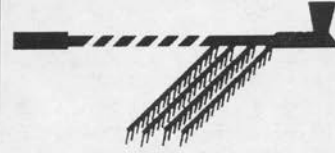


Feb 1995, Vol 3, No 2

CALUMIET



Newsletter for the Indian Peaks Chapter of the Colorado Archaeological Society

SCHEDULE OF EVENTS

Tues, Feb 21 / IPCAS Executive Committee Meeting, 7:30 pm, Boulder Police Bureau, 1805 33rd Street, Boulder.

Tues, Feb 28 / IPCAS General Meeting, 7:30 pm, The Meeting Place, Crossroads Mall. **Speakers: Dr Mort Turner and Joanne Turner - "A Pleistocene/Holocene Quarry and Living Site in Southwestern Montana."**

Tues, March 21 / IPCAS Executive Board Meeting.

March 24 - 25 / Colorado Council of Professional Archaeologists Annual Mtg, Fort Collins.

Tues March 28 / IPCAS General Meeting. Speaker Michael Oberndorf, "The North Table Mountain Site."

Apr 22 / CAS Quarterly Meeting in Roaring Fork Valley.

May 3 - 6 / Society for American Archaeology Annual Meeting, Minneapolis, MN

May 14 - 20 / Colorado Archaeology Preservation Week, (statewide).

May 22 to June 9 / Excavation Season at South Platte Project.

IPCAS GENERAL MEETING

Feb 28, 1995, 7:30 pm, The Meeting Place.

A Pleistocene/Holocene Quarry and Living Site in Southwestern Montana, by Dr. Mort Turner and Joanne Turner.

The Everson Creek/Black Canyon Quarry Complex in southwestern Montana has been a source of highly desirable chalcedony for the production of stone tools by Native Americans for nearly 14,000 years. Hundreds of quarries and mines in an area of a few square kilometers were

worked by peoples from different areas as far away as the Great Basin to the west, the plateau region to the northwest, and the Plains to the east, probably on a seasonal basis. Mining and preliminary sorting took place at the quarries and tools and blanks were produced at a nearby living site. Both quarries and the living site have been studied and excavated by a multi-disciplinary team of archaeologists, geoarchaeologists, soil scientists, and geophysicists. The Turners will discuss the hydrothermal development of the chalcedony that was mined here and the geologic and glacial processes that have modified the surface to its present form. The archeological findings will be briefly outlined and related to the development of the site stratigraphy and the mining industry that was active here over the last 14 centuries.



Significant findings are the continuous culture-bearing stratigraphy from Late Pleistocene to Present and the presence of preserved hair in the site. Major problems presented by the research at the site are why the quarry area is so restricted in size,

age-dating of the various strata, who were the people that worked here, and where did the large masses of raw material go that were extracted from these quarries.

Dr Mort D. Turner is a Senior Research Associate-Emeritus at the Univ of Colorado and is a Fellow in the Institute for Arctic and Alpine Research on the Boulder Campus. He has degrees in Geological Engineering, Geology, and Metallurgical Engineering from the Univ of California at Berkeley and the Univ of Kansas.

Ms. Joanne C. Turner is a Professional Research Assistant at the University of Colorado, in the Institute for Arctic and Alpine Research on the Boulder Campus. She has a degree in Chemistry from Penn State Univ and has studied geology at Penn State and the Univ of Kansas.

CONSERVATION PRESERVATION EDUCATION EXPLORATION

BE HERE THEN...

This last month has given us Alexander's tomb, a new gallery of meolithic cave paintings in France, and the beginning of a new year of CAS activities.

Congratulations to our new and reelected members of the Board of Directors, and welcome to our new members - Joan Ready, Calena and Douglas Troise, Paul Clemens, Anne Stanaway, Emily Steele, Jim Morrell and Michael Graves.

Our VP Tom Cree has assembled the 1995 general meeting speakers, (see article), while other folks have been scouting for this years field trips and fieldwork.

In the last CALUMET you read about archaeologist Jean Kendig's request for fieldwork volunteers at the White Rocks and Tom Cree's request for assistance on Comanche Creek labwork. **More help is needed on both projects. Contact Jean or Tom.** A major field project this spring will be to once again assist Bob Brunswig with his work on the South Platte Project at the Pawnee Grasslands in June. Call Tom Cree to sign up for this, (776-7004).

