

The Folsom Point



Northern Colorado Chapter / Colorado Archaeological Society



Populating Valdivia: The Neolithic Demographic Transition at Real Alto, Coastal Ecuador

Volume 27, Issue 5

May 2012

May 16 (Wednesday) - No-host dinner from **6:00-7:00 pm** in the basement room of Wild Boar Coffee, 1501 S. College, Fort Collins. Program begins after a short business meeting at **7:00 pm**. Program: **James Zeidler**, Ph.D., Center for Environmental Management of Military Lands, Colorado State University presents **Populating Valdivia: The Neolithic Demographic Transition (NDT) at Real Alto, Coastal Ecuador**.

This presentation examines paleodemographic evidence in support of a Neolithic Demographic Transition at the Valdivia site of Real Alto (ca. 3800-1800 BCE), coastal Ecuador, similar to those proposed by French paleodemographer Jean-Pierre Bocquet-Appel and associates for Europe, North Africa, and North America. Through a comparative analysis of life tables derived from skeletal samples from the Late Preceramic Las Vegas site on the Santa Elena Peninsula and from Valdivia Phase 3 burial contexts at Real Alto farther south, a clear quantitative shift in the 5-19/+5 ratio can be seen in the transition between the two time periods indicating dramatic population increase at the onset of agricultural production and full sedentism. Other related paleodemographic indicators are also presented as well as a brief overview of

paleobotanical evidence for Valdivia agricultural production. This program is free and open to the public. Please join us!



Valdivia culture artifacts. Top: axe, bottom: mortar. Images courtesy of <http://www.precolumbianjade.com/ecuador.htm>



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**Next meeting
September 2012
Folsom Point is on
hiatus for the summer.
Have a great summer!**

Join Us for Social Time Before the CAS/NCC Meeting!

All are invited to join us for dinner, appetizers, drinks (on your own tab)* starting **6:00 pm** downstairs at Wild Boar Coffee, Fort Collins. Our meetings are free and open to the public!

* Please tell the cashier you are with CAS to save us a room charge.

2012 Northern Colorado Chapter/CAS Contacts

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*Replace _at_ with @ for email

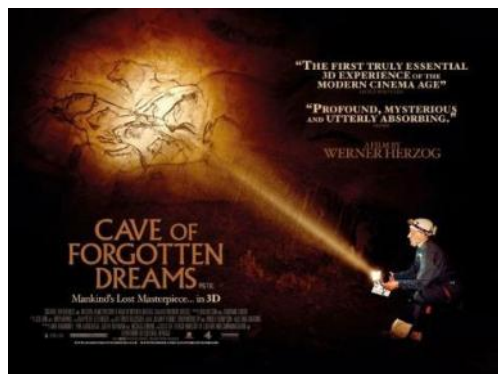
Upcoming Conferences

- May 25-28, **American Rock Art Association (ARARA) Annual Meeting**, St. George, UT. <http://www.arara.org>
- May 31-June 3, **Society for Industrial Archaeology 41st Annual Meeting**, Cincinnati, OH. <http://www.siahq.org>
- Oct 3-6, **Plains Anthropological Society Conference**, Saskatoon, Saskatchewan. <http://www.ou.edu/cas/archsur/plainsanth/meeting/meeting.htm>
- Oct 5-7, **CAS Annual Meeting**, Boulder, CO. <http://www.coloradoarchaeology.org/BULLETINBOARD/bulletinboard.htm>

Local and Regional Activities compiled by Lucy Burris

Every effort is made to make this listing accurate. However, information can change, please verify event details at the web sites provided.

- **Rialto Theater Phyllis Walby Film Series - Cave of Forgotten Dreams**
Wed, May 9, 7 pm - 9 pm,
228 E. 4th Street, Loveland.
Watch this G-rated, 90 minute documentary of the



30,000 year old carve art of Chauvet Cave, France.
Tickets \$7 adult, \$6 senior/student.

