

CALUMET

CONSERVATION
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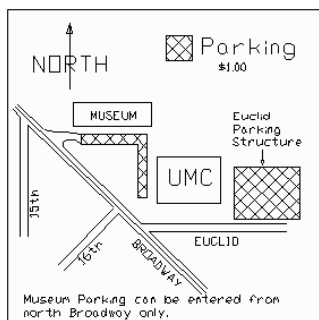
PRESERVATION
EXPLORATION



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
October, 2004

CALENDAR OF EVENTS

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



The Museum parking lot 208 is **NOW AVAILABLE** to non-permit holders, even at night.
Cost is \$2.00 per vehicle. Bring \$1 bills or quarters.

You can also park in the Euclid parking structure for \$2.00. The Euclid parking lot is east of the Museum on Euclid.

2004 Event Calendar

- October 1-4** Rock Art Tour – Newspaper Rock Area.
See Article on Page 6.
- October 7** Executive Board, The Atrium, 30th and Iris, 7:30 PM.
- October 14** **Presentation. Bob Mutaw.** Topic: To be determined.
▶▶▶ New Location – The Atrium, 30th and Iris.
- November 4** Executive Board, The Atrium, 30th and Iris, 7:30 PM.
- November 11** **Presentation. Cherie Walth.** Topic: How to recognize human bone (as distinguished from non-human bones).
- December 2** Executive Board, The Atrium, 30th and Iris, 7:30 PM.
- December 9** **Holiday Party,** The Atrium, 30th and Iris, 7:30 PM.

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October presentation Archaeological Investigations near Parker, Colorado

The Army Corps of Engineers, retained URS Corporation as a third-party contractor to prepare an Environmental Impact Statement and conduct archaeological investigations for a proposed reservoir near Parker, Colorado. Initial investigations of the site included a literature review and reconnaissance survey that led to the identification of high, moderate and low sensitivity areas for archaeological resources in the proposed project area. These areas were then intensively surveyed and historic and prehistoric archaeological sites, historic buildings, and historic structures were identified and evaluated.

A program for testing the archaeological sites was implemented, which led to the identification of significant prehistoric site that contained a human burial. An emergency data recovery program was conducted to salvage the human remains before further damage occurred and a data recovery plan was developed for the remainder of the site. This plan was executed in the summer of 2002. Activities also included Native American consultation and consultation with the SHPO to ensure compliance with Section 106 of the National Historic Preservation Act, and preparation of a Programmatic Agreement.

Bob Mutaw is currently the Cultural Resources Team Leader for the Denver Office of URS Corporation. He has over 25 years of archaeological experience and has worked from Alaska to Georgia. Most of his experience has been on the High Plains, especially within Colorado. His first experience in Colorado was in 1980 with the Dolores Archaeological Project. He is past-president of the Colorado Archaeological Society and currently serves on the Board of Directors and is also a Director for the Colorado Historical Society.

Rock Art Tour, October 1-4

Like last year, I'll go a day or so ahead and try to secure enough space for camping around Newspaper Rock for our group. I'd like the group to gather on October 1st (Friday). We'd then spent a day (Saturday) seeing sites along Indian Creek west of Newspaper Rock. There are many good sites there. The second day (Sunday), we'll drive south through Monticello and Montezuma Canyon where again there are many good sites. These sites are generally much easier to get to than those on Cedar Mesa. They are also mostly rock art, with few ruins.

Also like last year, I plan to stay after the field trip (Monday) and those who have more time are welcome to tag along to find sites that I haven't visited (there are a bunch). There are no restrictions on number that I know of, but less than 20 would make getting to the sites more efficient. We've had great groups the past 2 years and I look forward to another one. I'm happy to hear suggestions and talk with interested people about the trip. Either by phone at (303) 530-7727 or email at morey.stinson@comcast.net.

Ancient skeleton found in submerged cave

Friday, September 10, 2004 Posted: 10:03 AM EDT (1403 GMT)

MEXICO CITY, Mexico (AP) -- Divers making dangerous probes through underwater caves near the Caribbean coast have discovered what appears to be one of oldest human skeletons in the Americas, archaeologists announced at a seminar that was ending on Friday.

The report by a team from Mexico's National Institute of Anthropology and History exploits a new way of investigating the past. Most coastal settlements by early Americans now lie deep beneath the sea, which during the Ice Age was hundreds of feet lower than now. Researchers at the international "Early Man in America" seminar here also reported other ancient finds -- including a California bone that is a rival for the title of the oldest in the Americas.

The discoveries fall close to the start of the time that traditional theories say a so-called Clovis culture could have moved from Asia to Alaska over a temporary land corridor that began to open about 13,500 years ago.

