how bison hunting strategies reflect adaptations to geographically-dependent environmental conditions.

Judy Cooper is currently an adjunct instructor at Colorado State University and resides in Boulder. She is also a Ph.D.



candidate in anthropology at Southern Methodist University in Dallas, Texas. She is originally from eastern Pennsylvania and received a Bachelors Degree in Anthropology from Penn State University.

Judy studies the archaeology of North America has participated in field projects in Colorado, Texas, and Pennsylvania, including a number of Paleoindian-aged sites. She is interested primarily in hunter-gatherers of the Great Plains and Rocky Mountains. She has a Certificate in Geographic Information Systems (GIS) and uses GIS often in her research. Judy's dissertation is on the archaeology of the Great Plains during the late pre-contact period.

Like many people who live in Colorado, Judy enjoys outdoor activities, like running, hiking, and leisurely biking during her free time. Please joins us for this fascinating program!



Special points of interest:

- May—All Month—Archaeology and Historic Preservation Month Activities
 - May 23-26 American Rock Art Research Association Annual Conference, Farmington, NM
 - June 3 Applications Due for PAAC Summer Training Survey at Antelope Gulch
kevin.black@chs.state.co.us
 - June 13-15 CAS Canoe Trip Gunnison River (See Page 5)
 - July 9-16 PAAC Summer Training Survey (See Page 9)
 - July 26 CAS Board Meeting, Cortez
 - August 7-10 Pecos Conference, Flagstaff, Arizona
 - August 15-17 CAS Canoe Trip Gunnison River (See Page 5)
 - Sept 26 CAS Board Meeting, Montrose
 - Sept 26-28 CAS Annual Meeting, Montrose
 - Sept 26-28 Southwest Traders Rendezvous, Cortez
www.cortezculturalcenter.org
 - Sept 29 10th Annual Frison Institute Lecture featuring Dr. Gustavo G. Politis speaking on Pre-Clovis/Clovis in South America, UofW, Laramie
 - Oct 1-5 Plains Anthropological Conference, Hilton Garden Inn, Laramie
 - Oct 10-13 URARA Symposium, Escalante, UT
-

Local Passport in Time Project Offered

Project Name: Exploring the Old Roach III: Return to Forrester Camp

Project Dates: August 4 - 8, 2008

Description: From the 1890s to the 1950s, the Roosevelt National Forest was home to tie hacks, men who logged railroad ties for the Union Pacific Railroad. Their camps, which included homes, schools, cookhouses, and even post offices, were small cities within the forest that were abandoned at the end of their timber contracts. Volunteers will help Roosevelt National Forest archaeologists search for and document these "lost cities" in the forest and learn about the lives of tie hacks from the artifacts they left behind.

This season volunteers will record and map the Old Roach and Forrester tie hack camps, guided by historical maps



and oral history gathered from the tie hacks and their families. The project will include site recording, artifact identification, GPS mapping, photography, and limited archaeological survey. Volunteers must be in good health and able to hike at elevations above 8500 feet. Previous archaeological experience is helpful but not required.

Lodging: Lodging is available in the FS bunkhouse at Stub Creek. The bunkhouse has a kitchen, bathrooms, and showers. Volunteers are responsible for their own food.

How to Apply: Apply through the Passport in Time website: www.passportintime.com. Applications will be due in June.

For more information: Contact Nicole Branton, North Zone Archaeologist, Arapaho and Roosevelt National Forests, Pawnee National Grassland, nbranton@fs.fed.us or 970-295-6611.

NCC/CAS PAAC News



by Lucy Burris, NCC-CAS PAAC Coordinator

Thanks everyone who made our 2007-2008 PAAC program a success. I am requesting that our fall 2008 class will be "Colorado Archaeology" with dates and location to be announced later this summer. Class will continue to be on Tuesday evenings from 6:30-9:30, specific dates will be determined by Kevin but we should finish before Thanksgiving. In the meantime check out the classes that continue to be offered by other chapters (contact their PAAC coordinator to sign up) or look into the PAAC Summer Training Survey (contact Kevin Black to apply). Kevin needs application for the training survey by June 3.

To apply send Kevin an email with your preferred dates (2 day minimum) and your mailing address, phone, fax and email address. Information is available at www.coloradohistory-oahp.org/programareas/paac/summersurvey2.htm.

For other summer volunteer opportunities check out the Forest Service Passport in Time program at <http://www.passportintime.com> or the George Frison Institute of Archaeology and Anthropology at the University of Wyoming. Marcel Kornfeld will be working at Agate Basin from July 2-11 and in the Bighorns from mid-July to late August. Go to <http://www.uwyo.edu/frisoninstitute>.

