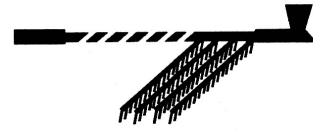


CALUMET



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
September, 2008

CALENDAR OF EVENTS

Presentation (lecture) meetings are held in the University of Colorado Museum, Dinosaur Room on the Second Thursday of most Months, at 7:00 PM. **The public is always welcome.**

Web Site: WWW.INDIANPEAKSARCHAEOLOGY.ORG

- September 4** Executive Board Meeting, 7:30PM at The Atrium
September 11 **Presentation Meeting, PARTY!!!**, See Page 2
September 27 CAS Annual Meeting, See Page 6
September 27 Rock Art Tour, See Page 3
September 27 2008 Loveland Stone Age Fair, See Page 8
September 28 CAS Annual Meeting, See Page 6
September 28 2008 Loveland Stone Age Fair, See Page 8
- October 2** Executive Board Meeting, 7:30PM at The Atrium
October 8 PAAC Class, First Class Session, See Page 5
October 9 **Presentation Meeting**, Becky Latanich
October 15 PAAC Class, See Page 5
October 22 PAAC Class, See Page 5
October 29 PAAC Class, See Page 5
- November 5** PAAC Class, See Page 5
November 6 Executive Board Meeting, 7:30PM at The Atrium
November 12 PAAC Class, See Page 5
November 13 **Presentation Meeting**, Cody Newton,
Topic: To Be Announced
November 19 PAAC Class, Final Class Session, See Page 5
- December 11** **Christmas Party**, 6:00PM at The Atrium

Inside This CALUMET	
Calendar of Events	1
Membership Information	1
Electronic Calumet delivery	2
September Topic and Tour	2
September Rock Art Tour	3
Energy Boom in West	3
PAAC Class	5
CAS Annual Meeting	6
CAS Annual Raffle	7
Loveland Stone Age Fair	8
A Chipped Stone Crescent	9
Officers/Board Members	10
Membership Application	10

Membership Information

New Members:

John & Melissa Kunstadter,
Randall Turner

Renewing Members:

Warren Bradshaw,
Dr. Steve Clarke,
Carolyn Camell-Coppin,
Margaret Finucane,
Elizabeth Novak,
Rhoda Nozik,
Robert & Anne Mutaw

Glad you are with IPCAS!

Electronic Delivery of the Calumet

The board has decided to utilize electronic delivery of the Calumet, beginning in May. Members without e-mail capability will still receive printed copies of the Calumet. Ten club memberships will continue to receive printed copies. When each Calumet is placed at (www.indianpeaksarchaeology.org), our website, a notice of the newsletter availability will be sent to all members with email capability.

This will save printing and postal costs for the club and allow members to view the Calumet photographs entirely in color. It also allows flexibility in the number of photographs, articles, and pages in each issue. The members without a club-known email address are: Maureen Arthur, Bill Benjamin, Priscilla Ellwood, Bill Jones, Paul Lundy, Wanita & Steve McCowan, Isadore Million, Dorothy Myers, Donna Shay, and Payson Sheets.

If any of you have email access, please let the chapter know. Many notifications of meetings, volunteer opportunities, and events that arrive too late for the Calumet are forwarded to the membership via email and you could be included.

IPCAS Meeting, September 11th at the Museum of Natural History, CU Campus

It's a **party!!!!** to celebrate our 26th year!!! (That is 25th, plus 1)

At our meeting on September 11th, the Indian Peaks Chapter of the Colorado Archaeological Society - known as IPCAS - will celebrate 26 years of bringing Archeology to the people of Boulder County. Your board is pleased to present a very exciting program to celebrate this occasion. There are two exciting opportunities for members.

Keith Bilby, an accomplished flint knapper will demonstrate and explain the processes the Native Americans used in making the tools they needed for their survival and growth. This is a wonderful opportunity to learn the "how and why" of those wonderful artifacts by which we identify different cultures through time. Keith has provided samples of his work for several years at the IPCAS White Mammoth Gift Exchange during our annual holiday party. His points are always a sought-after item!