Many academics argue that new discoveries, especially in South America, prove the Clovis people found existing inhabitants, who may have arrived by hop scotching past the northern ice fields in small boats. Arturo Gonzalez said his team discovered at least three skeletons in caves along the Caribbean coast of Mexico's Yucatan Peninsula in 2001 and 2002. Photos showed two remarkably well preserved.

"It's something that I had been dreaming of for many years," said Gonzalez, 39, who has combined diving and research since he was a teenager. "To find a person who had walked those caves was like a treasure." Gonzalez said the bones must date from before the time that waters gradually seeped through the caves 8,000 to 9,000 years ago as Ice Age glaciers melted and sea level rose by about 400 feet worldwide.

Tests on charcoal found beside one female skeleton would place it at least 10,000 years ago. An expert at the University of California, Riverside, dated it as 11,670 radiocarbon years old -- which would translate to well over 13,000 calendar years. If confirmed, "that would be the oldest" radio carbon date in the Americas obtained from a human bone, said archaeology textbook author Stuart Fiedel. Fiedel, a defender of the "Clovis first" school, said the oldest estimate for the cave find still fits the Clovis time frame, though narrowly.

Larry Murphy, chief of the Submerged Resources Center for the U.S. National Park Service, said in a telephone interview that the Mexican exploration was "one of the first systematic studies of human materials associated with a submarine cave." The discovery helps prove that humans inhabited the Yucatan at least 5,000 years before the famed Maya culture began building monuments at sites such as nearby Tulum. Gonzalez said the skeleton did not appear to be Mayan, but with no tools yet found, almost nothing is known of those first inhabitants.

Gonzalez said cave divers had sometimes mentioned seeing skeletons and he convinced skeptical officials to finance a survey of the water holes that dot the Yucatan, a limestone shelf. Extensive, flooded caves wind off from some of those holes. Many were above ground during the Ice Age and Gonzalez speculated people may have used them as paths down to fresh water.

Gonzalez said the oldest find was made 404 yards into a cave, more than 65 feet below sea level, during expeditions that can be extremely dangerous. It took repeated trips to record the sites and excavate the bones, which then required two years of preservation.

Team co-director Carmen Rojas said the divers had 40 minutes to wind their way through the cave to the site, 20 minutes to work there and 40 minutes to swim back, followed by 20 to 60 minutes of decompression time. "You train five years for those 20 minutes," she said.

Meanwhile, John Johnson of the University of California, Santa Barbara, said an elaborate restudy of a woman's femur found on Santa Rosa Island in California's Channel Islands established a calendar-year age of 13,200 to 13,500 years. It had been calculated at about 1,000 years less when found in 1959.

Both discoveries would be significantly older than the skeleton known Kennewick Man -- 9,300-year-old paleoindian remains found by teenagers along a Washington state riverbank in 1996.

Until now, the Americas have produced only 25 bones or skeletons dated as more than 8,000 years old, said Silvia Gonzalez of John Moores University in Liverpool, England. But she told the conference that she would soon publish a paper establishing that humans occupied a site near Puebla east of Mexico City 21,000 to 28,000 years ago.

**COLORADO ARCHAEOLOGICAL SOCIETY
ANNUAL MEETING
DURANGO, COLORADO
October 8-10, 2004**

SCHEDULE

FRIDAY, OCT 8	Board Meeting: Strater Hotel	6:00 Social Hour/Cash Bar 7:00 Dinner and meeting
SATURDAY, OCT 9	Fort Lewis College Center for Southwest Studies, Lyceum Room Student Union Ballroom	8:00 Registration 9:00 Welcome by Dr. Andrew Gulliford 9:15 Presentations & Papers 12:15 Lunch on your own 1:30 Presentations & Papers 3:30 General Membership Meeting 4:30 End BANQUET: 6:00 Social hour/open bar 7:00 Dinner & speaker: Ken Wright
	Student Union Ballroom	Alice Hamilton Scholarship Silent Auction
SUNDAY, OCT 10	Field Trips, Meet at Santa Rita Park	9:00 Aztec Ruins or Ridges Basin

For more information, call **Andy Simon**, Pres., SJBAS 970-749-2927; or Mark Gebhardt, 970-247-1223

SILENT AUCTION - OCTOBER 2004

Want to make a contribution to the future of Colorado archaeologists? All proceeds from the Silent Auction at the annual CAS meeting - this year, in Durango, October 8-10, go directly to the Alice Hamilton Scholarship Fund. The Scholarship monies are generated by donation and through fundraising activities at the state organization and local chapter levels. Students enrolled at a Colorado institution of higher education in archaeology or related fields, may apply for a scholarship to further their education or to pursue an archaeological project. Here's an easy way to help out - donate an item(s) to the Silent Auction! Artwork, photographs, antiques, jewelry, handmade arts and crafts, books (Colorado, Southwest, Archaeology, Rock Art), CDs, videotapes, or whatever else you want to donate to a worthy cause. You can also make a cash donation.

