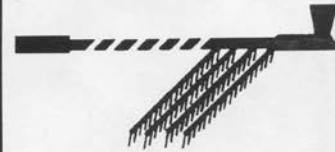


Sept 1995, Vol 3, No 7

# CALUMET



*Newsletter for the Indian Peaks Chapter of the Colorado Archaeological Society*

## SCHEDULE OF EVENTS

**Sept 6, 12, 20; Oct 4, 10, 25; Nov 1 / Fall PAAC Classes, "Principles of Excavation"** by Kevin Black. To register call J or M Stinson, 530-7727. (See July Calumet p. 3)

**Sept 16 / Field Trip to Rollins Pass Game Drive.** To register Call Cheryl Damon, 678-8076. (See article this issue)

**Sept 19 / IPCAS Board of Directors Meeting, 7:30 p.m.,** Boulder Police Bureau, 1805 33rd Street, boulder.

**Sept 26 / IPCAS General Meeting, "Korean Archaeology - Burial of the Silla Queens";** slide and lecture presentation by Sarah Nelson, 7:30 p.m., The Meeting Place, Crossroads Mall.

**Oct 6 - 8 / State CAS Annual Meeting, CAS 60th Anniversary.** Montrose, CO. Hosted by the Cipeta Chapter, Symposium on Oct 7, "Formative Cultures of the West". Banquet speaker - Dr Larry Agenbroad, Northern Arizona

**September - October / Denver CAS Swallow Site** excavations on all weekends. Volunteers welcome. Call Bill Hammond, 303-333-2984.

**September 5 - October 14 / Experienced crew members** needed for archaeological survey at the Pinon Canyon Maneuver Site, S.E. Colorado. Room, board and pay provided. Ten day commitment required. Call Larry Loendorf 406-444-2624 (MT), 505-522-7439 (N.M.)

**October / Volunteers needed for documentation and** stabilization program at the Sierra Ancha Cliff Dwellings, in central Arizona, in "beautiful, rugged canyon country". Backpack in and out. Call Rich Lange, Arizona State Museum, (w)520-621-6275, (h)520- 325-7754.

## BE HERE THEN

After a field season of unpredictable weather, the hunters are home from the mountains and plains with sore backs and sunburned necks, and a massive volume of samples and data to analyze over the winter.

Jean Kindig's preliminary report on the results of the Devil's Thumb excavation is included in the edition of the Calumet.

On Bonnie Pitblado's excavation at Caribou Lake, IPCAS member Warren Bradshaw won the promised bottle of champagne for finding a perfect Paleo projectile point in-situ. Congratulations Warren, can't wait to see the pictures!



Many thanks to all the IPCAS volunteers who helped out at West Stoneham, Comanche Creek, Devil's Thumb and Caribou Lake, and thanks to the folks who helped organize volunteers, especially Tom Cree.

But wait, the field season isn't entirely over yet. See the calendar for further opportunities this Fall.

If you plan to do more excavation work in the future you simply must take advantage of the upcoming PAAC Classes on "Principles of Excavation". This is a rare opportunity, as the class has not been given in Boulder for at least the last five years, and the instructor, Kevin Black, is one of the best in the field.

CONSERVATION PRESERVATION EDUCATION EXPLORATION

If you weren't able to make the climb to Devil's Thumb or Caribou Lake, and have always wanted to see a high altitude game drive without having to labor a 2,000 foot climb, then don't miss the field trip on September 16th to the Rollins Pass Game Drive. See the related article in this issue.

Alert! Here's a very serious item in the coming month's agenda. The election of new officers will take place at our November general meeting, and the chapter needs YOU to fill positions on our Board of Directors to guide the group and perform the business functions of the chapter through the coming year. Yours truly will be stepping down as President, as will other officers after years of service, and candidates must be found. If you are interested in serving give me a call at 443-4414.

Our new Treasurer has just issued his first formal report, which concludes that our current account balance is a healthy \$3,990.45.

You've probably received the recent letter from Bob Mutaw, CAS President concerning the need to express your opinion to our Senators and Representatives, especially Mr Campbell, about the importance of continuing to support programs which protect cultural resources. Please write Senator Campbell, as suggested in Bob's letter, at 380 Russell Senate Office Building, Washington, D. C. 20510. This is very important!

Also, as Bob has appealed, ask a friend to join CAS. CAS must expand its membership if we're to continue to be effective in promoting the preservation of our cultural heritage!

Finally, it's almost time to begin our IPCAS general meetings again. We'll be getting together next on September 26th at the Meeting Place in Crossroads. Looking forward to seeing you then. **P.S. Bring a friend.**

Steve Montgomery, President

## ROLLINS PASS FIELD TRIP

### SEPTEMBER 16, 1995

High altitude game drives are a phenomenon unique to our region of the Rockies. The game drive system on Rollins Pass is especially provocative because of its size and complexity, and because of the very visible architectural remains of cairns, rock walls, and hunter's blinds which make the functioning of the ancient system very clear.