Concurrently, Dr. Stephen Lekson, Curator of Anthropology at the CU Museum, will lead a limited number of our members "backstage at the Museum" to see firsthand some of the archaeological collections that are not usually on display and how they are preserved in long-term storage. For this opportunity, we will have a drawing at the beginning of the meeting.

We would like to honor the attendee at the September meeting who has been an IPCAS member the longest.

And then, as with any birthday celebration, there will be **cake!!!** Please bring your favorite appetizer or snack to share!

This is a great opportunity for a reunion of some of our long-term members and an opportunity to meet some of our newest members. We look forward to seeing you all.

September Rock Art Tour

- Morey Stinson -

This is an update identifying the date for my trip for CAS. The Rock Art Trip to the Dinetah' / Navajo area in Northwest New Mexico is scheduled for the weekend of 27 & 28 of September. We'll meet Friday afternoon, September 26th at Navajo Lake State Park. There is very nice camping there. I will try to arrange an area where we can all camp close together. We had a great spot in 2006. The nearest motel accommodations are in Bloomfield or Aztec. Each is about 25 miles from Navajo Lake. We'll be exploring Largo and several other canyons.

For those who followed us to the area in 2006, I'll include sites that we didn't visit on that trip but am planning on returning to Crow Canyon and probably Blanco Canyon as these are sites that all should get to see. There are many other sites that we didn't see on the last trip, some that I haven't visited either. As the summer progresses, I'll firm up the details of the plan and itinerary. It's likely that Janet and I will go a couple of days early to check out sites and access to the new places. If so, anyone is welcome to join us early. As always, I'll need to know if you plan to attend and if you are camping or staying in a motel. I'll maintain the usual list of attendees and emergency contacts. Please signup for the trip by phone or email: (303) 530-7727 or morey.stinson@comcast.net

Energy Boom in West Threatens Indian Artifacts

Branson Reynolds for The New York Times

http://www.nytimes.com/2008/08/02/us/02artifacts.html?_r=1&ref=science&oref=slogin

DOLORES, Colo. — The dusty documentation of the Anasazi Indians a thousand years ago, from their pit houses and kivas to the observatories from which they charted the heavens, lies thick in the ground near here at Canyons of the Ancients National Monument. Or so archaeologists believe. Less than a fifth of the park has been surveyed for artifacts because of limited federal money.

Much more definite is that a giant new project to drill for carbon dioxide is gathering steam on the park's eastern flank. Miles of green pipe snake along the roadways, as trucks ply the dirt roads from a big gas compressor station. About 80 percent of the monument's 164,000 acres is leased for energy development. The consequences of energy exploration for wildlife and air quality have long been contentious in unspoiled corners of the West. But now with the urgent push for even more energy, there are new worries that history and prehistory — much of it still unexplored or unknown — could be lost.

At Nine Mile Canyon in central Utah, truck exhaust on a road to the gas fields is posing a threat, environmentalists and Indian tribes say, to 2,000 years of rock art and imagery. In Montana, a coal-fired power plant has been proposed near Great Falls on one of the last wild sections of the Lewis and Clark trail. In New Mexico, a mining company has proposed reopening a uranium mine on Mount Taylor, a national forest site sacred to numerous Indian tribes.

“We're caught in the middle between traditional culture and archaeological research and the valid existing rights of the oil and gas leaseholders,” said LouAnn Jacobson, an archaeologist by training and the manager of both the Canyons of the Ancients National Monument and the Anasazi Heritage Center here in the four-corners area, where Utah, Colorado, Arizona and New Mexico touch.

Nationally, only about 20 percent of the 193-million-acre national forest system has been surveyed for historical or cultural content, according to a recent report by the [National Trust for Historic Preservation](#). At the federal [Bureau of Land Management](#), which oversees 261 million acres, including the monument here, the figure is only 3 percent.