PAAC Schedule: May – July 2008

Basic Site Surveying Techniques	Cortez (Hisatsinom)	May 16-19
Colorado Archaeology	Craig (Vermillion)	May 30-31, June 1
Summer Training Survey	Antelope Gulch, Fremont County	July 9-16 (application deadline June 3)†

†For details see www.coloradohistory-oahp.org/programareas/paac/summersurvey2.htm

Congratulations to CAS/NCC Members!

The Northern Colorado Chapter of CAS would like to congratulate some of its members!

Dr. Jason LaBelle received the CSU College of Liberal Arts Award for Distinction in Advancement. This award is presented in recognition of outstanding contributions to the advancement efforts of the College. Recipients have made exceptional contributions towards strengthening the College of Liberal Arts by enhancing its image, increasing the financial support of its contributors, or creating and sustaining substantive and valuable relationships among the College's many constituencies. Recipients receive an honorarium of \$1,000 and a plaque. A perpetual plaque recognizing all winners is kept in the Dean's Office.

CSU student **Cody Anderson** successfully defended his master's thesis "Excavations at the Gilligan's Island Rock Shelter (5FN1592), Fort Carson Military Reservation (FCMR), Fremont County, Colorado".

CSU student **Chrissy Burke** also defended her thesis successfully, "Carnivore Attrition of the Kaplan-Hoover Bison Bonebed: Late Holocene Predatory Ecology of the Cache la Poudre Basin, Colorado Piedmont."

The 2008 Colorado Archaeological Society Alice Hamilton Scholarship Award Committee awarded \$4,550 this spring

to a field of twelve finalists consisting of two undergraduates, nine Masters Candidates and one PhD Student.

CAS/NCC would like to recognize and congratulate the following CSU students!

Emily Bank, Masters Candidate, CSU **\$325**

For thesis fieldwork expenses: Archival study of marine and freshwater shell usage throughout eastern Colorado.

Charles Evans, Masters Candidate, CSU **\$450**

For thesis laboratory analysis expenses: Obsidian sourcing and other lab work on materials previously collected from sites along the St. Charles River in southeastern Colorado.

Erin Parks, Masters Candidate, CSU **\$375**

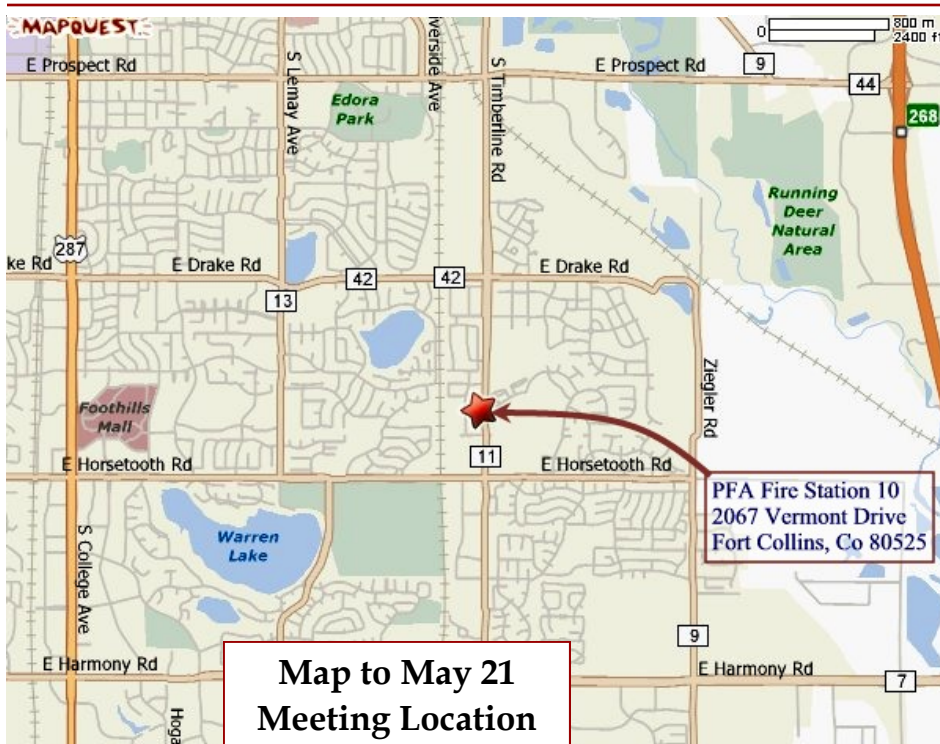
For thesis research travel expenses: Investigation into public interpretation of PaleoIndian sites; the results are to be applied to the public interpretation of the Lindenmeier site in Ft. Collins.