On September 16th we'll meet at 9:00 A.M. at the King Soopers parking lot in the Table Mesa Shopping Center in boulder, where we'll consolidate everyone into the avail-

able 4-wheel drive vehicles. then we'll drive to Winter Park and up the Rollins Pass Road, where we can park and hike an easy 1/8th mile to the nearest portion of the game drive.

Archaeologist Jean Kindig will be coming with us to explain the function of the game drive.

We'll eat lunch at the Divide and then hike down the ridge of the Divide to see other parts of this extensive site. We'll probably leave the site about 4:00 P.M. and be back in Boulder no later than 7:00 P.M.

This a full day trip. Plan on any kind of weather.

Bring clothes for warmth and rain (or snow?), lunch, smacks, water and a camera. Leave your pacemakers at home. This is an easy hike.

Call Cheryl Damon at 678-8076 to register for the trip, and call now as attendance is limited to 25 persons.

## PUBLICATION ON WOMEN IN ARCHAEOLOGY

### IN PROCESS --- INPUT SOUGHT

**Women in Archaeology: The Classical World and the Near East** is a work in progress being edited by Getzel Cohen (University of Cincinnati) and Martha Sharp Joukowsky (Brown University). It will consist of a series of biographies on the lives and professional achievement of women pioneers, worldwide, who were prominent in the field of archaeology.

The editors (AIA Newsletter, Archaeological Institute of America) are seeking information about such scholars and are grateful for input. Their present list is extensive and includes archaeologists as well as art historians, epigraphists, numismatists and others who have worked behind-the-scenes.

Please let us know if you have any ideas. Contact Getzel M. Cohen with your suggestions: Institute for Mediterranean Studies, 7086 East Aracoma Drive, Cincinnati, OH 45237, (513) 556-1951; FAX (513) 631-1715

Reprinted from AIA NEWSLETTER, Vol 10, Number 4, Summer 1995



## IPCAS EX BD MTG

July 18, 1995

Attendees: Steve Montgomery, Michael Landem, Cheryl Damon, Kristine Holien, Dick Owens, Laura Viola, Maureen Arthur.

\* May minutes approved.

\* Treasurer's Report:

Rock Creek - payment from SHF still pending.

\* President's Report - Old & New Business:

1. BLM Teacher Training, revised date from August '96 to April '96. To be held in Boulder.

2. Annual Encampment reminders sent in June. Information concerning scheduled fieldtrips will be sent in July.

3. High Altitude Field Trip - Sept 16, Cheryl Damon has volunteered to coordinate.

4. Ed Grefrath has resigned as newsletter editor - THANKS ED, for all your efforts patience and time. You will be missed. Anyone interested in this position should contact Steve Montgomery.

### 5. Nominating Committee for 1996 Officers needed!

#### IPCAS openings for President, Secretary and Newsletter Editor.

6. Replacement for Forest Archaeologist position following John Slay's resignation. Position has been frozen at this time. Letters of concern may be sent to

#### SKIP UNDERWOOD

#### Arapahoe-Roosevelt National Forest

240 W. Prospect Road

Fort Collins, CO 80526

With no one in this position implementation of the National Historic Preservation Act is of great concern.

\* Additional business - Motion made/passed to expend \$300 on 40 posters for resale. These quality posters will be for sale soon!!!

Submitted by Maureen Arthur, Secretary ✓

## PRELIMINARY REPORT ON 5BI102

The Devil's Thumb site, originally recorded by James B. Benedict in 1969, was reevaluated when ceramics were found in the summer of 1994 and excavated on August 14 - 18, 1995 by eight crew members.

Dave Pearson, Jane Wodening, and Michael Kenny participated all week, and Joyce Gellhorn, Randy Leever, Ken Sheldon, Bob Bentz, and Corwin Bell participated part of the week.

The crew excavated five 1x1 m. squares over and around a hearth and six one quarter squares over an area of concentrated ceramic shards.

The hearth, with a carbon-14 date of 250 +/- 60 B.P. proved to be shallow. There were approximately 35 lithic flakes in the immediate area and a 1.5 m. granite slab "seat" nearby. A projectile point was found in-situ one meter from the hearth, but buried below the level of charcoal. There appears to be no association between the hearth and the point.

The Archaic point appears to be similar to a Gatecliff Expanding Stem or Pinto Shouldered, both styles from the Great Basin.