<http://www.ci.loveland.co.us/>

- **CAS, Indian Peaks Chapter - Meeting/Speaker**
Thurs, May 10, 7 pm, University of Colorado Museum of Natural History, Dinosaur Room, 1030 North Broadway Street, Boulder.
- **Wyoming State Museum - Lecture**
Thurs, May 10, 7 pm, 2301 Capital

Local and Regional Activities (cont) compiled by Lucy Burris

Ave., State Museum Multi-Purpose Room, Cheyenne. Robert Munkres, PhD., Estes Park, CO, will discuss in "Indian Removal: The Dark Side of American History" that from the early days of the republic relations between the Anglo population and the tribes native to the regions now being settled by the former were at best problematic. White authority called for the removal of native tribes to the West, culminating in the passage of The Indian Removal Act of 1830. This presentation will describe the implementation of this act together with the terrible cost it imposed upon the Native American population. <http://wyomuseum.state.wy.us/Events/Index.aspx?EID=682>

- **Centennial Village Museum – Open for summer**
Sat, May 12 - Sept 30, W-Sa 10 am – 4 pm, S 12-4 pm, 1475 A. Street, Greeley. Opens for season. Admission \$6 (less for children/seniors). <http://greeleygov.com/Museums/CentennialVillage.aspx>
- **Denver CAS – Meeting and Lecture**
Mon, May 14, 7 pm, Ricketson Auditorium at the Denver Museum of Nature and Science, 2001 Colorado Blvd. The Dale Bucknam Memorial Lecture will feature Mark Varien, head of Research and Education at Crow Canyon, presenting "The Neolithic Revolution and Roots of Modern Civilization: What We Can Learn From The Mesa Verde Region". <http://www.cas-denver.org>
- **Pikes Peak CAS - Meeting and Lecture**
Tues, May 15, 7 pm, Colorado Springs Fire Station #19, Community Room, 2490 Research Parkway, Colorado Springs. Dr. Richard Wilshusen, State Archaeologist and Deputy State Historic Preservation Officer, History Colorado, presents "An Archaeological Triptych: What Pots, Processes, and Ritual Abandonments Teach Us about the Past". www.ColoradoSpringsArchaeology.org
- **Estes Park Museum – Driving Tour and Lunch**
Thurs, May 17, 9 am - 2 pm. 200 4th Street, Estes

Park. A "mini" circle tour will offer participants an interpreted ride by historian laureate, Jim Pickering, on the scenic Peak to Peak Highway with a stop for coffee and tea at the Old Gallery in Allenspark. Guests will then board the bus and continue on to the town of Lyons for a walking tour lead by the Lyons Historical Society. The group will eat lunch at Smokin' Dave's BBQ in Lyons and return to the Estes Park Museum via Highway 36. Registration required starting May 7. \$45 per person, includes guided tour, transportation and lunch. <http://www.colorado.gov/cs/Satellite/TownofEstesPark/CBON/1251609639620>

- **Poudre River Public Library - History Comes Alive - Butch Cassidy and the Sundance Kid**
Fri, May 18, 7 pm - 8:30 pm, Longs Peak Student Center, Front Range Community College, 4616 S. Shields, Fort Collins. Dave Naples, Bill Donaldson and Kathy Naples present Butch Cassidy and the Sundance Kid. Butch Cassidy was the alias of George Leroy Parker. He took up a life of crime early as a cattle rustler and bank robber. He changed his name to George Cassidy after his criminal mentor, Mike Cassidy. He was the leader of "The Wild Bunch," a criminal gang that roamed the west in the 1890s. Harry Longabaugh took the name Sundance Kid after spending time in jail in Sundance Wyoming. There is much legend and little fact known about Etta Place. http://www.poudrelibraries.org/calendar/?mode=8&startdate=20120422&event_id=32342
- **Wyoming State Museum - 8th Annual Historic Homes Walk**
Sat, May 19, Begin anytime between 8 am - 2 pm, Register at 1905 Bradley Ave, Cheyenne. The Wyoming State Museum Volunteers will host this ~1 mile historic walk. Written directions and historical information about some of the homes along the trail will be provided. Donations would be appreciated and will benefit programs at the Wyo-

Local and Regional Activities (cont.)

compiled by Lucy Burris

ming State Museum. For info call 307-632-8244
<http://wyomuseum.state.wy.us/Events/Index.aspx?EID=700>

