

Table of Contents

- From the President
- Announcements
- IPCAS Lectures
- Supporting IPCAS
- Feature Article:
Recommended
Archaeological
Inventory and Rock Art
Recording in the Rio
Grande Natural Area
and Punche Valley,
Conejos County,
Colorado by *Mark
Mitchell*
- April Events Calendar
- IPACS Board &
Supporting Members

**ONLINE MEMBERSHIP
AND RENEWAL ARE
HERE!**

**VISIT
[indianpeaksarchaeol
ogy.org/join-us/
memberships](https://indianpeaksarchaeology.org/join-us/memberships)**

TO SIGN UP!

From the President

By Rosi Dennett

I hope you are all enjoying the lovely spring weather (in between the occasional snow storms)!

A big thank you goes out to those of you who registered your membership online using the new CAS program, Member365. We've had a great response so far, and for those of you who have not yet registered and interested in receiving 'hands-on' assistance, come early to the next IPCAS lecture on April 5. We will have laptops available from 6:30 to 7:00 and will get you registered! Visit indianpeaksarchaeology.org/join-us/membership to learn more about the online membership process.

Much appreciation goes out to Katy Waechter and Chris Driver for another great field trip to a Boulder Open Space property.....this time to the Mount Sanitas area. I heard many positive remarks from those in attendance about the history lessons they took away from the trip.

I also want to thank these two for putting together an interesting on-the-spot presentation on Boulder Open Space White Rocks rock art at our March lecture. Unfortunately, our guest speaker did not show up, so Katy shared a video on recent work by IPCAS member Dr. Craig Lee about ice patch archaeology in Montana, and she and Chris presented photos of rock art at White Rocks. Great job, you two! If you'd like to see some of the 3D models they showed us at the meeting, visit <https://sketchfab.com/kewaechter>.

And don't miss this month's lecture on April 5 by Doug Bamforth on 13th and 14th century social transformations visible at sites in northeastern Nebraska.

Many of our members enjoyed the informative presentations at the recent Colorado Council of Professional Archaeologists conference. And how convenient it was being in Longmont!



Dr. Bob Brunswig addressing the 2018 Colorado Council of Professional Archaeologists Annual Meeting in progress. Photo courtesy of Rosi Dennett.

Mark your calendars for an upcoming volunteer opportunity on May 12 at History Colorado in Denver. More information to be provided soon as we join History Colorado in celebrating Archaeology Day.

Another date to note is June 6, as we are resurrecting the annual IPCAS picnic. This will be from 1 to 4 at Betasso County Open Space west of Boulder. It will be a potluck affair and plans include an atlatl throwing contest. So practice your throwing skills!

Cheers,

Rosi

IPCAS Lectures

About Dr. Bamforth

Professor Bamforth's research focuses on the archaeology of the Great Plains, with a technical emphasis on lithic and microwear analysis. In addition, he studies human responses to environmental variation and change that includes his work on the Allen site, which addresses Paleoindian responses to long-term shifts during the early Holocene Climatic Optimum and his Plains Village work examining warfare and climatic variation.



When: Thursday, April 5th at 7:00 pm

Where: CU Museum, Dinosaur Room

Cost: Free and Open to the Public

Dr. Doug Bamforth - University of Colorado

Thirteenth and 14th century maize-dependent societies in the Plains and Midwest faced immense social changes and practical problems resulting from the collapse of Cahokia in the context of severe and widespread drought. On the central Plains, archaeologists have long argued that farmers abandoned the western areas they had occupied for generations and moved east at this time. Simultaneously, we see evidence of Midwestern groups moving into the eastern parts of the central Plains. Sites in northeastern Nebraska show evidence of interaction between these two populations, perhaps including living side-by-side. These sites seem to document immense social changes, and particularly the formation of new and much larger communities than any seen in this area before. Ceramics recovered from them in the 1930s and 1950s include imported Midwestern (Oneota) pottery, along with classic central Plains pottery and pottery made in classic Oneota style, both made locally, along with locally-made pottery that mixes elements of these two styles on the same pot. My goal is to introduce a new program of field and lab research and sketch major changes in social formations on the eastern Plains that ultimately led to the formation of the Pawnees and Arikaras.