Bernie and I will be attending the Annual Meeting, and we can take your donations with us (not too large please!). We'll be at the PAAC class Wednesdays, Sept. 22 and Sept. 29 at the Foothills Nature Center on North Broadway if you want to drop off something then. Or contact another officer or board member. Or, if you will be attending the Utah Rock Art Tour with Morey and Janet, bring donations along. Bernie and I will be there, can pick up the items and take them on to Durango.

Thanks, fellow IPCAS members, for your generosity! Call me (970-586-8982) if you have any questions.
Kris Holien

CONFERENCE EXCURSIONS

October 10, 2004

As a follow-up to the Colorado Archaeological Society's 2004 Annual Meeting, two field trips are scheduled. Both will be on Sunday morning, October 10th; one of these will be to Aztec Ruins National Monument, about 35 miles south of Durango, and the other will be a visit to Ridges Basin, a short distance southwest of Durango.

These two outings are intended to give the conference participants some glimpse of the rich cultural diversity of this area. Both destinations are to places frequented by the Anasazi and their Archaic predecessors, then later by Ute and Navajo people. Both sites are situated along the Old Spanish Trail, the historic route connecting the Santa Fe area with the Spanish missions of California.

The visit to Aztec Ruins National Monument will be a two-part affair. We'll first visit the Aztec Ruins Museum in the headquarters building. There we hope to see a short video presentation concerning the Pueblo II/III occupation of the site, along with a brief discussion of pioneer archaeologist Earl Morris' work at Aztec in 1916-1921 and 1934.

We'll then tour the Aztec West ruin, the large stabilized structure and adjacent great kiva that is open to the general public. The second half of this trip will be a visit to the restricted area on the mesa north of Aztec. There, Theresa Nichols, Aztec's Chief of Visitor Services and Resources Management, will give the group a special tour of the currently undeveloped Chacoan-type features of the National Monument.

We'll also participate in a discussion of the potential impact of residential development on the cultural remains of the locality. Following the visit to Aztec Ruins National Monument we plan to gather for a group luncheon at one of the nearby restaurants. And, for those who wish to see a bit more of the local attractions, perhaps we can arrange a visit to the Aztec Museum, the community's historical establishment.

The Ridges Basin excursion will be to an area that will eventually be flooded by the waters of a large reservoir in the area encompassed by the Animas-La' Plata Project. This Federal project is intended to provide water for several local communities and to settle certain Indian water claims, with water from the Animas River.

The water is to be pumped into a higher valley and impounded by a dam to be built near the mouth of Basin Creek. The area to be flooded, Federal land that was formerly set aside as a wildlife preserve, is being studied and excavated by SWCA Environmental Consultants, with construction activities taking place at the same time.

Current and previous archaeological studies in the area demonstrate that Ridges Basin was intermittently occupied for long periods of time. Occupation included residence by Basketmaker people, from about 1000 BC to AD 500, by Ute and possibly Navajo tribes subsequently, and still later traversed by Spanish explorers and then by historic ranchers and miners.

Archaeologist Doug Bowman will give our group a tour of sites in and adjacent to the area to be flooded, and will discuss the prehistory of Ridges Basin. After this trip there will be a group luncheon at the Doubletree, one of Durango's finest restaurants.

Both the Aztec and the Ridges Basin sites are on or near paved roads, and 4WD or high clearance vehicles will not be needed for access, although we will encourage the trip participants to carpool or double up in suitable cars.

Both excursions will depart from Durango's Santa Rita Park at 9:00 AM Saturday. Maps showing the location of this park will be distributed at the CAS Annual Meeting. There will be a brief discussion of what we expect to see and do on each trip, and sign-up sheets will be available.

CAS Annual Meeting Registration

Saturday October 09

(Please type or print)

Last Name _____ First Name _____

Last Name _____ First Name _____

Chapter affiliation _____

Mailing address _____

City _____ State _____ Zip _____

Day phone _____ Evening phone _____

E-mail address _____

Advance registration is due **by September 28.**

Member	\$15.00x _____ person(s) = \$ _____
Late (after September 28)	\$18.00x _____ person(s) = \$ _____
Student	\$ 9.00x _____ person(s) = \$ _____
Late	\$12.00x _____ person(s) = \$ _____
Nonmember (before September 28)	\$17.00x _____ person(s) = \$ _____
Late	\$20.00x _____ person(s) = \$ _____
Banquet (Sat. Oct 09)	
Buffet of Chicken, and vegetarian	\$18.00x _____ person(s) = \$ _____

Total enclosed = \$ _____

Do you plan to go on a field trip? Yes No

If Yes, can you take passengers? Yes No

If no, would you like a ride? Yes No

Please mail your check payable to **SJBAS** and this form to:

Mark Gebhardt
107 St. Andrews Circle
Durango, CO 81301

If you have any questions please call Mark Gebhardt at 970-247-1223 or e-mail: mark@virtbiz.com

Executive Board Meetings

Executive Board Meeting - Thursday, August 5, 2004

Meeting called to order at 7:30 PM at The Atrium in Boulder.

