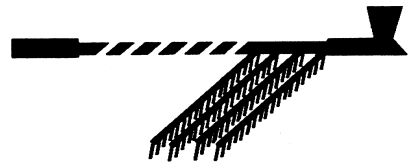


CALUMET

CONSERVATION PRESERVATION
EDUCATION EXPLORATION

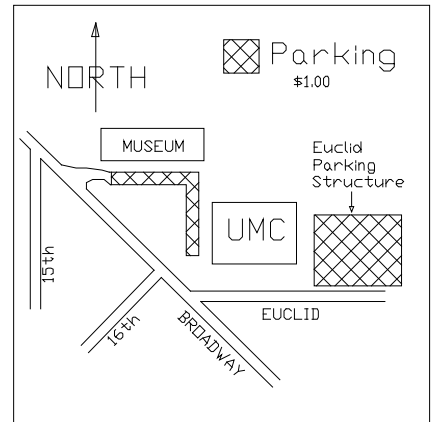


Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
April, 1997

CALENDAR OF EVENTS

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

- April 3 Board of Directors, Boulder Police Community Room, 7:30 PM.
April 4 PAAC Class, Colorado Archaeology, Glenwood Springs, first class.
April 10 **IPCAS General Meeting, 7 PM.** Dr. Robert Brunswig.
Topic: Paleoenvironmental and Cultural Change in
Northeastern Colorado: New Insights and Prospects.
Dr. Brunswig will be discussing recent work and results
from the analysis of microbotanical remains from test
excavations at West Stoneham. The analysis was used in
reconstructing 2600 years of paleoenvironmental change in
the plains of northeastern Colorado. Dr. Brunswig will
discuss how climatic change may relate to different patterns
of cultural adaptation from the Late Archaic to Middle
Ceramic periods.
- April 19 **CAS Quarterly Meeting, Grand Junction.**
April 24 PAAC Class, Introduction to Laboratory Techniques,
Denver, first day.
- April 25 - 26 PAAC Class, Archaeological Dating Methods, Colorado
Springs.
April 27 - 28 PAAC Class, Field & Laboratory Photography, Colorado Springs.
May 1 Board of Directors, Boulder Police Community Room, 7:30 PM.
May 4 - 10 **Colorado Archaeology & Historic Preservation Week.**
May 10 - 11 PAAC Class, Field & Laboratory Photography, Montrose.
May 18 **IPCAS Special Lecture Meeting. Boulder High School Auditorium, 7:30 PM.**
Dr. J. David Lewis-Williams. See the topic information on Pages 3 and 4 of this issue.
- May 23, 24, 25** **American Rock Art Research Association (ARARA), Annual Meeting.**
La Junta will be the site for a Memorial Day Weekend annual meeting, with related field trips. The
symposium seeks to bring together people interested in all aspects of rock art research and education.
For information, call Arizona State Museum, (520) 621-3999.
- May 30 - 31 PAAC Class, Research Design & Report Writing, Durango
June 5 Board of Directors, Boulder Police Community Room, 7:30.
June 7 **Geology Tour, 10 AM to 4 PM, no cost, less than 20 people**
in a maximum of five cars. Bring a lunch. Starts at the
Geological Society of America building on 33rd between Iris
and the Diagonal. Call Michael Landem for reservations.
- Summer Months No general meetings. Time for fieldwork.
July 3, 4, 5, 6 **Encampment 97:** Thursday noon to Sunday noon at Trinidad
State Park. Events/Sites include: Archaeology Museum, Gun
Smith school, Bloombaucher House, Rock art site tours, Indian
games, Atlatl demonstrations. Cost is \$7.50 per night. There
will be camping pads available and showers.
- July 26 **CAS Quarterly Meeting, Montrose.**
August 14-17 **1997 Pecos Conference, Chaco Canyon.** Traditional,
Archaeology-related papers will be limited to 8-10 minutes
each. Detailed descriptions of artifact inventories and features,



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CALENDAR OF EVENTS - Continued

unless unique are highly discouraged. An ethnology session will be added. A short session on past Chaco personnel will be held. If you plan to present a paper, register before May by e-mail with <tom_windes@nps.gov>.