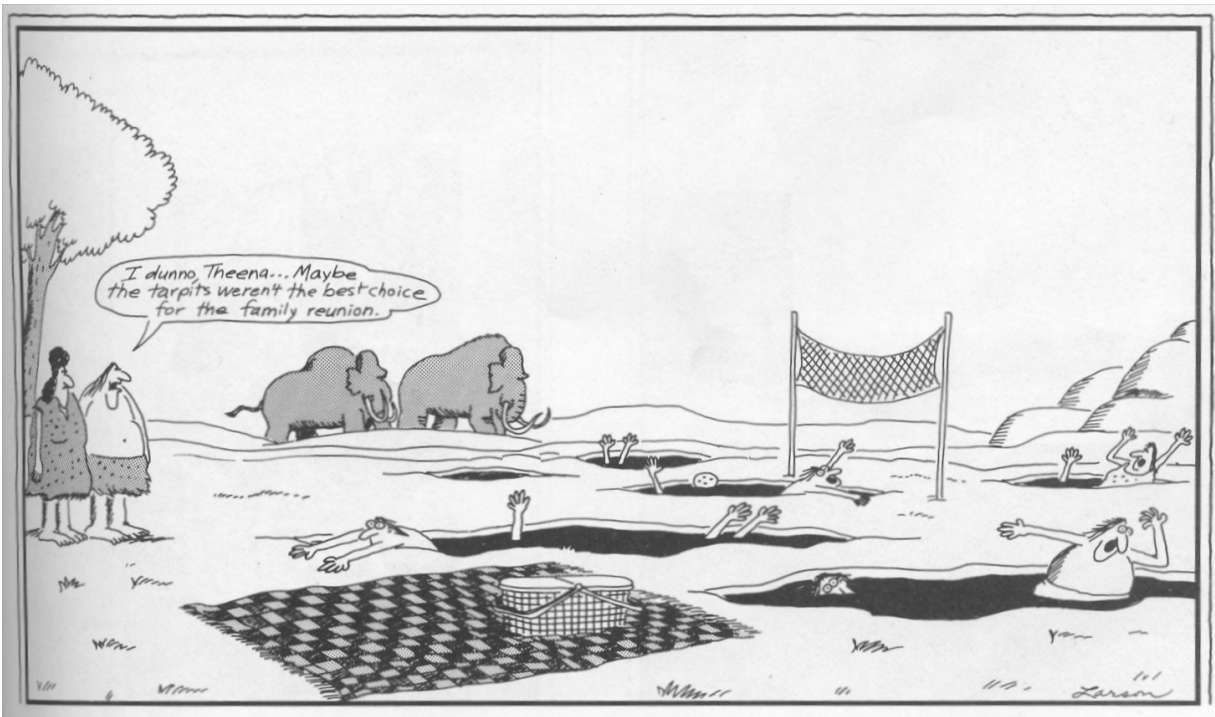
Heightened awareness of the risk to historic sites has been fueled in part by the growing number of retirees like John Gwin who have flocked to retreats like Durango and Pagosa Springs in Colorado. Mr. Gwin, a burley former [F.B.I.](#) agent who has dedicated his retirement to the study and stewardship of the Anasazi landscape, said the region's mix of ancient past and verdant nature was unmatched anywhere in his travels. "I enjoy being out there, being quiet and appreciating the people who lived there 1,000 years ago — imagining what Chimney Rock meant to them," said Mr. Gwin, who leads tours as an unpaid volunteer for the federal Forest Service at the Chimney Rock Archaeological Area, about an hour east of here. But population growth has also brought people who are not so reverent. Instances of vandalism and illegal raids for relics — as more footprints are found leading out into once-silent Indian mounds — have risen sharply in the last few years, though few offenders are caught.

Federal land managers, tribal leaders and archaeologists call it "piling on". Energy companies build roads for access to their drill pads. But then expanding populations, many of them riding off-road vehicles, use those roads for exploration or exploitation. What was once remote becomes less so, and harder than ever to defend for future generations.

"Multiple use worked for a while, but now the uses are in the same place," said Terry Morgart, a legal researcher for the Hopi tribe in Arizona. "You can't have recreation, cultural resources, energy development and cell towers all on the same spot. I think the agencies are aware of these conflicts, but because they're stuck with these archaic laws, they're between a rock and a hard place."