- **Berthoud Historical Society – Walking Tour**

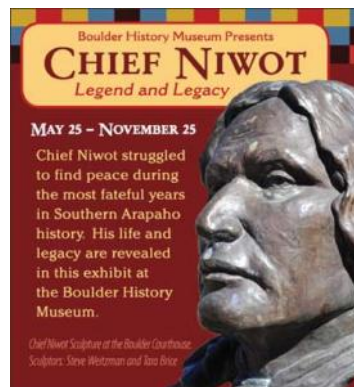
Sat, May 19, 1:30 - 4 pm, Berthoud. Co-sponsored by History Colorado as part of Archaeology and Historic Preservation Month. Registration required. Cost \$26 general public, \$21 HC members.
<http://www.historycolorado.org/events/historical-treasures-berthoud>

- **Larimer County Natural Areas – Archaeological Hike**

Thurs May 24, 1 - 4 pm. Laramie Foothills Tepee Rings Conservation Easement. Dr. Jason LaBelle, CSU, will lead this easy, 1.5 mi. round trip field trip sponsored by the Legacy Land trust and Larimer County. Free but space is limited. Registration required at <http://www.larimer.org/naturalresources/registration>. Contact Heather Young 970 679-4489 or hyoung@larimer.org for more information. <http://www.larimer.org/news/newsDetail.cfm?id=1396>

- **Boulder History Museum – Chief Niwot Exhibit**

Fri, May 25 - Nov 25, 1206 Euclid Avenue, Boulder. This exhibit is part of a community wide program exploring Niwot's life and legacy in our region of Colorado. "One Action, One Boulder: Niwot's Arrow", a year-long series created by local nonprofits, is not only an effort to educate residents about the history and tragedy of Niwot, but also to generate ideas and tools to create a more responsible, peaceful and inclusive community for the future. Museum admission: Adults \$6, Seniors \$4, students/children \$3.



http://boulderhistory.org/event_details.asp?eventID=413

- **Meeker House Museum – Open**

Sat, Jun 6, 10 am - 4 pm, (repeats July 7 and Aug 4) 1324 9th Ave, Greeley. Costumed guided tours of the 1870 Greeley family home. Special Nathan Meeker birthday celebration July 7, 10-2. Admission \$3 adults, \$2 seniors, \$1 children. <http://greeleygov.com/CPRD/EventView.aspx?ID=10>

- **Estes Park Museum – Lecture**

Thurs, June 7, 2 - 3 pm, 200 Fourth Street, Estes Park. Jim Lunberg presents "Rocky Mountain Rustic Architecture" - historic lodges, guest ranches, cabins, and retreats. Free and open to the public. <http://www.colorado.gov/cs/Satellite/TownofEstesPark/CBON/1251609639620>

- **Poudre Landmarks Foundation – Open House**

2nd Sat of each month Jun 9, July 14, Aug 11, Sept 8, and Oct 13, 10 am - 3 pm, 2005 N. Overland Trail, Fort Collins. Open House at the 1882-1883 Historic Water Works. Friends of the Water Works will hold "Big Splash IV" with tours, displays, exhibits and food on June 9. Free and open to the public. <http://www.poudrelandmarks.org/events/index.html>

- **Lamb Spring Archaeological Preserve - Tour**

Sat, June 9, 9:30 am (repeats July 7, Aug 4, Sept 8, Oct 13), Douglas County. Sponsored by Douglas County, the Archaeological Conservancy and Lamb Spring Archaeological Board, this tour includes a background video and site walking tour. Reservations required 303 660-7460.

<http://www.douglas.co.us/lambspring/>

- **Estes Park Museum – Driving Tour and Lunch**

Sat, June 16, 10 am - 1:30 pm. A tour of Allenspark led by historian Edie DeWeese, 4th generation Allensparker. Registration required starting May 21. \$30 per person, includes bottled wa-

Statewide PAAC Schedule, June submitted by Dave Swinehart

June 1–3.....Craig.....Rock Art Studies
 June 12-20.....Pawnee Buttes.....Summer Training Survey



Registration deadline for the Summer PAAC Survey is May 25. See details at <http://www.historycolorado.org/archaeologists/summer-training-survey>.

