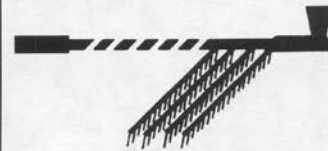


Sept 1994, Vol 2, No 7

CALUMET



Newsletter for the Indian Peaks Chapter of the Colorado Archaeological Society

SCHEDULE OF EVENTS

Sept 5 - 30 / Magic Mountain excavation, (July Calumet, pg 3).

Sept 15 / PAAC Class begins. "Basic Site Surveying", taught by Kevin Black. Note: Class is not full.

Sept 27 / Indian Peaks CAS General Meeting, Speaker: Doug Bamforth, "Investigation at the Windy Ridge Quarry".

Oct 6 - 8 / Great Basin Conference in Elko, NV.

Oct 28, 29, 30 / 1994 CAS Annual Meeting and Symposium, (in Boulder), on High Altitude Archaeology.

Oct & Nov / Comanche Creek survey continues, (See article).

Nov 2 - 5 / Plains Anthropological Conference in Lubbock, TX.

Denver CAS Meeting:

Sept 21 / "New discoveries in Northeast China", Professor Sarah Nelson, DMNH, Ricketson Auditorium, 7:00 pm.

OTHER EVENTS:

Sept 29 - Oct 2 / Friends of Archaeology, DMNH, Field trip to the Alibates Quarry, Antelope Creek Focus sites, and Blackwater Draw Clovis type site. Tour leader, Jim Dixon, Curator of Archaeology, DMNH. Cost is \$397 FOA members, \$440 non-members. Includes transportation, hotel, box lunches. Call Ann Beck, DMNH, 370-6368.

IPCAS GENERAL MEETING

Sept 27, 1994, 7:30 P.M. "The Meeting Place", (See Note below), 1600 28th Street, Boulder.

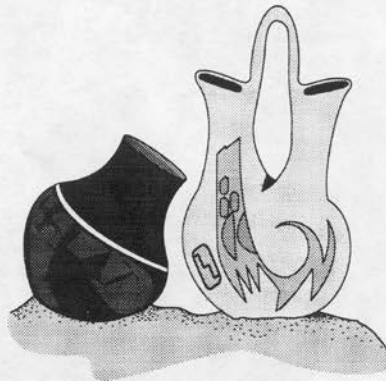
Slide and Lecture Presentation by Doug Bamforth, CU Professor of Archaeology, on "INVESTIGATIONS AT THE WINDY RIDGE QUARRY"

The Windy Ridge Quarry, located in Middle Park, Colorado was a major lithic source for the prehistoric people of our entire region.

Doug conducted the work of the 1993 CU Field School which, in conjunction with the Forest Service, investigated use of the quarry and the surrounding area by the early Native Americans. Doug will discuss some of the results of these studies.

NOTE: SPECIAL DIRECTIONS FOR MTG

The regular space that we've been meeting in at Crossroads will be under renovation for the next several months, so an alternative space close by in the Mall is being provided. Come to the regular space for directions, or go straight to the alternative space: inside the Mall between Payless Shoes and Montgomery Ward, near the hall leading to Round the Corner Restaurant.



CONSERVATION PRESERVATION EDUCATION EXPLORATION

BE HERE THEN

Many IPCAS members participated in excavations and surveys this summer and got their first taste of archaeological discipline, probably with a professional supervisor looking over their shoulder reminding them to go slow, record meticulously, and straighten up that balk!

I've got to applaud the patience of those professionals (Pete Gleichman, Bob Brunswig, Chris Prillwitz, and Doug Bamforth) who have let us work with them and tried to channel our passion for prehistory into the disciplined approach of scientific study.

As our knowledge and experience deepens, IPCAS members are becoming recognized as a valuable asset who can make a real contribution to the professional practice and its relation to the general public.