- September 4 Board of Directors, Boulder Police Community Room, 7:30 PM.
- September 11 IPCAS General Meeting, 7 PM.** Dr. John Ravesloot. Topic: The Casas Grandes Complex and the Paquimé Archaeological Site.
The Casas Grandes system is generally acknowledged to be the third major regional system within a larger cultural area but the one with the least diluted Mesoamerican characteristics. The mystery city of Paquimé was built around 1300 on what had been a Mogollon site in Chihuahua.
- Oct/Nov High Altitude Symposium as part of the Plains Anthropological Conference.
In Boulder (probably on campus). The conference, for which dates have not been established, will be a full-day session starting with geomorphology and paleoenvironment and then into the prehistory. Probable presenters include Bonnie Pitblado (Caribou Lake) and Bob Brunswig (West Stoneham).
- October 9 IPCAS General Meeting, 7 PM.** Dr. Robert Hohlfelder. Topic: The Mystery of Aperlae: A Submerged Coastal Town of Ancient Lycia.
A survey of the ruins by Dr. Hohlfelder indicated that Aperlae, which is in present-day Turkey, was designed to harvest a dye known as "Tyrean purple". The dye, made from murex snail shells, was used by Roman emperors and other members of the upper crust.
- November 13 IPCAS General Meeting, 7 PM.** Dr. Payton Sheets. Topic: Joya de Cerén.
At the ruins of Cerén, a World Heritage Site, in a lush valley near San Salvador, corn cobs, thatch fragments, and carbonized beans are being studied. That wouldn't be surprising in the arid Four Corners, but in a tropical jungle/war zone for a bean to survive 1400 years required being buried under 16 feet of scalding, fine, wet, volcanic ash. Called a "New World Pompeii", Cerén is revealing Mayan pottery from AD 500-800, complete with finger-swipes indicating eating habits. Storerooms contained pots, tools, obsidian blades, 3 kinds of beans, seeds of cotton and cacao, corn, squash, avocados, palm fruits, chilies, nits, and the meat of deer and dog. Researchers conclude that the people of the region were living far better in AD 600 than they are today.
- December 11 **Christmas Party.** At CU Henderson Museum, Dinosaur Room, 7 PM.
- January 8, 1998 **IPCAS General Meeting, 7 PM.** Bob Powell. Topic: Oaxaca.
The Mexican state of Oaxaca (pronounced "wa-há-ka") marks the break between North American central Mexico and Central America. From the earliest times, the valley of Oaxaca was inhabited by the same Zapotec and Mixtec Indians who form the bulk of the population now. Their ancient sites - Monte Albán, Dainzu, Zaachila, Lambityeco, Yagul, and Mitla - are less well known than their contemporaries in central and eastern Mexico, but every bit as important and impressive. Monte Albán has been designated a World Heritage Site.

March Meeting - Dr. Jim Benedict

Forty-one people attended the presentation last month by Jim Benedict on the game drive system in the Devil's Thumb Valley. Jim has worked in that area, on and off, for two decades. His aerial photographs, both from an aircraft and a long pole, provided a great deal of information about features, land formation, wind patterns, and probable game-herd movements. Many of the volunteers for past excavations are members of IPCAS and Jim cited the work done and artifacts found by those volunteers. Jim also offered an opportunity to "excavate - one more time" this July.

Visitors at the meeting were: Patty Walker-Buchanan from the BLM in Glenwood Springs, Carron Meaney from the Henderson Museum, Janet Robertson of Boulder, M. Alex Rainey of Boulder, and Andrea Sotelo of Boulder. It was good to see another visitor again, E. Steve Cassells.

Our move to the Henderson Museum is a success. The parking is a little difficult but it is the only difficulty. It is very nice to meet in an obviously scientific environment. The equipment is good, the chairs are comfortable and there is plenty of space for conversation before and after the meeting. Our average attendance has increased 50% in the first three months of this year and we expect to increase that attendance even more. Our list of speakers for the remainder of this year and the start of next year (as shown in the Calendar of Events) will attract a great deal of interest. All the topics are of significance, spanning many areas of the globe. Mark your calendar - tie a string on your finger - **don't miss out!**

* * **SPECIAL EVENT** * *

May Presentation - Dr. J. David Lewis-Williams

The Indian Peaks Chapter and the CU Henderson Museum, are bringing a South African rock art expert to Boulder for a special lecture on Sunday, May 18, at 7:30 PM at the Boulder High School Auditorium. The presentation is, "Shamanism and Ritual in the San Rock Paintings of Southern Africa". Admission is \$10. Volunteers are needed to staff functions at the event.

Dr. J. David Lewis-Williams is professor of Cognitive Archaeology and Director of the San Cultural Heritage Center with the Department of Archaeology, University of Witwatersrand in Johannesburg, South Africa. He obtained his doctorate in social anthropology in 1978. His research into the art and the belief systems of the San (Bushmen) have radically changed our understanding of the rock paintings of southern Africa. Dr. Lewis-Williams is the author of a significant number of articles in professional journals and many books, including:

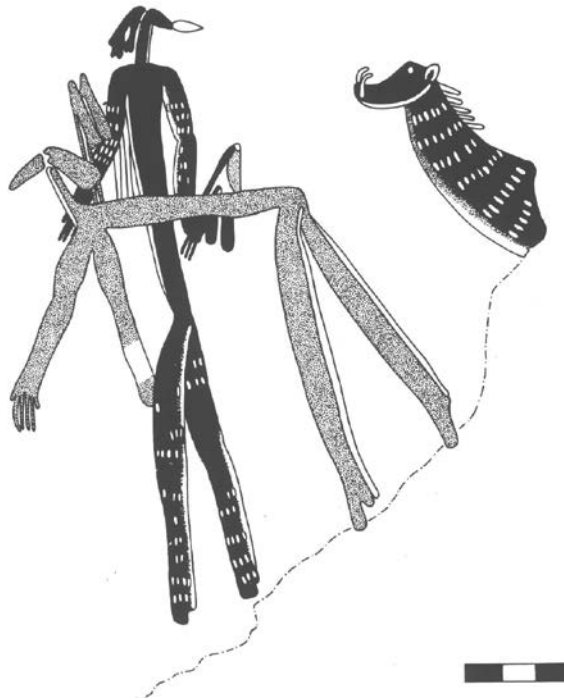
Images of Power, 1989, current anthropology, co-author with T. A. Dowson.