In the summer several fieldwork opportunities are shaping up in the mountains. Archaeologist Bonnie Pitblado will be excavating at Caribou Lake; Jean Kendig will be investigating a high altitude ceramic site in the Devil's Thumb valley; and there are suggestions of survey work on both the National Forest and in Rocky Mountain National Park. Details will be published in the Calumet as they become available..

Regarding field trips; I met Dewey Baars, President of the Wyoming Archaeological Society, and his wife Janet at the CAS Annual Meeting last October. Dewey has offered to guide IPCAS members on a two day tour of the Spanish Diggings quarry sites, and other nearby sites in southeast Wyoming (Hell Gap). These quarries were a primary lithic source for prehistoric cultures in northern Colorado. This trip will take place the weekend of May 13. We'll need 4-wheel drive vehicles! Call Steve Montgomery for info and sign up, (443-4414). Following Michael Oberndorf's presentation on the North Table Mountain Site near Golden at our March general meeting, the chances are good that he'll be able to arrange a field trip for us to the property in April.

Start planning for the Annual Encampment in July at the McPhee Reservoir near Durango. There will certainly be field trips into the nearby Anasazi country, and of course there will be a grand atlatl throwing contest.

Another activity for the Spring is the PAAC Advanced Survey Class. This will be a two and one half day course to

be held at the Crow Canyon Archaeological Center in Cortez. The courses, which will be repeated during March through July, will teach the basic principles of mapping with the total station and the production of maps for AutoCAD. Applicants need to contact Morey or Janet Stinson by February 24th, (530-7727).

O.K. Avo's - get out there and study, protect and explore our prehistoric past - and practice with your atlatl, (call me if you can't find one), so we can show them how it's done in July.

Steve Montgomery, President

CANYON COUNTRY VOLUNTEERS

A new volunteer project, Canyon Country Volunteers (CCV), is about to be launched in the Grand Gulch area in southeastern Utah. An offshoot of the Wetherill-Grand Gulch Project, recently highlighted in the Boulder Daily Camera (Jan 10), CCV is dedicated to keeping Cedar Mesa as pristine as possible by minimizing human impacts. Volunteers will choose their own itinerary for a week-end or longer period of time during the heaviest visitation periods of spring and fall. They will backpack or day hike into their chosen areas acting as docents and providing information to other hikers and backpackers who they encounter along the way. The goal is educational, to impart information about "low impact" practices, the etiquette of visiting ancient cultural sites, and general information about the cultural and natural history of the area.

The first session of a two day workshop will be Friday, February 24th from 7-9:30 PM at the Unity Church, 2855 Folsom, Boulder. Bruce Hucko, photographer for the Wetherill-Grand Gulch Project, will present an evening of slides entitled, "RECIPROCITY." Bruce's position is that people who love the land are also responsible for taking care of it. Through his photographs he will show how his personal fascination with canyon country has led him to respect, appreciate, and see the land more aesthetically. His presentation lays the groundwork for the Saturday orientation/communications workshop.

During the workshop on Saturday, Bruce will make a slide presentation on "Approaching the anasazi: Attitudes and Apertures," or visiting ancient cultural sites both physically and photographically with the least human impact. The workshop will continue with a discussion about the regulations for the Cedar Mesa area and will conclude with practice and use of non-confrontational communication skills for back country use.

Space is limited and reservations are required. If you wish to attend Hucko's Friday evening presentation or attend Saturday's workshop as a Canyon Country volunteer, please call Carolyn Hansen, 442-4648; Morey Stinson, 530-7727; or Ann Philips, 449-5527 for information.



THE ROCK CREEK TRUNK

The Rock Trunk is an old fashioned foot locker with brass fittings - and an educational mission. It interprets archaeological findings from the Rock Creek Site in eastern Boulder County in a way that will appeal to elementary school age children, ages 8 through 12.