Indian leaders, who link modern tribal populations in the Southwest to the ancestral Anasazi, have mounted a campaign to stop the local exploration for carbon dioxide, which would be used to help rejuvenate old oil fields that are now stirring to life in Texas and elsewhere as oil prices soar.

"Fencing dozens of sites for the facilitation of energy development is not what we had in mind when we supported the designation of the monument," said Leigh J. Kuwanwisiwma, the director of the Hopi Cultural Preservation Office, in a letter in April to federal agencies.



Fall IPCAS PAAC class - “Prehistoric Ceramics Description & Analysis.”

Class Description: This course is an introduction to a major artifact class found in Colorado: ceramics. The course covers the technology of ceramic manufacture, basic description and analysis, and an introduction to some American Indian ceramic wares found in the state. The course is not a study of ceramic typology; types will be described on a limited basis, and non-Indian wares are not discussed. The course is of value to those individuals interested in the Late Prehistoric to Protohistoric period occupations (AD 150-1800) of Colorado.

Course Outline:

- A. Introduction to Ceramics
- B. Technology of Ceramic manufacture
 - 1. Three basic elements composing ceramics
 - a. earthenware, stoneware & porcelain
 - b. sources of clay and temper
 - 2. Ceramic paste and working it
 - 3. Vessel forming techniques
 - 4. Finishing techniques
 - 5. Firing the vessel
- C. Description and Analysis
 - 1. Viewing and describing paste, form & finishes
 - 2. Defining ceramic types, series & ware
- D. General survey of Colorado ceramic earthenware
 - 1. Plains ceramic wares
 - a. Plains Woodland & Developmental period
 - b. Upper Republican (Cambridge, Frontier)
 - c. Apishapa
 - d. Sopris (Upper Purgatorie)
 - 2. Western Colorado ceramics
 - a. Ancestral Pueblo (Anasazi)
 - Northern San Juan Grey
 - Northern San Juan White
 - San Juan Red
 - b. Fremont
 - Desert/Utility Grey
 - Ivie Creek White
 - 3. Colorado wares, post AD 1300
 - a. Quemado & Navajo painted
 - b. Dismal River & Sangre de Cristo Micaceous
 - c. Intermountain
 - d. Uncompahgre Brown
 - e. Shoshonean Brown
 - 4. Trade ware

Class dates: Wednesdays: October 8, 15, 22, 29 and November 5, 12, 19 (7 sessions)

Time: 6:30 p.m. to 9:30 p.m.

Location: Foothills Nature Center, 4201 North Broadway, Boulder

Instructor: Kevin Black, Assistant State Archaeologist

Class maximum: 24 people

To register: We need to receive 2 checks – one for \$12.00 payable to CHS and another separate check for \$10.00 payable to IPCAS.

Send checks to: Cecil Fenio, 780 Union Ave, Boulder, CO 80304. Please be sure to include your name, address, email and phone number. If you have any questions, please feel free to contact me at cfenio@hotmail.com. For more information about other PAAC classes and the PAAC program go to the PAAC home page <http://www.coloradohistory-oap.org/programareas>.

CAS ANNUAL MEETING 2008
September 26—28, 2008 Montrose, Colorado
REGISTRATION FORM

Museum of the Mountain West CAS Board Meeting – Friday, 26 September
Holiday Inn Express Main Events – Saturday, 27 September
Tours – Sunday, 28 September

Please complete and mail with your check by **9/5/2008** to:
Attn Linda Manske, Chipeta Chapter, PO Box 593, Montrose, CO 81402
Please make checks payable to: **CHIPETA CHAPTER, CAS**

Name _____ Name _____
Address _____ Phone _____
City, St, ZIP _____ Email _____

Registration Fees	Pre-Registration	“At the Door”	Total
▶ CAS Board Meeting Dinner	5:30 pm – No-host bar & music; 6:30 Mexican Buffet & Meeting \$18.00 x _____	(Not Available)	\$ _____
▶ Registration	\$22.00* x _____	(\$24.00)	\$ _____
▶ Banquet (Buffet)	\$18.00 x _____	(Not Available)	\$ _____
<i>Please indicate preferences: ___ Chicken ___ Beef Brisket ___ Vegetarian</i>			
▶ Banquet Speaker Only (No meal)	\$5.00 x _____ (\$5.00)		\$ _____

* Students with valid ID will have activities free, but must pay regular charge fees for the banquet.