Believing and Seeing, 1981, symbolic meaning in southern San rock art.

The Rock Art of Southern Africa, 1983, a documentation of San sites.

Les Chamanes de la Prehistoric, 1996, co-author with J. C. Clottes.

Dr. Lewis-Williams' keen insights into the rich world revealed in the paintings of the San have influenced and inspired a whole generation of rock art researchers both in South Africa and around the world.



A fantastic serpent emerges from a slight step in the rock. Next to it are two therianthropes.

From *South African Archaeological Bulletin* 45: 5-16, 1990. Page 10, figure 4.

"Numerous San rock paintings apparently enter or leave the rock face. Neuropsychological and ethnographic evidence suggests that San shamans visited the spirit world via a tunnel that, in some instances, started at the walls of rock shelters. Shaman-artists depicted some of the visions they brought back from the spirit world as if they were emerging from the rock face. And implication of this conclusion is that the rock was as meaningful a ritual element as the paint. Anything painted on the walls of rock shelters was thus placed in a shamanistic context".

Dr. J. David Lewis-Williams, 1990

Selected portions from the article, *The San Artistic Achievement*, printed in the *African Arts*, 1985, by Dr. J. David Lewis-Williams.

“The supremacy of San (“Bushman”) rock paintings and engravings among the graphic arts of preliterate peoples is today virtually beyond dispute. Recent discoveries have shown them to have an unexpected antiquity, and, more importantly, they rank among the best-understood “primitive” arts. These points establish the unique status of this sophisticated art, not only as a source of pleasure and wonder for Western viewers but as a whole field of insight into numerous issues that have puzzled archaeologists and anthropologists.

“The reasons for the undervaluing of San art in the past, and indeed in the present too, are largely historical. When the first copies of San art were published by Alexander in 1838, the Western world was not ready to appreciate them. In the final decade of the same century, the artistic climate began to change. Gauguin rejected Western culture and went to Tahiti, later moving to the Marquesas Islands, where even fewer Europeans lived. Others followed his example either by emigrating or by imitating primitive forms, and the primitivist movement was launched. African art, especially, was discovered and through Picasso, Matisse, Braque, and others, its impact on Western art was considerable...

“It is therefore curious that this art is not more widely known and appreciated today. Many still believe, quite erroneously, that it comprises only stick figures, hunting scenes, and a few well-delineated antelope. One reason for such ignorance is that, unlike African carvings, San rock art is only very rarely portable. While the former crowd museums and private collections in America and Europe, examples of the latter are few and unrepresentative. Nor is this situation likely to change, for stringent legislation in Southern African countries rightly prohibits its removal from often remote rock shelters...

“The Paleolithic art of Western Europe, on the other hand, because of continuing publicity and the advocacy of more forceful apologists, has become acknowledged as the apogee of preliterate painting. While Paleolithic art has an undeniable majesty deriving as much from the awe-inspiring caverns as from the imposing depictions themselves, San art is in no way aesthetically or technically inferior. In contrast to Paleolithic art, Southern African art displays verve, variety, and an engaging animation. Much of its fascination to Westerners derives from the San’s mastery of group composition; in the paintings, and to a lesser extent, in the engravings, people are shown participating in such lively activities as dancing, hunting, running, and fighting. The art seems to comprise scenes from the lives of long-dead hunters - scenes that, in fact, constitute a first-hand panorama of the Stone Age.

“Some of the compositions are so like much Western art that writers have believed that San and Western artists observed the same set of conventions. For instance, it has been said that some scenes employ perspective. We should, however, be cautious in accepting this claim, for it assumes that there is only one kind of perspective, that which is found in some classical art and which was revived during the Renaissance. But other arts have other ways of showing relationships. In fact, Western perspective and its conventions are entirely unknown to most preliterate artists. We must not, therefore, assume that San paintings that do not show items believed to be farther from the viewer as smaller are in any sense inferior or that the painters in some way failed to achieve an ideal for which they were striving... Whatever the artists’ intention, the overall impression is often one of exuberant energy. The figures animate the frameless rock surface, giving an impression of limitless action.

“Animal representations, on the other hand, tend to be more stately, though smaller buck and felines are often shown in extended leaping postures. The eland, the most frequently depicted antelope in many regions, was also the creature on which the artist expended the greatest care... But possibly the most remarkable feature of San animal art is foreshortening. Antelope are depicted as seen from the rear, the front, and even from above. Sometimes those seen from the rear have the head turned as if to watch a stalking hunter...”



Therianthrope combining human and eland features.

Many Thanks to Ann Hayes

Our chapter owes a large "Thank You" to Ann Hayes for her work with the Calumet. Ann and Tom have swapped Calumet duties - Editor with Assistant Editor. Ann's artistic approach to the Calumet has been greatly appreciated and will be missed.