Prospective participants must submit (or have previously submitted) a signed PAAC application form. Completion of the Basic Site Surveying Techniques, Colorado Archaeology, and Prehistoric Lithics Description & Analysis classes is highly recommended. In general, the more PAAC classes one has completed the more rewarding the experience on the Summer Training Survey. However, if space is available, no classroom experience is required for participation on the survey. Applicants for the survey should identify on which specific dates they prefer to participate (two days minimum) and provide their mailing address, phone/fax, and e-mail.

Local and Regional Activities (cont.) compiled by Lucy Burris

- ter, snacks and transportation and lunch.
<http://www.colorado.gov/cs/Satellite/TownofEstesPark/CBON/1251609639620>
- **Loveland Museum – Exhibits**
 June 21 - Aug 21, T/W/F 10 am - 5 pm, TR 10 - 7 pm, Sa 10 - 4, S 12 - 4, 503 N. Lincoln Ave., Loveland. “Hobos to Street People” compares artistic interpretations of homelessness from the Dust Bowl migrants of the 1930s to the stigmatized street people of today. Dorothea Lange’s “Precarious Lives” portraits have etched the faces of the forgotten and the poor into the American memory. Admission: \$5, free for Museum members. <http://www.ci.loveland.co.us/index.aspx?page=982>
 - **Estes Park Museum – Historic Homes Tour**
 Sat, June 30, 9 am - 3 pm. Visit 5 historic homes, cabins, and ranches in Estes park in this fundraiser for the museum. Tickets available to the general public beginning May 24. \$20 per person. <http://www.colorado.gov/cs/Satellite/TownofEstesPark/CBON/1251609639620>
 - **Greeley History Museum – Lecture**
 Fri, July 6, 6 pm - 7:30 pm, 714 8th Str., Greeley. Author Robert Silbernagel casts new light on the story of the Meeker Affair with historical transcripts - revealing the personalities of the major characters—both Indian and non-Indian in his talk “Troubled Trails: The Meeker Affair and the Expulsion of Utes from Colorado”. Free and open to the public. <http://greeleygov.com/CPRD/EventView.aspx?ID=14>
 - **Poudre Landmarks Foundation – Historic Homes Tour**
 Sat, Sept 8, 10 am - 4 pm. Fort Collins. 28th Annual Historic Homes Tour. More details to be announced. Tickets go on sale Aug 22. <http://www.poudrelandmarks.org/events/index.html>

Protection for Chimney Rock submitted by Teresa Weedon, DCAS from the NTHP



Photo courtesy of the National Trust for Historic Preservation

Consider joining the National Trust for Historic Preservation on Friday, May 11, in Pagosa Springs, Colo. to help designate Chimney Rock Archaeological Area a National Monument. The United States Forest Service will hold a public meeting to discuss options for the permanent protection of Chimney Rock on Friday, May 11 at 1:00 p.m. at the Archuleta Fairgrounds, 344 Highway 84 in Pagosa Springs, Colo.

Chimney Rock is the most important cultural site managed by the U.S. Forest Service, yet it has no protection or designation equal to its importance. On the high mesa within sight of Chimney Rock's twin sandstone spires, lies the stone remains of an Ancestral Puebloan

Village including ceremonial and residential structures like the Great House Pueblo, the Great Kiva, the Guard House and the Ridge House. The one-thousand year old structures were built by the Chacoans, the ancestors of the modern Pueblo Indians for whom it retains great spiritual and cultural significance.

The Chacoan people were accomplished engineers, architects and astronomers with a highly organized and thriving culture between 850 – 1150 A.D. Many of their multi-level stone structures with hundreds of rooms have been protected at Chaco Culture National Historical Park in New Mexico, but just ninety miles to the northeast, Chimney Rock, a Chacoan "outlier", is without protection.

Senators Michael Bennet and Mark Udall and Congressman Tipton introduced legislation to designate Chimney Rock a National Monument, but it is still waiting action by this Congress (Congress couldn't pass a nearly identical bill in 111th Congress in 2010.) We are running out of time - again. President Obama can take action and designate Chimney Rock a National Monument through the Antiquities Act as he did last year with Virginia's Fort Monroe and did again just last week with California's Fort Ord.