On Thursday, May 17th, 2018 at 7:00pm,
IPCAS is pleased to present...

Kelton Meyer
Colorado State University

Support IPCAS

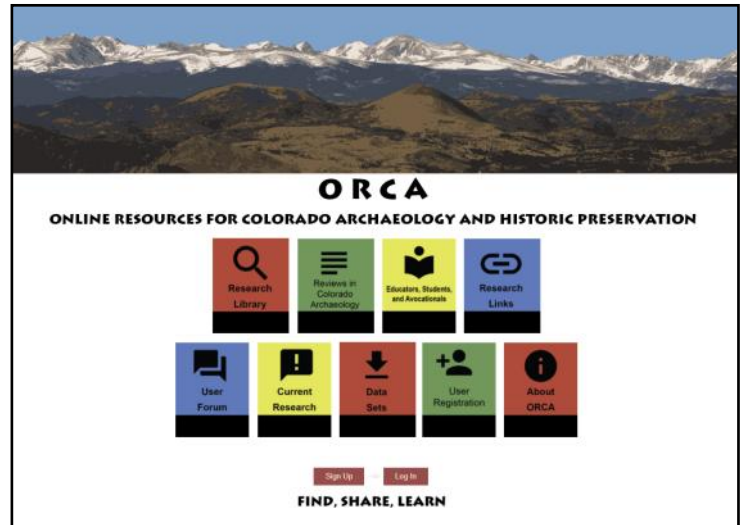
IPCAS has big plans for outreach and fieldwork this year. Help us support activities by:

- If you're shopping on Amazon.com, use [Smile.Amazon.com](https://www.smile.amazon.com) and select Colorado Archaeological Society to receive a portion of all eligible purchases. Using [Smile.Amazon](https://www.smile.amazon.com) does not change anything about your purchase.
- IPCAS receives a portion of all [IPCAS Zazzle store](https://www.ipcas.org/zazzle) purchases. Don't forget to pick up some IPCAS gear!
- You can [donate online to IPCAS](https://www.ipcas.org/donate) to help us fund outreach, trips, and other events.

Announcements

Online Resources for Colorado Archaeology and Historic Preservation Launch

Paleocultural Research Group is pleased to announce the launch of a new website called Online Resources for Colorado Archaeology and Historic Preservation (ORCA). Available at www.archaeologycolorado.org, the site is an open-access collection of resources and tools for academic research, cultural resources management, and heritage education in Colorado and adjacent states. The site features a digital library and a new scholarly journal called *Reviews in Colorado Archaeology*. The site also includes a variety of resources for educators, students, and avocationalists, and tools for professional communication and collaboration. Major funding for development of the website was provided by a History Colorado – State Historical Fund grant, with matching funds provided by the Colorado Council of Professional Archaeologists, the Colorado Archaeological Society, and other organizations.



Problems with your online membership registration?

Come to the April 5th meeting at 6:30 for assistance!

Some members have expressed difficulty in using the Member365 system for online membership registration. A few of our board members will be ready to assist you join or access your online membership account between 6:30 and 7:00 pm on Thursday, April 5th. Contact Katy Waechter (kewaechter@gmail.com) for more information. **NO COMPUTER NEEDED!**

Projectile Point Project

Projectile Point Project is a statewide-CAS and Colorado Office of Archaeology and Historic Preservation effort to document projectile points in private and museum collections. IPCAS has been training with the CAS President, Neil Hauser, to assist with the Projectile Point Project (P3). IPCAS has a fully assembled recording kit, thanks to the generous donations of Todd Marshall and other members. What does IPCAS need to start contributing to the effort?