Attendees: Cree, Damon, Gleichman, Holien, Pitre.

Secretary's Report (Damon acting): No May minutes available; no Board Meeting in June or July.

Treasurer's Report (Pitre): Account Balance as of July 31, 2004 is \$2338.06. 1 membership renewal.

Presidents' Report (Damon and Holien): Damon will be contact for Fall PAAC class registration and to coordinate use of Foothills Nature Center. Class will be "Intro to Archaeology" taught by Kevin Black on Wednesdays in September from 6:30-9:30 pm. Damon reported on planning for Picketwire Canyon field trip on Sunday, October 24. Tour would begin with a 30 minute long introductory movie at the ranger station. Cost will be \$15 per adult; 20 people minimum. High clearance 4WD vehicles will be necessary. An additional site visit may be organized for Saturday.

Holien attended CAS Quarterly meeting in Glenwood Springs on July 24, and the Sunday morning field trip by Larry Wood from the Roaring Fork Chapter in the Wolcott area to a tree platform, vision quest site and rock art site. Eight students received 2004 Alice Hamilton Scholarship Awards - 3 are from CU Boulder. They may be available as speakers at a future date. The Annual CAS Meeting is scheduled for October 8-10 in Durango on the Fort Lewis College campus. Items are needed for the Silent Auction - Holien will be contact and will deliver the items collected to Durango. Holien will also be contact for the sale of raffle tickets for a donated painting of Bone Awl House. Monies raised from Silent Auction and the Raffle support the Alice Hamilton Scholarship Awards fund. Tentative sites for upcoming annual meetings are Alamosa in 2005, Cortez in 2006 (coincides with the Centennial celebration at Mesa Verde) and Denver in 2007.

Old Business: Damon will check on the status of chapter awards. Gleichman needs to return to Big Rock Spring (5BL18) site for mapping and possibly more screening. Gleichman reminded the Board the High Altitude exhibit and the Chapter's Rock Creek trunk are still missing. Holien continued work on index of Archives and remnants of library. There is a CAS proposal out to post on internet the index of library resources from individual participating chapters.

New Business: Holien volunteered to participate in a new state-wide committee, CAS Scientific Activities, which is assessing member interest in creating a "rapid response" team to assist private landowners in documenting their archaeological sites. Nickname for this team is "Pot Shots". The Board approved Holien's proposal to check into the cost of obtaining a Web site designer.

Open Floor: Gleichman reported he would be re-visiting the Rock Creek site with Ferguson. The Board expressed interest in also re-visiting the site as well as a tour to White Rocks. Gleichman advised he could arrange a tour of White Rocks and current level of deterioration/vandalism could be documented.

Meeting adjourned at 9:00 PM. - Kris Holien, IPCAS President - Secretary Pro Tem

2004 IPCAS Officers, Board Members, and major functions

CO-President	Cheryl Damon	(303) 678-8076	cherdam@cs.com
	Kristine Holien	(970) 586-8982	kjholien@aol.com
Secretary	Piper Herron	(303) 988-0814	codirtnerd@comcast.net
Treasurer	Rick Pitre	(303) 673-0272	rpitre@kryos.colorado.edu
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CAS Representative	Open		
Board Member	Michael Braitberg	(303) 443-7190	mbraitberg@sugarloaf.net
Board Member	Jeff Ferguson	(720) 890-2708	fergusonjeff@hotmail.com
Board Member	Jo Morgan	(303) 938-9208	jlmnow2003@yahoo.com
Board Member	Russell Smith	(303) 776-5503	rdsmith@lanminds.net

Please check the chapter web-site at: <http://www.indianpeaksarchaeology.org>

MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER			
___ Individual	\$28.50 / Year	___ New	_____ Date
___ Family	\$33 / Year	___ Renewal	
___ Student	\$14.25 / Year, with Calumet delivery by e-mail		
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		
When you join or renew you will receive the <i>Calumet</i> , our monthly newsletter, and <i>Southwestern Lore</i> , the quarterly publication of the Colorado Archaeological Society.			

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