This is your chance to speak up and make your voice heard. If you can't attend and still want to support this effort, go to the National Trust for Historic Preservation Chimney Rock site:

http://my.preservationnation.org/site/MessageViewer?em_id=49967.0&dly_id=42143

Teepee Ring Article in Reporter-Herald

Can't join **Dr. Jason LaBelle** on the Larimer County **Larimer County Natural Areas Archaeological Hike** on May 24? Read the Reporter-Herald story by Pamela Dickman and watch a video at http://www.reporter-herald.com/news/larimer-county/ci_20456934/legacy-land-trust-offers-rare-view. The teepee rings near Livermore, on a 504 acre portion of Stonewall Creek Ranch, have been protected by a conservation easement since 2002.



Northern Colorado Chapter / Colorado Archaeological Society
P.O. Box 270738
Fort Collins, CO 80527-0738



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.

Folsom Point Submission Guidelines

compiled by Lucy Burris

The Folsom Point is published monthly September through May for the purpose of sharing information with members and friends of the Colorado Archaeological Society, Northern Colorado Chapter. Submissions are welcome and are used at the editor's discretion and may be edited for content, length, and format. Common submissions include book reviews, event announcements, volunteer help requests, activity reports, and local news items. Please follow the guidelines below. Contact the editor with any questions.

- Submit materials by the 1st of the month. The newsletter is published during the first week of the month so events or activities which occur early in the month should be submitted for publication in the prior month.
 - Include contact information in the form of a name, email address, web site, and/or phone number.
 - Illustrations can be used but they may be reduced in size and/or resolution to reduce file size.
 - Event announcements should include specific time and location information, remember not all members live in Fort Collins or even Colorado.
 - Clearly distinguish your own content from that created by others so that proper credit can be given.
 - Submit all material electronically. Acceptable document formats include Microsoft Word documents and plain ASCII text files, as well as plain text in the body of email. Acceptable image formats include .jpg, .tif, and .bmp. Adobe PDF files also can be used. Tables can be sent using Microsoft Excel or embedded in a Word document.
-

Northern Colorado Chapter Colorado Archaeological Society Membership Application

I/We _____ do hereby agree to uphold and abide by the [Code of Ethics](#) as a condition of membership in the Colorado Archaeological Society (CAS) and the Northern Colorado Chapter.

NAME(S) _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ (H) _____ (W) E-MAIL _____

Membership type (check one): Today's Date: _____

Renewal New Member Joining Jan-Jun New Member Joining Jul-Dec

Renewal or New Member	New Member Joining Jul-	Category
<input type="checkbox"/> \$26.00	<input type="checkbox"/> \$13.00	Individual
<input type="checkbox"/> \$32.50	<input type="checkbox"/> \$16.25	Family
<input type="checkbox"/> \$18.00	<input type="checkbox"/> \$ 9.00	Student (includes <i>Southwestern Lore</i> , must be currently en-
<input type="checkbox"/> \$18.00	<input type="checkbox"/> \$ 9.00	Senior (does not include <i>Southwestern Lore</i>)
<input type="checkbox"/> \$22.50	<input type="checkbox"/> \$11.25	Senior Family (does not include <i>Southwestern Lore</i>)

Note: Renewals are due in January each year. New members joining after June 30 pay half the annual dues for the remainder of the year.

Donation to the [Greenacre Scholarship Fund](#): \$ _____

Please make your check payable to the Northern Colorado Chapter/CAS. Print this page, fill out the application, and send with your check to:

Northern Colorado Chapter/CAS
P.O. Box 270738
Fort Collins, CO 80527

Note: Your dues include concurrent membership in the Colorado Archaeological Society and the Northern Colorado Chapter, a subscription to the Chapter newsletter, the [Folsom Point](#), four issues of the journal *Southwestern Lore*, and four issues of the CAS newsletter, the *Surveyor*. The Colorado Archaeological Society is a nonprofit 501(c)3 organization.



**To Join CAS/NCC or Renew Your Membership,
Use the Form Above or**

Visit www.fortnet.org/casncc/membership/