The PAAC (Program for Avocational Archaeological Certification) classes is an opportunity that you can take advantage of, i.e., to refine your skills in fieldwork, your understanding of "archaeo-speak", and your knowledge of Colorado's prehistory.

"Basic Site Surveying" is one of the most informative and engaging of the 12 course series taught by Kevin Black, Assistant State Archaeologist. The class will be taught in Boulder this Fall. Morey & Janet Stinson says they have not yet reached the minimum number required to hold the class. Call 530-7727 now.

Linda Parks of Graphic Communications generously donated her creative time to design and produce that beautiful invitation and registration brochure for the CAS Annual Meeting. Thanks Linda, and thanks Ann Hayes for helping with the editing.

These invitations went out to all CAS members (+/- 1000) in Colorado. The way this works is that IPCAS finances the event (your dues - dear members) and is reimbursed by the registration fees received. We'll need about 150 registrants to break even, so please talk up the event.

We hope that the Symposium on High Altitude Archaeology will attract the general public. I encourage you to re-copy and pass out the formal announcement poster included in this issue of the CALUMET.

But most important - **BE THERE!** Some enlightening new information on high altitude prehistory will be exchanged, and directions of the state organization, will be discussed.

I'm looking forward to our first general meeting on September 27th and hearing about everyone's summer experiences. Hope you'll bring your pictures from field work and other excursions to show and tell. See you then.

Steve Montgomery

ARPA CONVICTION

The U.S. Supreme Court has denied the petition of an Indiana promoter of relic shows to review a Court of Appeals decision that sentenced him to a year in prison. The promoter, Arthur Gerber, was convicted of violating the Archaeological Resources Protection Act (ARPA). The precedent-setting judgement ruled that the act applied to artifacts illegally removed from **private property and transported across state lines**. Until the Gerber case, ARPA had been narrowly interpreted as only prohibiting the removal of archaeological resources from federal and Indian lands.

Gerber was convicted of stealing artifacts from a Hopewell burial mound near Mount Vernon, Indiana, on land owned by the General Electric Corporation. He later sold the artifacts at a Kentucky relics show. Gerber pleaded guilty but appealed on the grounds that ARPA did not apply to his case. The U.S. Seventh Court of Appeals upheld the conviction, ruling that ARPA supports state and local laws protecting archaeological resources and that the law is **not** limited to artifacts illegally removed from federal and Indian lands. Earlier this year, the U.S. Supreme Court denied Gerber's petition for a writ of certiorari. In addition to a 12-month prison term, he was ordered to pay a \$5,000 fine \$4,750 in lieu of surrendering the car he used to transport the artifacts. S.P.M.H.

Reprinted from the Sept/Oct issue of ARCHAEOLOGY.



FIELD NOTES:

Early Hunting

Remains of a 12,200-year-old butchered mastodon found buried in sediments in the Aucilla River near Tallahassee, Florida, have called into question theories about human migration to the New World. It is

generally believed that early hunters migrated across the Bering Land Bridge, occupying the American West and later the East. The mastodon, however predates any Western hunting site by 700 years.

Roman-Era Boat

A third-century A.D. Roman-Celtic boat used to transport livestock and pottery has been found in an old river channel in Gwent, Wales. A flat-bottomed oak craft more than 25 feet long, the vessel is the most complete Roman-era boat ever recovered in Great Britain.

Reprinted from the Sept/Oct issue of ARCHAEOLOGY.

PAWNEE NATIONAL GRASSLANDS

Last March at our general meeting, Dr Robert Brunswig, Jr. of UNC-Greeley spoke to us about the work he and his students currently are doing in Pawnee National Grasslands. This in turn led to scheduling volunteers to work on the South Platte Archaeological Project from July 15 to 22. Of the 440 acres currently under investigation by the SPAP, there is an incredible 62 sites per square mile. This compares comfortably with the number of anasazi sites found in south-western Colorado.