A projectile point was collected from the surface during survey 15 m. east of the hearth. This point is similar to one described as type K from the Lodaiska Site in the foothills near Morrison, CO. It has a stemmed base 10 mm wide and 5 mm long, with upward sloping shoulders. The tip is broken off, but the estimated length is 3-5 cm. It is likely this is representative of a transition point between atlatl dart and bow and arrow.

The ceramic site produced over a hundred shards in the alpine turf and sandy loam within 5 cm. of the surface. There was a heavy concentration of shards within one excavation unit. The ceramic shards are plain, dark grey-brown to black, 1-3 cm. fragments, approximately 4-5 mm. thick with visible temper. No rim or basal shards were recovered and only one shard has a noticeable curve.

All artifacts are bagged and recorded. Maps, field specimen sheets and notes were kept by crew members and turned in to the PI at the end of the investigation.

The unit was backfilled and the vegetation which had been separated during the screening procedure and kept moist during the week was placed back over the disturbed area.

It is the intent of the crew to monitor the re-vegetation of the site.

Jean Kindig, Principal Investigator



## CATALOGING TUT'S DUDS

When Egyptologist Howard Carter uncovered the tomb of the Pharaoh Tutankhamen in 1922, it was the brilliant gold of the funeral mask and other artifacts that awed the world. But the tomb also contained wooden chests filled with the boy king's clothes and footwear.

Along with most of the rest of the treasures, the bulk of the textiles, some reduced to dust, ended up in a storeroom at the Cairo Museum.

When Carter died in 1939, his Tutankhamen archive, including 1,500 photographs, many drawings and 2,500 note cards documenting the textiles, was deposited at the Griffith Institute at Oxford University in England. And there the materials sat for more than five decades, virtually forgotten by all but a few scholars whose general opinion was that nothing could be done because of the supposed poor state of the textiles and the difficulty in obtaining access from the cautious Egyptian authorities.

But in 1991 a friend urged Gillian Vogelsang-Eastwood, a textile archaeologist in the Netherlands to take a look at Carter's notes. At the time she was writing a book on Egyptian clothing and how to identify it. When she began examining the material, she was incredulous. Here was outstanding documentation of the only surviving clothes of the most famous Egyptian king, and yet nobody was working on it.

"I went out and demanded a cup of tea," she recalled in a phone interview. "Then I walked around Oxford for a couple of hours thinking, 'No, I'm not going to do this.'"

But she and her students at the Stichting Textile Research Center at the National Museum of Ethnology at Leiden in the Netherlands have identified and cataloged about 80 percent of the surviving wardrobe of Tutankhamen, the boy who became the ruler of Egypt at age 9 and died unexpectedly and inexplicably just nine years later in about 1324 B. C.

Among the many textiles are 145 loincloths, 12 tunics, 28 gloves, about 24 shawls, 15 sashes, 25 head coverings and four socks, which had separate places for the big toe so that they could be worn with the 100 sandals, some worked in gold. There are also one golden and one beaded apron, real leopard skins and even one faux leopard skin woven of linen with appliqued spots. The tomb contained a belt and tail of gold and lapis lazuli and sleeves with winglike flaps that Vogelsang-Eastwood thinks were worn to imitate the

wings of gods and goddesses. The catalog is to be published next year.

### 1 'Tremendous importance'

"The project itself is of tremendous importance," said Emily Teeter, an Egyptologist and assistant curator at the Oriental Institute Museum at the University of Chicago.

"The Tutankhamen clothing is really the only major group of royal clothing we have. It is one thing to look at the many paintings of these people, but knowing the type of the fabric, how the clothing hung and the colors is going to tell us a tremendous amount about how these people looked."

Rosalind Janssen, an assistant curator at the Petrie Museum at University College London, said the main importance of the work was that it would provide a counterpoint to what was already known about the wardrobes of ordinary people in ancient Egypt.

Early in the project Vogelsang-Eastwood went to the Cairo Museum to try to see the king's garments, a few of which had been on display there for decades. After earnest discussions with her Egyptian colleagues, she was led into a storeroom filled with chests and boxes of the clothing.

### 1 First glimpse

There, she said, she found many of the clothes still in the boxes in which Carter had placed them. A few fragments of clothing lay on a copy of the Egyptian Gazette, an English language newspaper, dated Dec 22, 1922 -- six weeks after the discovery of the tomb.

Although encouraged by the state of preservation of most of the clothes, she is distressed by their worsening condition. Some had decayed considerably by the time Carter discovered them. The weight of the gold and beads on the clothing had torn some apart; other textiles were probably damaged by the messy repacking done by the ancient necropolis

guards after the tomb was twice penetrated by robbers shortly after Tutankhamen's death. Primarily because of a lack of money and other priorities at the Cairo Museum, the textiles have not yet been properly conserved.

"I'm scared that if nothing happens soon they'll be gone in 15 years," said Vogelsang-Eastwood, who is trying to raise money for a textile conservation laboratory at the museum.