UNC Considers Eliminating their Anthropology Department

The University of Northern Colorado is currently deciding whether to continue or eliminate the Anthropology Department in its entirety. As all of our IPCAS members know, Robert Brunswig and his Pawnee National Grasslands projects have provided our Chapter with hundreds of hours of volunteer opportunities in a most beautiful natural setting. This would be a tragic loss for Colorado archaeology. No other academic research program is presently focused on this very important area.

It is estimated that Northeast Colorado had the highest population of mammoths in North America at the end of the Pleistocene. Many important Paleo-indian sites have been discovered there and many more lie awaiting your trowel.

If you would like to help preserve the Anthropology Department at the University of Northern Colorado, please send letters of concern to the following individuals:

Dr. Howard Skinner
President, UNC
Carter 40000
Greeley, CO 80631

cc: Dr. Roger Kovar
Vice President for Academic Affairs
Carter 4007-C
Greeley, CO 80631

cc: Dr. John Gapter
Dean of Arts and Sciences
College of Arts and Sciences
Greeley, CO 80631

cc: Dr. Jim Wanner
Chairperson of Anthropology Department
Candaleria 24
Greeley, CO 80631

Colorado Archaeology Network Continues to Grow

We would like to have all the Chapters of the Colorado Archaeological Society join the Colorado Archaeology Network. Currently, we support or link to web-pages for Cortez, Denver, Fort Collins, and Pueblo. Doak Heyser is our Web-Site Manager. Other web-site team members are Michael Landem, Cindy Miller and Tom Cree. Check the web-site at:

<http://www.netone.com/~mlandem>.

PAAC CLASSES

April

Colorado Archaeology	Glenwood Springs, April 4 th , 5 th , and 6 th . 6 - 10 PM Friday, 8 AM - 5 PM Saturday and Sunday.
Introduction to Laboratory Techniques Archaeological Dating Methods	Denver, April 24 th , May 1 st , 8 th , 15 th , and 22 nd . Colorado Springs, April 25 th , and 26 th . 3 hours Friday evening and 7 hours Saturday.
Field & Laboratory Photography	Colorado Springs, April 27 th , and 28 th . 7 hours Sunday and 3 hours Monday evening.

May

Field & Laboratory Photography	Montrose, May 10 th , and 11 th .
Research Design & Report Writing	Durango, May 30 th , 31 st , and June 1 st .



Volunteer Opportunities - 1997

The following are opportunities for volunteers in Colorado and the neighboring states. Many are National Forest Service Passport In Time (PIT) programs. If you are interested in any of these projects, please contact me immediately. I will help you enroll (PIT Projects) or give you additional details. Opportunities appear in the order of starting date but some are active for many months. Volunteers need not stay for the entire session on most of the opportunities.

The Summer issue of the PIT Traveler (PIT Project Catalog) was mailed on March 1. If you are not on the mailing list for this important volunteer document, please contact me.

Tom Cree, (303) 776-7004, tlc@lanminds.net

Date(s): April through November
Location: Cortez, Colorado
Sponsor: Crow Canyon Archaeological Center
Work: Week-long excavation, field school, and study tours.
Facilities: Crow Canyon Archaeological Center
Cost: \$775 per week. Program provides lodging, meals, and local commute.
 Insurance and travel to location not included.



Date(s): April to October, mostly weekends.
Location: St. Vrain Drainage, west of Lyons, Colorado
Sponsor: Michael Oberndorf
Work: Survey and test excavations will continue on the Middle Fork Ranch. Survey will be performed on the Glacier View Ranch. Both ranches are private property.
Facilities: Work will be day-trips.
Cost: None. Volunteers must provide own transportation, equipment, and food.

Date(s): April to October, weekends.
Location: Boulder County Cabin Surveys
Sponsor: National Forest Service.
Work: Team will perform class III cultural resource inventories of selected cabins on NFS land. Inventory work consists of pedestrian survey, photography, drawings, and verbal descriptions of cabins and outbuildings. The team will provide a written summary to the NFS, including appropriate SHPO forms and recommendations for future cabin use.
Facilities: Work will be day-trips.
Cost: None. Volunteers must provide own transportation, equipment, and food.

Date(s): April 7 - 11. Must commit to the full session.
Location: Nez Perce National Forest, Idaho
Sponsor: PIT Project, PIT Traveler, Winter 1996 - Spring 1997, Page 7
Work: The historic Moose Creek Ranger Station is located in the heart of the Selway-Bitterroot Wilderness. This gorgeous but rugged country with its beautiful creeks, rivers, and mountains became the hub of much activity around the turn of the century. Volunteers will help identify, photograph, and catalog items collected in 1995.
Facilities: Motels, restaurants, and RV parks available in Grangeville.
Cost: Transportation to area, own food, and lodging.