As team leader, I was joined by fellow CAS members Warren Bradshaw, Tome Cree, Russell Smith, Morey & Janet Stinson, Michael Landon, Kris Holien, Joan Ready, Cheryl Damon and Martha Patterson. What we all encountered was beyond our greatest expectations.

The area is commonly referred to as "West Stoneham Pasture". Now under the jurisdiction of the Forrest Service, it was at one time over-grazed allowing an abundance of cacti to carpet the area. As you approach this natural amphitheater from the south, your eyes are attracted to the 25 million year old rock formations on the east, north and west. On top of them are embedded fossilized mammal vertebrae. These are the rock shelters that we have come to excavate. But the area has much more than just the shelters, as Tom and Russell discovered. Together they helped contribute to the discovery of over 2500 "tepee rings" - many of which visually form an encampment. And then too there is the Playa which a geologist has determined was an ancient lake during the Pleistocene period. On a hill near the shelters is a secondary quarry site that exhibits cores, blanks and large flakes. Some of these, Dr Brunswig has determined, date back thousands of years.

Joining us were several students from UNC-Greeley. Working in teams we simultaneously excavated several rock shelters. Digging some 4 - 5 ft. in dept, we came upon an occupation layer some 4,500 years old. The layer ranged from 15 - 40 cm. in thickness. This clearly demonstrated an occupation in that shelter over a long period of time. Previous testing, according to Bob Brunswig, has proven so far 6,000 years of continuous occupation.

Among the cultural resources found were Woodland points, McKeon points (including Duncan points), Seashell bead & flakes, bone bead, pottery shards, a storage pit full of seeds, bison ribs, legbones and scapula as well as 4" molars (found by Warren), and much, much more.

In November, Dr Brunswig plans to return and speak to us about the latest finds. By then the carbon dates will be complete. Plan on attending to learn more about northeastern Colorado and the people who once lived there.

Ken Larson, VP

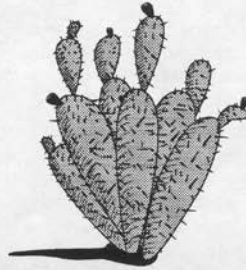
FALL PAAC CLASS

The Boulder PAAC class will be **Basic Site Surveying**. The seven week class will be held at the Foothills Nature Center, 4201 N. Broadway in Boulder.

The three hour sessions start at 6:30 pm on **Thursday, Sept 15; Wednesday, Sept 21, 28, Oct 5; Thursday, Oct 13; Wednesday, Oct 19, 26.**

The total Fee is \$17.00, (\$12.00 for the Colorado Historical Society and \$5.00 for classroom rental.

Contact Morey and Janet Stinson, 530-7727, to sign up. Ten people are required to hold the class.



IPCAS EX BD MTG HIGH- LIGHTS

8/16/94 Summary:

Attendees: Steve Montgomery, Bob Mutaw, Anne Mutaw, Bob Powell, Laura Viola, Julie Johnson, Tom

Cree, Cheryl Damon, Ann Hayes & Maureen Arthur.

* July minutes approved.

* Bob Powell - State CAS Quarterly Mtg.

PAAC fee increase to \$12.00 per course.

Discussion: Booklet printed by the Grand Canyon Trust - **Public Archaeology on the Colorado Plateau**. Note: Limited number of copies will be for sale at the Sept Mtg.

* Anne Mutaw - Annual meeting

All CAS members sent registration forms.

Symposium speakers will be given gratis dinner and registration.

Steve Montgomery to contact other Chapters to encourage participation.

* Ann Hayes - Rock Creek Education Committee Report.

Four trunks, interpreting Rock Creek site, including text, replicas, lesson plans and video are on schedule. Will be called, **The Rock Creek Trunk: Prehistoric Life in Boulder County.**

* Treasurers Report: Jeannie Hamilton.

Book sales and memberships, Bank Bal approx \$2000.