By Brenda Fowler, The New York Times.

Reprinted from The Denver Post, 7/26/95.



## CONSTRUCTING CALENDARS: Its about time

By Susan M. Collins, State Archaeologist

The Office of Archaeology and Historic Preservation (OAHP) is striving to create a more precise calendar for Colorado's distant Past. Under the leadership of OAHP Information Management Director Meg Van Ness, student intern Angela Raynes is compiling data from the technical "gray literature" and from questionnaires circulated among practicing archaeologists statewide.

This absolute dating project is the first attempt at a statewide synthesis of data since the Resource Planning Protection Process (RP3) generated overview "context" volumes in the early 1980s. The context volumes organized information about Colorado's historic places by time space, and theme.

In archaeology, absolute dates can be related to our own calendar, while relative dates are simply "earlier than" or "later than" statements. Relative dates derive from position in the ground -- that which is higher is generally younger than more deeply buried items -- or from stylistic comparisons. Absolute dates, on the other hand, result from the analysis of samples that reflect measurable cycles of nature.

**Dendrochronology, or tree-ring dating**, is the most precise absolute dating method used in Colorado, though its application is limited to the arid Southwest, where annual tree-ring growth patterns fluctuate markedly based on variations in moisture and temperature. By overlapping annual growth patterns back in time from sections of living trees through architectural wood found in historic buildings to wood specimens found in archaeological sites, dendrochronologists have established a master calendar of tree ring sequences that can be used to date wood samples to the precise year of cutting. This technique makes archaeological wood with identifiable rings a most precious scientific find.

Radiocarbon or Carbon 14 dating is slightly less precise, but has wider application, since this absolute dating method can be applied to any small piece of organic matter. This technique derives from the fact that all living creatures contain a small amount of radioactive carbon, which degrades after death at a very slow but predictable rate. To obtain a radiocarbon date, the residual radioactivity of carbon molecules is measured several times, and the average is converted to a date in years "Before Present", with a likely range of error always shown.

Finally, archaeomagnetic dating is possible because the earth's magnetic North Pole has wandered, and specialists have mapped these movements through time. When iron-bearing clay soil is heated, as in a campfire, the magnetic

particles align to the existing position of magnetic north, when the baked clay soil cools, the particles are "frozen" in position. Hundreds or thousands of years later, carefully removed and mapped samples can be examined to relate the configuration of iron particles in the site against charts of past magnetic north positions. A date results from the comparison between iron particle alignment and known positions on the magnetic North Poles's journeys.

Since the development of dendrochronology in 1929, archaeologists have produced more than 12,000 dates for Colorado, spanning 11,000 years of human occupation. The OAHP absolute dating project will provide a usable and complete synthesis of this information.

Reprinted from Colorado History News.

## AIA E-MAIL LIST Computerized Bulletin board

If you are interested in archaeological matters, please join the AIA List and participate in the electronic discussions. The AIA List is open to any and all, members or not, amateurs and professionals, and is intended to facilitate discussion of the broadest possible range of archaeological issues, but we are especially eager to provide a forum for discussions of technical and computer questions.

\* For those who have not yet joined the AIA's E-mail list, the sign up process is very simple.

\* Just send a message to [majordomo@brynmawr.edu](mailto:majordomo@brynmawr.edu).

\* The message should say: **subscribe AIA-L** followed by a space and your full name (inclusion of your full name is optional).

\* You should then receive a welcome message.

\* If you not receive a message, send mail to [neiteljo@cc.brynmawr.edu](mailto:neiteljo@cc.brynmawr.edu).

\* All submissions should be sent to [AIA-L@brynmawr.edu](mailto:AIA-L@brynmawr.edu)

\* To remove your name from the list, just send the message: **unsubscribe AIA-L**.

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**MEMBERSHIP APPLICATION**

Please check :  Individual \$25/yr  New  
 Family \$28/yr  Renewal  
Date: \_\_\_\_\_  
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Telephone \_\_\_\_\_

Please make check payable to: Indian Peaks Chapter, CAS  
Mail To: P.O. Box 18301, Boulder, CO 80308-1301  
To receive membership card & roster, enclose a stamped, self-add envelope.

When you join the Indian Peaks Chapter of CAS, you will receive our monthly newsletter, **The Calumet**, & the CAS quarterly Magazine, **Southwestern Lore**. You will be informed of recent developments in Colorado Archaeology as well as field surveys to locate and record archaeological sites, travel opportunities to places of archaeological interest, courses and workshops in archaeology, and monthly meetings featuring guest speakers.

**THE CALUMET INDIAN PEAKS CHAPTER**

**CALUMET**

*Newsletter for the Indian Peaks Chapter  
of the Colorado Archaeological Society*

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