Grand Total \$ _____

FIELD TRIPS <i>Please indicate interest and number attending.</i>	
◆ 1. Museum of the Mountain West (\$5.00 Donation)	No. _____
◆ 2. Ute Indian Museum (\$3.50 Adults/\$3.00 Seniors)	No. _____
◆ 3. Flint Cave and Moore Site - 4WD	No. _____
◆ 4. Shavano Rock Art Site	No. _____

2008 RAFFLE

COLORADO ARCHAEOLOGICAL SOCIETY



CAS is proud to announce the offering of an
TRADITIONAL ACOMA POT
by award winning Acoma potter Mildred Antonio

This hand-coiled polychrome olla measures 13.25 inches height and 14 inches in diameter.

This work of art is generously donated by Larry and Iris Evans, Denver Chapter.
The purchase value is \$1000 (2007).

Raffle tickets are sold by CAS Chapters to Members and to the general public
as a fund-raising event for CAS's Alice Hamilton Scholarship Fund.
CAS makes annual awards to qualifying Colorado archaeology students.

The raffle drawing will be held at 7:00 pm on September 27, 2008 during the CAS Annual
Meeting
at Holiday Inn Express in Montrose, CO. The winner need not be present to win.

Raffle ticket prices are \$3 each or 4 for \$10.

For additional information, contact Terri Hoff at 970-882-2191, tthoff@hotmail.com or
www.coloradoarchaeology.org

2008 LOVELAND STONE AGE FAIR
Featuring Displays of Prehistoric Artifacts
Saturday, September 27 - 9:00 AM to 7:00 PM
Sunday, September 28 - 9:00 AM to 4:00 PM
Pulliam Community Building
545 Cleveland Ave. Loveland, Colorado

Public is Welcome! Admission is FREE!
NON-COMMERCIAL
NO BUYING OR SELLING OF ARTIFACTS

Programs

Saturday, September 27, 1:30 P.M.

Mary Prasciunas, PhD
Westland Resources, Tucson, AZ
The Archaeology of the Sheaman Clovis Site

Kevin Gilmore
PhD Student, University of Denver
Franktown Cave & Paleo Environment
In Eastern Colorado

Centennial Archaeology, Inc.
The Good, the Bad, and the Ugly
An Overview of Prehistoric Pottery in Colorado

Sunday, 12:30 PM in the Auditorium
Andy Coca, Avocational Collector

Sunday, 11:00 AM in the Auditorium
Bonnie Gibson, Staff Archaeologist
Artifacts 101: Basic Artifact Identification

**** Demonstrations ****
BOB PATTEN - Flint Knapping

BOB HEID – Bead Working

More Information at www.stoneagefair.com

GREAT PLAINS PALEOINDIAN ARCHAEOLOGY

Volume 1 Number 1

Kathleen Holen & Steven R. Holen, editors

July 2007

A CHIPPED STONE CRESENT FROM NORTHEASTERN COLORADO

Steven R. Holen & Michael Terlep

The known distribution of Paleoindian chipped-stone crescents is west of the Rocky Mountains in the Great Basin, with some also being recovered in the Columbia Plateau and California (Justice 2002). Therefore, the discovery of a lunate form crescent near Sterling in northeast Colorado, by a private collector, has proved to be an oddity. From all published literature discussing the presence of crescents, it appears that this Colorado artifact is the eastern-most example in the United States.

Crescents are commonly found in surface context near ancient lake beds and streams associated with Stemmed Point Tradition and Clovis artifacts. Hypotheses as to the tool's purpose range from transversely hafted projectile points for hunting waterfowl (Tadlock 1966) to cutting knives similar to an Inuit ulu (Justice 2002). Experiments conducted by Daniel S. Amick of Loyola University in Chicago support the waterfowl-hunting hypothesis but other possible uses can not be completely dismissed (Amick 2007).