Date(s): April 20 - 25. Must commit to the full session.
Location: Pike & San Isabel National Forests, Colorado
Sponsor: PIT Project, PIT Traveler, Winter 1996 - Spring 1997, Page 7
Work: Picketwire Dinosaur Tracksite Maintenance. Picketwire Canyonlands is a spectacularly rugged area containing the Purgatoire Dinosaur Tracksite and other paleontological and archaeological resources. Volunteers will assist in stabilization and maintenance of the dinosaur tracks. The crew will help remove vegetation, debris, and silt, and stabilize the river bank. We also will examine the bedrock geology of the canyon for fossil locations. The project will include a tour of the famous Picketwire Canyonlands prehistoric rock art.
Facilities: The Forest Service will provide bunkhouse facilities in the Picketwire Canyonlands, or there will be space for tents or campers.
Cost: Transportation to area, own food, and lodging.

CALUMET - April, 1997

- Date(s):** May 14 - 19, May 22 - 25.
Location: Main site, 25 miles north of Greeley.
Sponsor: Director is Dr. Robert Brunswig.
Work: Survey, mapping, testing, and excavation.
Facilities: Participants will be commuting from Greeley but people can camp near the site if they like. The survey will include about 160 acres. Mapping and survey will include the Main site (a historic stone ring). Mapping will be done by transit and GPS. Work days will be 8 hours. A Porta-Potty will be available at the site. Volunteers are responsible for own transportation, camping gear, equipment, food, and insurance.
Cost: None.
- Date(s):** May 18 - 23. Must commit to the full session.
Location: Santa Fe National Forest, New Mexico
Sponsor: PIT Project, PIT Traveler, Winter 1996 - Spring 1997, Page 10
Work: Gallina Cultural Site Identification. Help survey the beautiful high mesas of New Mexico for traces of the little-known Gallina Culture. Volunteers will hike in rugged terrain to discover single- and multiple-room habitation structures, pit houses, cliff dwellings, and rock-art sites.
Facilities: Camping will be in a remote area without water. Temperatures will be extreme (30° F to 80° F+). Participants will be required to provide: their own transportation on rough dirt roads; camping equipment; and food.
Cost: None.
- Date(s):** May 18 - 29, June 1 - 12, and June 15 - 26
Location: Mitchell Springs near Cortez, Colorado
Sponsor: Glendale Community College
Work: Field School. In the past six years, test trenches have indicated the presence of continuous Anasazi occupation from AD 700-1300. A new area of the 90-acre parcel will be tested. The project consists of an intensive, twelve-day, ten-hour-per-day experience.
Facilities: Local motels and restaurants.
Cost: \$321 tuition and fees. Volunteer provides travel to location and insurance.
- Date(s):** May 19 to June 8
Location: Tecolote Pueblo, San Miguel County, New Mexico
Sponsor: New Mexico Highlands University, Las Vegas, New Mexico
Work: The field school will perform excavation and artifact analysis.
Facilities: Attendees responsible for all meals, lodging, travel and insurance.
Cost: \$251 tuition.
- Date(s):** May 19 to July 4
Location: Near the Lowry Ruin, near Cortez
Sponsor: Fort Lewis College
Work: Field school. Part of a continuing, ten-year research project on an important Pueblo-II/Pueblo-III site, located adjacent to the Lowry Ruin. School will include survey, testing and excavation.
Facilities: Program provides insurance and local commute. Attendees are responsible for lodging (camping available), meals, and travel to location.
Cost: \$535 for tuition.
- Date(s):** May 25 through September 21
Location: Cortez, Colorado
Sponsor: Crow Canyon Archaeological Center
Work: Week-long excavation, field school, and study tours.
Facilities: Crow Canyon Archaeological Center
Cost: Program fee provides lodging, meals, and local commute. Insurance and travel to location not included.
- Date(s):** Summer months, mostly late-July and August
Location: Rocky Mountain National Park, high-altitude survey work
Sponsor: Dr. Bill Butler, Rocky Mountain National Park
Work: Assist with survey of the Cache la Poudre from Milner Pass to the park boundary.
Cost: None. Work will be day-trips. Volunteers must provide own transportation and food.

CALUMET - April, 1997

Date(s): June 1 - July 31, August 1 - September 30. Must commit to 2 weeks.
Location: Rangers and Ranchers of the Grand Mesa
Sponsor: PIT Project, PIT Traveler, Summer - Fall 1997, Page 12
Work: This summer, volunteers will conduct interviews and archival research to gather more information about historic cow camps and ranger stations and the people who lived in them. There is also a possibility of working with the Nature Conservancy to gather information on the environment prior to the removal of American Indian inhabitants and the subsequent effects of the influx of homesteaders. Research skills and basic knowledge of setup and operation of video and audio equipment desirable; must have good people skills and be able to communicate with elderly people; should be tolerant of varying views of land management.
Facilities: Bunkhouse at the Ward Creek Ranger Station or Mesa Lakes Ranger Station, located on Grand Mesa; minimal facilities in Mesa; full range of services in Grand Junction.
Cost: None. Transportation to site, camping equipment, and own food.