Abraham Thompson, Masters Candidate, CSU **\$450**

For thesis fieldwork materials: Incremental borer and temperature gun to assess the impact of wildfire on the archaeological record; Upper Greybull River, Wyoming.

CSU student **Charles Evans** also received the Colorado Council of Professional Archaeologists' Ward Weakly Scholarship, presented at the CCPA meeting in April.

Congratulations to these CAS/NCC members!



Reminder:

The Folsom Point and CAS/NCC Programs take the summer off! Watch your email for special announcements. Look for us in September.

Passport in Time Projects

The U.S. Forest Service is offering Passport in Time (PIT) projects for 2008 in Colorado. For more information, visit <http://www.passportintime.com/>

Picketwire Canyonlands Site Survey XIV

Comanche National Grasslands,
(CO-3720)

Dates: June 1-7, 2008 (including weekends). Must commit to 3 days

Tired of the city and want to get away? Then join us! Picketwire Canyonlands is a spectacularly remote and rugged area containing a great density and variety of cultural sites. We are recruiting volunteers to help us search the canyon for traces of past cultures and to assist in preparing the detailed records of what is discovered. Among the prehistoric resources expected are complex village sites dating to AD 800-1500, camps used by antecedents of modern tribes, and enigmatic rock art dating to all periods. We also anticipate Hispanic pioneer homesteads of the 19th century and the remnants of historic cattle ranches. PIT volunteers will help us explore the canyon and aid in the specialized tasks that are required including photography, botany, site mapping, and rock art recording. Please join us for our fourteenth year in the canyon!



Number of openings: 8-10

Special skills: Must be familiar and experienced with back-country or wilderness settings; must be in good health and able to hike over steep and rough terrain in hot weather at high elevations for a full workday; experience in photography, botany, geology, stone tool identification, and rock art recording, helpful but not required

Minimum age: 18 years old

Facilities: Access to this area is restricted, no commercial lodging is available; Forest Service will provide bunkhouse facilities with kitchen, shower, and toilets; space for tents and small campers; participants responsible for food and drinking water, dinners are optional "family" affairs

Nearest towns: La Junta, 35 miles; Pueblo, 80 miles

Applications due: March 30, 2008

Monarch Lake Survey

Arapaho-Roosevelt NF
(CO-3752)

Dates: July 20-26, 2008 (Sunday-Saturday). Must commit to full session

In 1904, Colorado investors rallied Japanese and Bulgarian laborers to construct a dam in a picturesque open valley, creating Monarch Lake. One of the first business ventures sparked by the incursion of the Moffat Railroad into the Middle Park of Colorado, Monarch Lake was built for the logging of the surrounding mountains to support the nearby fledgling town of Monarch. Although the town crumbled in 1909, the lake remained a focal point of recreational activities thereafter. Come join us for a survey to locate and record historical features related to the Monarch Lake construction camp, its original logging use, and anything else that marks the subsequent decades of occupation and recreation. Although some cabin ruins are rumored to be located just inside the Indian Peaks Wilderness boundary (on the lake's east side), it is uncertain if these cabins are in fact related to the original construction camp or if they hold any special clues as to the ethnic identity of their former occupants. We will spend five days surveying the valley around the lake to locate and record historical sites (or prehistoric sites, as the case may be). So be the first to help explore the historical resources along the periphery of man-made yet indescribably beautiful lake.

Number of openings: 8

Special skills: Must be in good health, able to hike all day, at high elevation in the heat over steep, rough terrain; experience recording archaeological sites helpful but not required

Minimum age: 18 years old

Facilities: Forest Service will provide camping spaces at Arapaho Bay Campground, vault toilets, potable water, no showers or electricity; volunteers responsible for personal camping equipment and food; motels, grocery, and restaurants in Grandby and surrounding

Nearest towns: Grandby, 14 miles

Applications due: May 18, 2008

CAS Canoe Trips June 13-15, August 15-17, 2008

The Colorado Archaeological Society is pleased to offer a new travel experience for its membership. The CAS canoe trip scheduled for June 13-15 has 3 spaces left! Because of the response from members wanting to sign up, we scheduled a second trip on the same river, on August 15-17, 2008. — also with 3 spaces left Join us for this three-day trip to enjoy the water and archaeology of western Colorado.



The Lower Gunnison River

This leisurely 31-mile trip through the Escalante and Dominguez Canyons is a summer delight, leaving time for hiking and photography. The Gunnison is ideal for beginning and intermediate canoeists, providing lots of fun with various Class 1+ rapids along its course. You will paddle beside high walls of beautiful red sandstone and shale, deposited during the age of the dinosaurs. Interesting side trips into deep box canyons will leave you awed by the immensity of geologic time and the silence of the wilderness. Massive cottonwood trees stand on the river bends supporting huge nests of blue herons, hawks and eagles. Hiking will include the spectacular Dominguez Canyon

Wilderness Study Area complete with a 40-foot waterfall, secluded swimming holes and numerous ancient Indian petroglyphs.