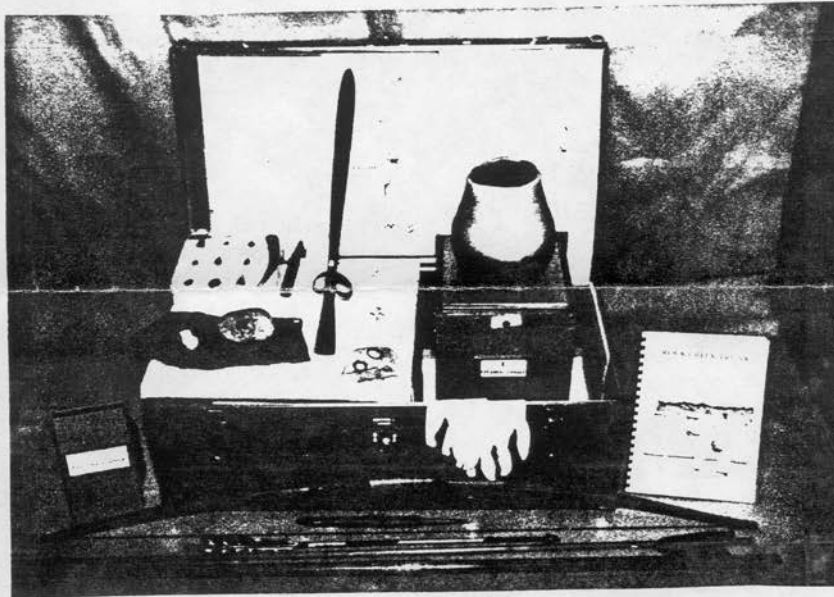
The creation of the trunk was partially funded by a State Historic Fund grant to the Indian Peaks Chapter of the Colorado Archaeological Society. Though the primary purpose was to support excavation of the Rock Creek Site, an amount was earmarked for site interpretation. The creation of the trunk seemed an appropriate way to meet this requirement and to benefit the youth of Boulder County.

The excavation was carried out by forty volunteers from IPCAS who worked under the direction of Peter Gleichman of Native Cultural Services and his staff for more than six weeks. Information recovered from the site shows that it was occupied from 6,000 BP to 500 BP. The Rock Creek Trunk focuses on this prehistoric time and the affective region, the northern Colorado Front Range.

The trunk contains many tools and artifacts that may be handled by children. These include cast replications of projectile points and small tools, a bone needle, an antler tine, a mano and metate, geological and botanical specimens, and a ceramic vessel in a padded wooden box. Long tools, housed in a section of plastic PVC pipe, include a spear, an atlatl and dart, and a bow and arrow. The trunk also contains an educator's guide entitled Rock Creek Trunk / Prehistoric Life in Boulder County. It is full of lessons, activities, and worksheets that enable the student to

grasp the principles of archaeology and the findings at Rock Creek. An original video cassette titled Rock Creek Scrapbook: Archaeologists at work in Boulder County, introduces the kit and its contents.

Many hundreds of hours of volunteer time and labor were donated to the project. The IPCAS Education Committee, Maureen Arthur, Pam Baker, Ann Hayes, Sandy Karhu, Jean Kindig, Ellen Meehan, and Vicky Walsh, met faithfully for more than a year developing the concept for the trunk, writing and assembling the manual and materials, and physically putting the trunk together. Sandy Karhu, staff archaeologist with native Cultural Services, valiantly served as editor for the Rock Creek Trunk Educator's Guide.



For artifact replication, we are deeply indebted to Dock Teegarden (spears, bows & arrows, manos & metates, and other stone and wood tools), Lee Lacey (atlatls), Dennis DeSart (darts), Deborah Lowe (casts of Rock Creek stone tools), and Janet Lever (ceramic vessels). Pricilla Ellwood shared her findings on ceramic analysis. Russ Hayes did photography for the video and skillfully crafted both plastic and wooden containers to protect the artifacts.

We are grateful for the advice and encouragement of Rich Koopmann, Pascal Freed, and Mary Jo Rosemayer of Boulder County Parks and Open Space and the use Joann Duffy's sketch of Boulder County on the cover of the

Educator's Guide. Thanks also to the Bureau of Land Management for permission to reproduce lessons from Project Archaeology's excellent teacher's guide, Intrigue of the Past.

Four copies of the kit have been produced: one for the District Media Interpretive Center of the Boulder Valley Public Schools, one for the University of Colorado Museum, one for Boulder County Parks and Open Space, and one for use by the Indian Peaks Chapter.