Date(s): June 3 - 23. Must stay for at least one week. Application deadline is May 1.
Location: Hell Gap, Wyoming
Sponsor: University of Wyoming, George C. Frison Institute of Archaeology and Anthropology, Wyoming Archaeological Society, Wyoming Archaeological Foundation.
Work: Excavations, stratigraphy, computer support techniques, archaeomagnetic sampling, pollen/soil/flotation sampling, grid system setup. Volunteers are preferred with skills: excavation with trowel, bamboo, brush; three dimensional plotting of artifacts, FORTRAN coding and recording. Volunteers will be included into any field trips to nearby sites and into any crew workshops that occur during the course of their participation.
Facilities: Project provides meals and commute from Laramie. Volunteers must provide own travel to Laramie, tent and personal gear.
Cost: None.

Date(s): June 7 - 15
Location: Smoky Hill Jasper Quarries, Kansas
Sponsor: Kansas State Historical Society, Kansas Anthropological Association
Work: A pedestrian survey along selected portions of the Smoky Hill and Saline River drainages to identify the distribution and kinds of aboriginal quarries used to mine jasper from the Smoky Hill chalk formation of western Kansas.
Facilities: Motels and restaurants in the area.
Cost: \$15 registration fee and all personal expenses.

Date(s): June 8 - 15. Must commit to full session.
Location: Pike & San Isabel National Forests
Sponsor: PIT Project, PIT Traveler, Summer - Fall 1997, Page 14
Work: Picketwire Sites Inventory and Documentation on the Comanche National Grasslands. Volunteers will help archaeologists survey portions of the canyon to locate and record cultural resources. Among those expected are complex architectural and rock art sites dating to the Ceramic period (AD 800-1200). Specialized recording tasks include photography, site mapping, and rock art recording. This is an opportunity to hone your survey skills in a scenic and remote area. Volunteers must be in good health and able to hike over rough terrain in hot weather; experience in photography, site mapping, and rock art recording desirable.
Facilities: Forest Service bunkhouse facilities and camping space available in the Picketwire Canyonlands; no commercial lodging near this limited-access area; participants responsible for own food and drinking water; cooking facilities available. La Junta is 35 miles away.
Cost: Transportation to site, camping equipment, and own food.

Date(s): June 14 - 15
Location: Wyoming
Sponsor: Nature Conservancy Ten Sleep Preserve
Work: A pedestrian survey specifically for the recording of rock art features.
Facilities: More information to be provided.
Cost: More information to be provided.

Date(s): June 26 - July 18, application deadline is May 1.
Location: Indian Caves, Pawnee Grasslands, west of Sterling, Colorado
Sponsor: PIT Project, Director is Dr. Robert Brunswig.



CALUMET - April, 1997

Work: Project includes survey along the creek southwest of last year's camp, GPS and GPR survey, survey in Battle Canyon (private land).

Facilities: Volunteers must provide own camping gear, food, equipment, and insurance.

Cost: None.

Date(s): **June 28 to July 7**, application deadline is May 1.

Location: Black Mountain Archaeological District, north-central Wyoming.

Sponsor: BLM, University of Wyoming

Work: The district consists of multiple component, Paleoindian to Late Prehistoric localities, including open-air sites and several dozen rockshelters, which have produced several thousand pieces of chipped stone, a large quantity of bone, and minor quantities of charcoal and other materials. This year's investigation will continue the testing of two rockshelters, excavating several hearths exposed during previous investigation and sampling for plant remains and radiocarbon samples. Volunteers are preferred with skills: excavation with trowel, bamboo, brush; three dimensional plotting of artifacts, FORTRAN coding and recording.

Facilities: Project provides meals and commute from Laramie. Volunteers must provide own travel to Laramie, tent and personal gear. **Volunteer space is limited - apply early.**

Cost: None.

Date(s): **Mid-July to late August** or early September.

Location: Surveying of high altitude locations

Sponsor: Jean Kindig

Work: Survey of promising locations above and slightly below tree-line.

Facilities: Most surveys will be day-trips.

Cost: None. Volunteers must provide transportation, food, equipment, and insurance.



Date(s): **July 12-26**, application deadline is May 1.

Location: Middle Park Paleoindian Project, Kremmling, Colorado.

Sponsor: BLM, SHPO, and University of Wyoming

Work: This project is an ongoing study of Paleoindian occupations of high altitude Rocky Mountain regions (one site, a bison-bone bed, has yielded a date of 10,400 BP). Middle Park is among a few of the high mountain basins providing information about this earliest period of human occupation of North America. This year's investigations will concentrate on the Barger Gulch and 5GA639 (Cody-like material and bison bone) localities. Prior test units will be completed. Volunteers are preferred with skills: excavation with trowel, bamboo, brush; three dimensional plotting of artifacts, FORTRAN coding and recording.

Facilities: Volunteers are responsible for all except meals and local commute. Must bring tent and personal gear.

Cost: None.

Date(s): **July 27 - August 2**. Must commit to full session.

Location: San Juan - Rio Grande National Forests

Sponsor: PIT Project, PIT Traveler, Summer - Fall 1997, Page 14

Work: Williams Creek Campground (5HN1) Site Testing and Evaluation. The project will involve test excavations and mapping at a prehistoric archaeological site located on Williams Cree, a snow-fed stream. Preliminary information suggests that the site was a seasonal campsite used by American Indians from Archaic to early historic times. A field trip to the nationally known Chimney Rock Archaeological Area, located 40 minutes from the site, is also planned.