How to Sign Up

Centennial Canoe Outfitters (www.centennialcanoe.com) will provide all safety equipment, river guides, canoes and great food. Cost of the trip is \$300 (\$260 for children ages 6-12), of which \$50 is donated back to CAS for the Alice Hamilton Scholarship Fund. You will need to bring a sleeping bag, tent and basic personal supplies. The trip is limited to 24 participants, so sign up early to reserve your place. A deposit of \$100 per person must accompany your reservation request (Visa and Mastercard accepted), and the balance is due by July 15. For further details and to register for the trip, contact Centennial Canoe Outfitters, 1-877-353-1850 (toll free) and tell them you heard about it from Colorado Archaeological Society.



New Book

Medicine Lodge Creek: Holocene Archaeology of the Eastern Bighorn Basin, Wyoming edited by George Frison and Danny Walker. \$74.95 plus shipping. Available from the University of Wyoming Bookstore, www.uwyobookstore.com.

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Recycle Inkjet Cartridges for CAS/NCC

Don't Throw Away That Empty Inkjet Cartridge!



Northern Colorado Chapter/CAS has started a recycling and fundraising program with Empties4Cash.com. Here is how it works:

- The empty inkjet cartridges that we usually throw away as trash can be recycled and remanufactured.
- Bring your cartridges to the next CAS/NCC meeting, or contact Bev Goering at 484-3101 or bgoering@comcast.net. Feel free to pass the word along to anyone with cartridges to recycle!

- Send in your empty cartridges. CAS/NCC gets paid up to \$4.00 for each empty inkjet cartridge that has a print head, regardless of the brand or type.
- **Empties for Cash now accepts Epson ink cartridges!** Accepted are any of the following brands of printers:

- Epson
- HP
- Lexmark
- Xerox
- Compaq
- Brother
- Dell
- Canon
- Apple



Now Accepting Epson!

Northern Colorado Chapter/CAS Treasurer's Report

May 10, 2008

Account Balances:

Checking Account \$1594.90

Includes:

Kaplan-Hoover:

Interpretative Exhibit \$879.08

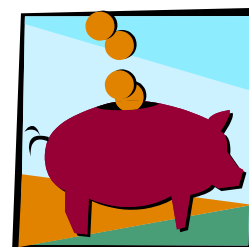
Exhibit Cases \$ 3.75

Greenacre Scholarship Fund \$401.00

Savings Account \$ 53.77

Scudder Money Market Fund \$1191.71

Total: \$2840.38



Individual Funds:

General - Checking and Savings \$ 364.84

Less \$ 401.00 in GFS and Kaplan-Hoover funds

Greenacre Scholarship Fund \$1592.71

MMF plus \$ 401.00

Kaplan-Hoover \$ 882.83

Total: \$2840.38

Welcome New Members!

- Joe and Cindy Pinner

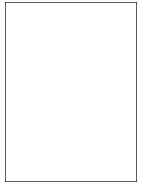
2008 Northern Colorado Chapter/CAS Contacts

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To Join CAS/NCC or Renew Your Membership, Visit
www.fortnet.org/casncc/membership/





Northern Colorado Chapter / Colorado Archaeological Society
Website: www.fortnet.org/casncc
E-mail: casncc@fortnet.org
Newsletter Editor: Joel Hurmence



Colorado Archaeological Society Code of Ethics

- Members will uphold State and Federal antiquities laws and regulations.
- Excavation of archaeological sites will be conducted only according to professionally accepted procedures developed in consultation with a professional archaeologist and with the written permission of the landowner. The investigator has the responsibility for publication of the results of his/her investigation and for making the collection available for further scientific study.
- Members are encouraged to report archaeological sites to the Office on the State Site Report forms. Materials collected from the surface sites shall be catalogued and described in the site survey report. Collected materials should either be deposited with the State Archaeologist's office or made available for scientific study.
- Members will not support illegal or unscientifically conducted activities by participating in or condoning the sale, exchange or purchase of artifacts obtained from such sites.
- Members who exhibit artifacts will do so in an educational context. Items from burials and objects considered sacred will not be exhibited.
- Members will cooperate with the State Archaeologist and other agencies concerned with archaeology and related fields.
- Members will respect the dignity of groups whose cultural histories are the subject of archaeological investigation.
- Members will not participate in conduct involving dishonesty, deceit, or misrepresentation about archaeological matters.