IPCAS needs a P3 Coordinator! A P3 Coordinator is responsible for storing and sharing P3 equipment, quality assurance and control of documentation, and coordination with CAS and participants. Contact indianpeaksarchaeology@gmail.com for more information or to volunteer. IPCAS also needs collections to document! We have 2 collections ready to be documented and leads to document another 3 collections. We will soon unveil a collection interest form on our website if you have a collection or a friend with a collection that would like to participate.

Archaeological Inventory and Rock Art Recording in the Rio Grande Natural Area, Conejos County, Colorado

*By Dr. Mark Mitchell
Research Director
Paleocultural Research Group*

The Rio Grande River is the lifeblood of the San Luis Valley. Its waters sustain the valley's farms and ranches and provide welcome respite for flocks of migrating birds. For millennia, the river supported the bison, deer, and antelope that brought American Indian hunters to the valley.

To preserve the river's outstanding scientific, scenic, educational, and environmental values, the Rio Grande Natural Area was established in 2006. Running 33 river-miles from the southern tip of the Alamosa National Wildlife Refuge to the Colorado-New Mexico border, the natural area contains hundreds of archaeological sites, ranging from rock shelters to homesteads to rock art sites. However, prior to Paleocultural Research Group's (PCRG) investigation only a small portion of the area had been surveyed.

Archaeological data on the San Luis Valley have accumulated rapidly over the last fifteen years. However, the region remains among the least-studied parts of Colorado. Most research has taken place within and adjacent to Great Sand Dunes National Park and Preserve. Perhaps the best-known aspect of San Luis Valley archaeology is the notable concentration of Folsom sites found there, such as the Linger site (5AL91), Zapata site (5AL90), and Cattle Guard site (5AL101). The Stewart's Cattle Guard site, located in the park, is among the best-documented examples of a short-term Folsom foraging camp anywhere in North America. Little is known about the Early or Middle Archaic occupation of the region, but during the Late Archaic and early Late Prehistoric hunter-gatherers lived in the San Luis Valley year-round, moving between winter base camps and summer foraging camps. Ancestral Puebloans regularly visited the valley beginning in the 1100s. In the 1700s and 1800s, the Utes, Navajos, Jicarilla Apaches, Comanches and other groups regularly traveled to the valley to hunt and trade. The origin stories and oral histories of many American Indian tribes refer to mountains, lakes, or other natural features in the San Luis Valley.

Europeans and Americans began visiting the valley and interacting with the region's native peoples in the mid-1600s. The Rio Grande Natural Area includes the site of Don Diego de Vargas's 1694 crossing of the river. In addition to Spanish exploration, the natural area also includes sites that reflect early settlement, agriculture, and transportation.

Our 2017 project was a collaborative effort that brought together five different agencies and organizations: the Bureau of Land Management, the Sangre de Cristo National Heritage Area, History Colorado's Program for Avocational Archaeological Certification (PAAC), the Colorado Rock Art Association, and PCRG. During the 16-day investigation, project staff and volunteers surveyed



Figure 1: Bruce and Ann Holloway admiring their handiwork. Photo courtesy of Britni Rockwell.

334 acres of state and federal land in Conejos County, recorded 60 new cultural resources, documented 57 rock art panels, tested two previously recorded sites, and salvaged four partially eroded hearths at one newly recorded site. CAS participation—including by IPCAS members—was critical to the project's success.

The project's most surprising result may be the recovery of four Folsom points at three different sites. Intensive use of the valley by Folsom bands is well attested farther north, but the results of our project demonstrates extensive use of the entire region. The discovery of multiple Folsom surface finds also points to large-scale landscape stability throughout the Holocene, a finding supported by project excavation data. Although data from woodrat (packrat) middens collected by PCRG researchers nearly 20 years ago (Feiler 1998) demonstrates ecological change along the river, the landscape appears to have changed little in the last 12,000 years.

Another surprising result of the project was the identification of scratched rock art motifs likely produced in the 1700s by Comanche artists. Similar Comanche rock art has been documented on the Rio Grande in northern New Mexico, but until now had not been observed in the San Luis Valley proper.