Teaching children about archaeology serves several purposes. It promotes a sense of appreciation and stewardship toward America's cultural heritage. It also provides educators with an exciting way to teach basic critical thinking skills using a multi-disciplinary approach. Several classroom presentations of the trunk will be scheduled during Historic Preservation Week (formerly Archaeology Week) May 14 through 20. Members of the Indian Peaks Chapter interested in assisting with this project should contact Ann Hayes at 494-3773.

Ann Hayes

PAAC SCHEDULE: Jan - June, 1995

Taught by Kevin Black, Asst State Archaeologist

BOULDER - Foothills Nature Center,

Sign Up - Morey or Janet Stinson, 530-7727

Cost - \$17 Wed: 6:30 to 9:30 pm.

Ceramic Description & Analysis - Jan 25, Feb 1, 9, 15, 22, Mar 1, 15.

DENVER

Lithics Description & Analysis - Mar 9, 16, 22, 30, Apr 6, 13, 20.

FT COLLINS

Basic Site Survey Techniques - Apr 18, 25, May 2, 9, 16, June 3, 6, 13.

COLORADO SPRINGS

Principles of Excavation - Feb 3 - 6.

CORTEZ

Historical Archaeology - May 19 - 22.

DURANGO

Ceramic Description & Analysis - Mar 3 - 6.

STEAMBOAT SPRINGS

Perishable Materials - June 9 - 12.

CARBONDALE

Perishable Materials - Apr 28 - 30, May 1.

MONTROSE

Ceramic Description & Analysis - Jan 27 - 30.

PUEBLO

Basic Site Survey Techniques - May 12 - 15.

TELLURIDE

Colorado Archaeology - Mar 17 - 20.

GUNNISON

Intro: Archaeology, CAS, PAAC - Feb 18 - 19.

GRAND JUNCTION

Colorado Archaeology - Apr 7 - 10.

ARCHAEOLOGISTS DIG IN LEAD-FILED TOMB

In January, (1995) a team of archaeologists at the University of Pennsylvania will resume excavations at the fifth-century tomb of a Mayan king in Copan, Honduras. But it will be a potentially dangerous dig.



Complicating their excavation is the presence of extremely toxic mercuric pigments and mercury vapors inside the tomb.

"Exposure to mercury can cause irreversible neurological damage," said David Sedar, a research specialist and archaeologist at the University of

Pennsylvania Museum. "We will wear special protective masks to make sure we don't breathe in the fumes".

Sedar said the researchers did not know why mercury was used in the tombs or whether the Mayans were aware of the chemical's long-term deadly nature. They do know that the Mayans burned red mercury sulfide (cinnabar) as part of a religious ritual and that the mercury contamination may have resulted from this burning.

The research team, led by Penn archaeologist Robert Sharer, will dig from January to May through the rubble of two vaulted chambers at the tomb complex, which they discovered in April 1993. They hope to learn more about the early history of Copan, an ancient Mayan city that may have once had a population of 20,000 to 25,000 people. The Mayan civilization flourished in Central American between A.D. 400 and 800. The Mayans built elaborate pyramids, developed a 365-day calendar, invented the concept of zero, and created a complex phonetic writing system.

Reprinted from DISCOVERIES, Boulder Daily Camera, January 5, 1995.

IPCAS EXECUTIVE BOARD MEETING, 1/17/95

Attendees: Steve Montgomery, Dock Teegarden, Mike Landon, Anne Mutaw, Laura Viola, Matt Avery, Ken Larson, Bob Powell, Morey Stenson, Janet Stenson, Cheryl Damon, Donna Shay, Ann Hayes, Maureen Arthur, Kris Halien.

Treasurers Report: (By Steve Montgomery). Income from silent Auction - \$2061.

Current IPCAS bank account is approx. \$3100. Financial report was accepted.

Motion made and approved to formally thank Anne and Bob Mutaw and other members for their efforts to make the 1994 Annual CAS dinner a success.

Motion to use CAS funds to document and photo local archeological items of interest was tabled. Members agreed this may be a subject for grant requests.

Vice Presidents Report: (By Steve Montgomery). Membership interest survey was discussed. Results need to be tabulated and then presented to membership.