Submitted by Maureen Arthur, Secretary

COMANCHE CREEK UPDATE

The Comanche Creek Survey project has identified forty-four pre-historic sites and four historic sites. Most of the artifacts are woodland projectile points, both partial and complete. However, a projectile point with a complete base and notches, but a broken time, was found and it appears to be a Duncan point, Middle Archaic. Other Archaic artifacts have also been found.

Chris Prillwitz is the Archaeologist in charge of Comanche Creek and he has obtained permission to survey additional sections of land in the area. Chris has worked in the Comanche Creek area for five years.

On August 20, the survey team finished the newest area, mapped the site and collected the important artifacts. An additional, smaller site was discovered near the mapped site, it will be surveyed and mapped later.

In the afternoon of the 20th, the survey team discovered the remains of an Indian village. A circle of 15 stone rings was found about 1/5 mile from the site mapped earlier that day. Preliminary observations suggest that it was a winter camp. The circle is located on a south slope with the top rings below the crest of the hill (perhaps, for protection against the wind). The rings at the top appear closer together than those lower down the slope, (maybe for the same reason, shelter). This circle of rings is a very exciting discovery and may provide new information about seasonal activities.

Here are the scheduled activity dates for Comanche Creek:

September - No scheduled activities.

October - October 1, 8, and 15. All are full days which will include expansion of an existing excavation of a hearth and survey of the historic Colorado Militia - Camp Robbins. Test units will be dug in the more promising sites along Comanche Creek and the new area. Volunteers with metal detectors are needed.

November - November 5 and 6, Boy Scout campout and survey of the Denver to Fort Morgan freight and stagecoach route which runs through the Comanche Creek area. Volunteers are needed to spend Saturday night and to supervise the Scouts.

November 12 and 13, Full day on Saturday and a half day on Sunday. Survey and excavation activities. Backup for the Scout weekend, in case of bad weather on Nov 5 & 6. November 19, Full day. Last field-work day of the season.

December to March '95 - Laboratory analysis of artifacts. Generation of the official survey report for SHPO/CAS and other interested parties. The survey report will be approximately 500 pages.

If you're interested in becoming involved in the Comanche

Creek project contact us. Call Tom Cree, 776-7004 or Michael Landen, 499-9877, for more information.

THANKS FOR THE GOOD WORK

A sincere thank you to all of the Rock Creek Tour volunteers: **Pam Baker, Ann Hayes, Marie Mayer, Dick Owens, Jeannie Hamilton, Tracy Sweely, Ranona Kuna, and Eden Welker.** A special thanks to **Dock Teegarden** and **Pete Gleichman** for all their professional help. I heard from the county that the tours were considered a tremendous success!

Hillary Reynolds



TREATING MARY ROSE

Henry VIII's famous warship **Mary Rose** is now undergoing an intensive conservation program expected to last 15 to 25 years. Built in Portsmouth, England, between 1509 and 1511, the ship capsized and sank in 40 feet of water during an engagement with a French fleet off the south coast of England on July 19, 1545; some 670 soldiers and sailors lost their lives. According to the French, the ship was hit by cannon fire during the battle. The English claimed her loss was from overloading and poor handling.

Since she was raised in 1982, **Mary Rose** has been sprayed continually with chilled water to prevent her timbers from drying out and decaying. Research over the past ten years suggests that a more aggressive conservation program must be undertaken to preserve the ship. According to Margaret Rule, director of research for the **Mary Rose** Trust in Portsmouth, conservation progress will depend on the rate at which the ship's timbers absorb the various molecular weights of polyethylene glycol (PEG), a preservative that replaces seawater. Use of this chemical was less than successful on the seventeenth-century Swedish warship **Vasa** now on view in Stockholm. Rule notes, however, that conservators in Sweden started treatment with a PEG whose molecules were far too large to penetrate the core of each timber. Experimentation on several of **Mary Rose's** hatch covers has proven that permanent conservation can be achieved by using a solution of low-molecular-weight PEG to saturate the timber cores, and later applying a high-molecular-weight PEG to degraded surface wood where cells need much more support. -A.M.H.S.