The common distribution of crescent technology is west of the Rocky Mountains. Two examples have been recovered at a site in Wyoming (Bostrom 2003). One crescent was associated with the Fenn Cache from somewhere in the tri-state boundary area of Utah-Wyoming and Idaho (Frison and Bradley 1999).

The Colorado crescent is made of a translucent light purple quartzite from the "Spanish Diggings" of the Hartville Uplift in east-central Wyoming. This artifact is 32.8 mm in length, 12.9 mm in width, with a thickness of 5.9 mm. The crescent has evidence of grinding on the concave and convex midsection of the artifact. Narrow parallel pressure flaking is present on both faces. This Colorado crescent is most like the Type I "Quarter-moon" crescents of the Great Basin (Tadlock 1966) that average 53 mm in length, 19 mm in width and 5.2 mm in thickness.

This crescent would appear to be far out of place; however, the waterfowl-hunting hypothesis may actually provide a good explanation for its presence along the South Platte River in northeast Colorado.



Fig. 1: Lunate Form Crescent, Sterling, Colorado

References:

- Amick, D. S., 2007. What were great basin chipped-stone crescents used for? Loyola University Chicago. Presented as a poster at the Society for American Archaeology, Austin Texas.
- Bostrom, P. A., 2003. Crescents, Paleo & Early Archaic. Far Western U.S. Lithic Casting Lab. <http://www.lithiccastinglab.com/gallerypages/2003juncrescentspage1.htm>. Accessed March 5, 2007.
- Frison, G., Bradley, B., 1999. *The Fenn cache: Clovis weapons and tools*. One Horse Land & Cattle Company, Santa Fe, NM.
- Justice, N. D., 2002. *Stone Age Spear and Arrow Points of California and the Great Basin*. Indiana University Press, Bloomington IN
- Tadlock, W. L., 1966. Certain crescentic stone objects as a time marker in the western United States. *American Antiquity*, 31, 662-675.

Editors Note: Michael Terlep recently graduated from Metropolitan State College of Denver with a Bachelors Degree in Anthropology. He is now working on archaeological surveys in the Great Basin.

2008 IPCAS Officers, Board Members, and major functions

President	Cheryl Damon	(303) 678-8076	cheryl_damon@msn.com
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Board Member	Rick Pitre	(303) 673-0272	rpitre9@yahoo.com
Board Member	Joanne Turner	(303) 494-7638	joanne.turner@colorado.edu

MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER

Individual \$28.50 / Year Family \$33 / Year Student \$14.25 / Year

New Renewal

Tax-Exempt Donation \$10, \$25, \$50, Other _____

NAME _____ TELEPHONE (____) _____

ADDRESS _____ E-MAIL _____

CITY _____ STATE _____ ZIP _____

Please make check payable to: Indian Peaks Chapter, CAS
Mail to: PO Box 18301, Boulder, CO 80308-1301

I(We) give CAS permission to :

Yes No disclose phone numbers to other CAS members

Yes No publish name/contact information in chapter directory

Yes No publish name in newsletter (which may be sent to other chapters, published on the internet, etc.)

CODE OF ETHICS

As a member of the Colorado Archaeological Society, I pledge:

To uphold state and federal antiquities laws. To support policies and educational programs designed to protect our cultural heritage and our state's antiquities. To encourage protection and discourage exploitation of archaeological resources. To encourage the study and recording of Colorado's archaeology and cultural history. To take an active part by participating in field and laboratory work for the purpose of developing new and significant information about the past. To respect the property rights of landowners. To assist whenever possible in locating, mapping and recording archaeological sites within Colorado, using State Site Survey forms. To respect the dignity of peoples whose cultural histories and spiritual practices are the subject of any investigation. To support only scientifically conducted activities and never participate in conduct involving dishonesty, deceit or misrepresentation about archaeological matters. To report vandalism. To remember that cultural resources are non-renewable and do not belong to you or me, but are ours to respect, to study and to enjoy.

Signature: _____ Signature: _____

CALUMET

Newsletter of the Indian Peaks Chapter
of the Colorado Archaeological Society

P.O. Box 18301
Boulder, CO 80308-1301