Motion made and approved to develop a video library of speakers. Initial approval was for one presentation only, (\$6.00), in order to evaluate cost and benefit.

Motion made and approved to provide \$50 Honorarium to Dr Bill Buckles, Jan speaker.

1995 Speaker list presented. (See article in Calumet.)

Archaeological Preservation Week, May 14 - 20, was discussed. Several items, e.g., Rock Creek Trunk tour, booth at Boulder Creek Festival are being considered.

Submitted by Maureen Arthur, Secretary.

IPCAS MAR - NOV 1995 GENERAL MEETING SPEAKERS

March / Michael Oberndorf will speak on the North Table Mountain Site.

April / Steve Kalasz will present the results of the Magic Mountain Excavation in Golden.

May / Margaret Van Ness will discuss "Plant Remains in Archaeological Sites".

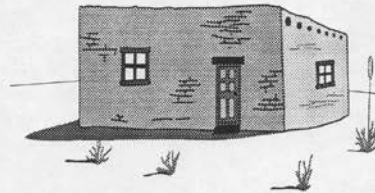
September / Sarah Nelson will give a slide presentation about "Korean Archaeology - Burial of the Silla (pronounced shill-a) Queens".

October / Dr. Scott Elias, an entomologist at NSTARR, will discuss the topic, "Insects in Archaeological Sites".

November / Bob Brunswig will return with an update of the South Platte Project, Pawnee Buttes Excavations. N.B. Mark your calendars for the 1995 excavation season at South Platte, May 22nd to June 9th.

FORT VASQUEZ REOPENS

Located just east of Boulder/Longmont, one mile south of Platteville on Hwy 85, the Fort Vasquez site and Museum are open to the public, Thursday through Saturday, 10:00 am to 5:00 pm. Tel (303) 866-3682.



Fort Vasquez became a regional museum of the Colorado Historical Society in 1958

and remains the only Society site in the northern portion of the state. The property rests on the original site of the fur trading post built about 1835 by Louis Vasquez and Andre Sublette, entrepreneurs in the mountain and fur trade of the South Platte River valley. One of four trading posts along that stretch of the river, the fort was abandoned within six years, and, being adobe, slowly weathered back into the ground. During the 1930s, teams from the New Deal's Works Progress Administration reconstructed the fort on what was thought to be the original site. In the mid-1960s, archaeological investigations were completed, confirming the site and revealing the original extent and shape of the fort. During the same decade, the Society erected a visitor center housing exhibits about the fort and its place in fur trade history.

SAYING IT WITH FLOWERS

Bronze Age burials containing pollen from an aromatic plant suggest that floral tribute was an ancient custom in Scotland. Recent excavation of five burial sites has corroborated data from two earlier excavations showing that plants were deposited by people, not by natural processes. The discovery of *Filipendula* pollen, probably from the plant meadowsweet, has led Scottish archaeologist Richard Tipping to speculate that the plant may have been used in graveside offerings - in bread, as a flavoring in honey or mead, or as a bouquet or floral covering. Meadowsweet is described in herbal literature as having a pleasant scent; whether it was used in ancient times to raise the spirits of mourners or to counteract the smell of rotting flesh has remained unclear. S.P.M.H.

Reprinted from *ARCHAEOLOGY*, Jan/Feb, 1995

1995 INDIAN PEAKS OFFICERS

MEMBERSHIP APPLICATION

PRESIDENT: Steve Montgomery 443-4414
VICE PRES: Tom Cree 776-7004
SECRETARY: Maureen Arthur 939-8342
TREAS/MEMBER: Jeannie Hamilton 443-9221

DIRECTORS:
Hillary Reynolds 530-1229 Bob Powell 494-9445
Dock Teegarden 494-6496 Cheryl Damon 678-8026
Ken Larson 469-2228 Leni Clubb (610) 358-7835
Kristine Holien 586-8982 Michael Landem 499-9877
Mac Avery 499-3455 Donna Shay 443-3273

COMMITTEE CHAIRPERSONS:
CAS REPRESENTATIVE: Anne Mutaw 666-0437
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

Please check : 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 80308-1301
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*
P. O. Box 18301
Boulder, CO 80308



Montgomery, Steven C. 1296
1120 Pearl
Boulder, CO 80302

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