Facilities: Spaces reserved for participants at Williams Creek Campground; potable water and toilets available; small general store and RV campground with shower facilities within 10 minutes of the site. Pagosa Springs is 30 miles away.

Cost: Transportation to site, camping equipment, and own food.

Date(s): **August 4-9**. Must commit to full session.

Location: Pike & San Isabel National Forests

Sponsor: PIT Project, PIT Traveler, Summer - Fall 1997, Page 13

Work: Marble Caves Restoration. Hardy volunteers are needed to help search the entrances and near interiors of the caves for potentially significant archaeological remains. We will record any noteworthy features and artifacts, and remove graffiti and trash. The investigations will be supervised by a professional staff archaeologist. Experienced spelunkers will also be on hand to instruct our volunteers about caves and their natural history. Volunteers must be

physically fit and able to hike long distances at high elevations carrying a backpack and to work in cramped spaces; archaeological and spelunking experience are desirable.

CALUMET - April, 1997

Facilities: The Forest Service will furnish field camp convenient to the caves, pack-in assistance for personal gear and supplies, and appropriate protective clothing and equipment for working in the caves. Westcliffe is 13 miles away.
Cost: None. Transportation to site, camping equipment, and own food.

Date(s): **August 10 - 17.** Must commit to 4 days.

Location: Grand Mesa, Uncompahgre, & Gunnison National Forests

Sponsor: PIT Project, PIT Traveler, Summer - Fall 1997, Page 12

Work: The Denver, South Park and Pacific Railroad and its successors operated from 1881 to 1910 in what is now the Alpine Tunnel Historic District. The Alpine Tunnel, the highest and longest narrow-gauge tunnel in North America, was the first railroad tunnel excavated through the Continental Divide. Over the past three years, PIT volunteers have helped to prepare the tunnel complex and 13 miles of railroad for public viewing. This year, volunteers will help excavate the engine house turntable and repair the coaling platform. Volunteers must be in good physical condition and able to work at high altitudes; small construction equipment is welcome.



Facilities: Forest Service campgrounds nearby; lodging in Pitkin and Gunnison.

Cost: None. Transportation to site, camping equipment, and own food.

Date(s): **August 17-22.** Must commit to full session.

Location: Pike & San Isabel National Forests

Sponsor: PIT Project, PIT Traveler, Summer - Fall 1997, Page 13

Work: Kenosha Pass Interpretation. Volunteers will help re-lay 150 feet of narrow-gauge rail at the former station house location and collect historical-period artifacts from areas to be affected by the restoration. We also need help in building a fully accessible trail adjacent to the rail along the parallel railroad grade. We invite you to come and help us recapture a part of Colorado's past. Experience and interest in historical archaeology and historic railroads desirable; skill with hand tools desirable.

Facilities: Free camping at nearby Timberline Campground; campground has picnic tables, fire grates, and toilets; motel and resort accommodations at several locations in the North Fork Valley. Bailey is 15 miles away.

Cost: None. Transportation to site, camping equipment, and own food.

Date(s): **August 30 - September 6.** Must commit to 7 days (Weekends included).

Location: Pike & San Isabel National Forests

Sponsor: PIT Project, PIT Traveler, Summer - Fall 1997, Page 14

Work: Picketwire Canyonlands Burned Area Resurvey on the Comanche National Grasslands. The devastating 1996 canyon fire affected many NRHP-eligible properties. Volunteers will relocate and evaluate sites using pre-burn data. Damaged sites will be photographed and mapped using global positioning system (GPS) technology. Participants will experience the spectacular Purgatoire River canyon, a remote and scenic environment. Also planned are field trips with agency paleontologists to the longest dinosaur tracksite in North America. Photography, map-reading skills, and experience with site recording desirable; must be able to hike in rugged terrain.

Facilities: Dormitory-style accommodations at Forest Service housing in Picketwire Canyon, limited facilities; campgrounds available in area; participants required to bring own sleeping bags and personal items. La Junta is 35 miles.

Cost: Transportation to site, camping equipment, and own food.

MEMBERSHIP RENEWALS

The following members have renewals due in April, 1997 (forgive us if you have already renewed):

Leni Clubb, Connie M. Duras, Ed Grafrath, Michael/Hal/Zack Landem, Stan Vera/Rose Womack, Frank Schaller, Colleen and Calvin Schilling, Frank Merrem Jr., Isadore Million.

The following members have renewals due in May:

Pam and Quentin Baker, Tom/Ginny/Chris Cree, Ann and Russell Hayes, Martha Patterson, Robert Powell, Laura Viola, Marcia Tavel, Doak Heyser, Paul Lundy.

The following members have renewals due in June:

Mary and Vernon Derr, Kenneth R. Evans, Hilary Reynolds-Burton.

CALUMET - April, 1997

WELCOME to our new members!