Figure 2: Peter Schlegel and Ann Whitfield documenting rock art. Photo courtesy of Peter Schlegel.

Much of the rock art documented during the project was produced by Ancestral Puebloan artists. Several panels contained images of katsinas, supernatural beings who personify natural phenomenon, spiritual concepts or qualities, revered ancestors, or geographic locations. One especially complex panel may represent a shrine or ceremonial space that was revisited regularly by Pueblo pilgrims.



Figure 3: A record-setting survey line: high school archaeology camp participants learn about archaeological survey. Photo courtesy of Mark Mitchell.

In addition to archaeological fieldwork, project staff also helped lead two Junior Archaeologist Camps and worked with Rig to Flip, a video production company based in Steamboat Springs, Colorado, to collect footage for an interpretive video about the region. Go to <https://vimeo.com/240679571> to see the video and experience the Rio Grande Natural Area for yourself.

If you are interested in volunteering to participate in other PCRG projects, visit <http://www.paleocultural.org/participation> to learn about upcoming opportunities. Trips are scheduled for Colorado, New Mexico, and North Dakota. Deadlines to apply for these volunteer positions begin on April 16.

References Cited

- Feiler, Eric J.
1998 *Analysis of Eleven Packrat Middens Collected From the Rio Grande Riparian Corridor, San Luis Valley, Colorado*.
Submitted to Bureau of Land Management, Alamosa, Colorado, and Rio Grande Restoration, Taos, New Mexico.

APRIL EVENTS CALANDER

Lectures			
4/5/2018, 7:00 pm	A First Look at 13th and 14th Century Social Transformations in Northeastern Nebraska	Dr. Doug Bamforth University of Colorado	University of Colorado Natural History Museum
4/5/2018, 6:30 pm	Deadly Laboratories: The Evolution of Tactics & Technology in the First World War	Benjamin White-Patarino	Longmont Museum, 400 Quail Road, Longmont
4/7/2018, 10:00-4:00	Eye on Boulder: Architecture Bus Tour	History Colorado	More information
4/11/2018, 7:00 pm	Egypt's Desert Frontier: The Ptolemaic Fortress at Bir Samut	Dr. Jennifer Gates-Foster UNC Chapel Hill	University of Colorado Museum of Natural History Paleontology Hall
4/16/2018, 7:00 pm	TBD- Denver CAS meeting	TBD	Denver Museum of Nature and Science, Denver
4/11/2018, 7:00 pm	TBD- Northern Colorado CAS meeting	TBD	Medical Center of the Rockies, Loveland
4/16/2018, 1:00 and 7:00 pm	The Utes	Ernest House, Jr.	History Colorado, Denver
4/17/2018, 7:00 pm	Coming together at the Continental Divide: Alpine game drive sites in the southern Rockies	Kelton Meyer Colorado State University	2490 Research Parkway, Colorado Springs
4/19/2018, 6:30 pm	Inside Out - Widening the Museum's Reach Through Online Media	Dr. Erin Chapman, AMNH	University of Colorado Natural History Museum
4/26/2018, 7:00 pm	North American Lichens: Distributions, Traits, Ecologies, and New Syndromes	Dr. Erin Tripp University of Colorado	University of Colorado Natural History Museum
Conferences			
4/11/2018- 4/15/2018	Society for American Archaeology Conference	Washington, DC	saa.org
4/21/2018	Crow Canyon Archaeological Center Symposium: The Impact of Chaco Archaeology: Past and Present	Denver, CO	https://www.crowcanyon.org/symposium SOLD OUT

As always, if you know of any events, lectures, exhibits, or fieldtrips you would like added to our events calendar, please send an email to indianpeaksarchaeology@gmail.com

2018 IPCAS Board & Supporting Members

Board Members

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Members are encouraged to send ideas or material for The Calumet. All content is subject to review and approval by the IPCAS Board.

The submission deadline is the 3rd Monday of the month for the next month's issue.

Send to indianpeaksarchaeology@gmail.com or kewaechter@gmail.com