Reprinted - Sept/Oct 1994 issue of ARCHAEOLOGY.



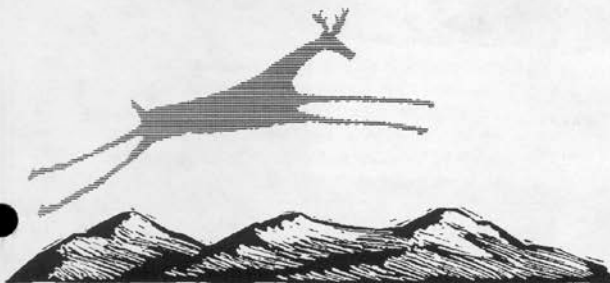
High Altitude Archaeology: A Research Symposium

Colorado Archeological Society
59th Annual Meeting

Hosted by
The Indian Peaks Chapter, CAS
&
The Department of Anthropology
University of Colorado

October 29, 1994
University Memorial Center
University of Colorado, Boulder

Public Welcome



SPEAKERS

Keynote Speaker

Dr. Dennis J. Stanford
National Museum
of Natural History
Smithsonian Institution

"A Retrospective on
Smithsonian
Paleoindian Research
in Colorado"

Symposium Speakers

Jim Benedict
Excavations at the
Fourth of July Mine Site,
Indian Peaks Wilderness, CO

Kevin Black
A Geoarchaeological
Retrospective on the
Cottonwood Pass Project

Steve Cassells
Dissertation Research in the
Indian Peaks Wilderness

George Frison
Paleoindian Research
in the Gore Range

Margaret A. Jodry
The Black Mountain
Folsom Site

Bill Kight
A Paleoindian Human Remains
in the White River
National Forest

Kathryn Mauz
Trace Element Analysis and
Lithic Sourcing of Siliceous
Artifacts at Snow Mesa,
San Juan Mountains, CO

Mike Metcalf
The Ute Trail Project:
Archaeology, History, and
Native American Consultation
on the White River Plateau

Jeff Overturf
Palynology of the
Bear River Corridor

Bonnie Pitblado
Paleoindian Occupations
in Southwest Colorado

Ken Singleton
Raw Material Acquisition
at the Windy Ridge Quarries

Mark Stiger
Excavations at the
Tenderfoot Site

Sue Struthers
Teller City

Early Registration (by October 14th): \$15.00
At-The-Door Registration : \$20.00

For registration information call:
Anne Mutaw at 303/666-0437 or
Steve Montgomery at 303/443-4414.

1994 INDIAN PEAKS OFFICERS

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 VICE PRESIDENT Ken Larson 469-2228
 SECRETARY Maureen Arthur 939-8342
 TREAS/MEMBER Jeannie Hamilton 443-9221

DIRECTORS:

Hillary Reynolds 530-1229 Pam Baker 772-2888
 Sue Lippincott 828-3144 Ann Hayes 494-3773
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 PROFESSIONAL ADVISOR Bob Mutaw 666-0437
 PROJECT INFO OFFICER Laura Viola 442-2019
 PAAC COOR's Janet & Morey Stinson 530-7727
 CALUMET EDITOR Ed Grefrath 444-2091
 CAS ANNUAL DINNER CHAIRPERSON: Anne Mutaw

MEMBERSHIP APPLICATION

Please check one: _____ Date: _____
 Individual \$25/yr New
 Family \$28/yr Renewal

Name _____
 Address _____
 City _____ State _____ ZIP _____
 Telephone _____

Please make check payable to: Indian Peaks Chapter, CAS
 Mail To: P.O. Box 18301, Boulder, CO 80308

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

P. O. Box 18301
 Boulder, CO 80308



1294
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 1120 Pearl
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Number on the mailing label above is the mon/yr your membership renewal is due.