New Members in 1997

New Members to date in 1997: Judy and Joe Evans, Elaine Hill, Roger and Nancy Markham, Eugene and Kathy O'barr, Joan Prebish, and Hal Ravesloot.

New Members in 1996

New Members in 1996: Amy Belcher, Paul Cackler, Steve Lekson and Cathy Cameron, Mary Folsom, Priscilla Ellwood, Karen Good, Doak Heyser, Paul Lundy, Frank Merrem Jr., Cindy Miller, Isadore Million, Elizabeth Novak, Michael Oberndorf, Marcia Tavel, Allan Taylor, Virginia Yarberry.

The Calumet - 10 Years Ago

Calumet Editor Michael Kimble reported that the January (1987) speaker, Meg Van Ness, converted her honorarium into a membership in the Native Seed Search, an organization that collects and preserves the seeds utilized by the Native Americans. Two volunteer opportunities were listed for work at Yellow Jacket with Fred Lange and in Routt National Forest with Bob Nykamp. President Sue Struthers wrote about a survey at White Rocks, planned for Sunday, May 3rd.

Mary Derr provided this recipe for Hopi Hush Puppies:

2 cups, blue cornmeal	2/3 to 1 cup, milk	shortening or oil for frying.
1 teaspoon, salt	2 large eggs, beaten	
2 teaspoons, baking powder	1 small onion, finely chopped	

Mix all ingredients together until they have the consistency of fairly thick pancake batter. Drop by teaspoonsful, three or four at a time into 1 ½ inches of hot shortening. Fry until golden brown. Delicious with fish.

The Calumet - 5 Years Ago

Dr. Gordon Tucker is scheduled to present "Archaeology on the New Denver Airport Site". Chapter President Ann Hayes reported on the March presentation by Dr. Jim Benedict and the very favorable press notices in the Boulder Daily Camera. Vice-President Steve Montgomery reported on a planned field trip to visit the Sawtooth Game Drive in the Indian Peaks Wilderness. Calumet Editor Ed Grafrath reported about a PIT Project to survey the Flattops Wilderness.

Article Submission for Current Calumet

It is our intention to continue to have each issue of the Calumet in the hands of recipients by the first of the month. To accomplish this, the deadline for Calumet articles will be the 20th of the month. **All members are invited to send information for inclusion in the Calumet. Newspaper articles are perfect** - we will utilize them (note which newspaper and the date). Articles will also be accepted in typed or hand-written form. But e-mail attachment or a diskette containing WordPerfect or MS-Word files will be the easiest to handle. Reports on activities by club members are very important. Please include photographs of activities, especially of club members, whenever possible. Send articles to: Tom Cree, 39 Cornell Drive, Longmont, CO 80503-2103 or electronically to: tlc@lanminds.net

IPCAS Board Meeting Minutes

March 6, 1997

Meeting called to order on 3/6/97 at 7:30 PM at the Boulder Police Department Community Room. Present: Avery, Cree, Hayes, Holien, Landem, Miller, Morrell, Patterson, and Shay.

Secretary's Report (Holien): February minutes approved with correction under President's report of "Rocky Mountain News" Web Site to "IPCAS" Web Site.

Treasurer's Report (Owens): Not Available.

Vice-President's Report (Cree): Additional volunteer opportunities to be listed in the April Calumet. Fall lecture schedule to date: Dr. J. Ravesloot for September, Dr. R. Hohlfelder for October, Dr. P. Sheets for November.

President's Report (Landem): IPCAS Web Site changes: Mike will have assistance from Cree, Heyser, and Miller. Addition of PIT Traveler. Still pursuing a Geologic Tour of NE Colorado for June 13-14. May be a fee of \$10. Magnolia Survey looks good - will need a Principle Investigator, formal Research Design and permit.

More discussion about the May Special Event. Date set for Sunday, May 18 at Boulder High for program by David Lewis-Williams - Rock Art of South Africa. Looked at budget projections. Began list of volunteers for specific associated activities.

Unfinished Business: Storage space - Avery has set up a reading library for IPCAS. Montgomery does not need additional space. Ann Hayes and Vicky Walsh presented program at Platte Elementary School on 2/26 for B. Huemann's class using the Rock Creek Trunk and High Altitude Archaeology materials. Cree's suggestion to expand Calumet to 10-12 pages as cost effective. Motion made and passed to accept expanded issues.

New Business: Shay will make contact with members who have expired memberships as well as those people who attend our monthly meetings.

Attendance at last month's meeting was 48. CCPA meeting is March 14 & 15 in Golden.

Meeting adjourned at 9:20 PM. - Kris Holien, Secretary -

This newsletter is published monthly (except during the Summer) by the Indian Peaks Chapter, Colorado Archaeological Society. The views expressed in articles or editorials appearing in this publication do not necessarily reflect those of the membership or the Executive Board of the Indian Peaks Chapter, Colorado Archaeological Society.

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Please check the club web-site at: <http://www.netone.com/~mlandem>.

MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER

____ **Individual** \$25 / Year ____ **New** _____ **Date**
____ **Family** \$28 / Year ____ **Renewal**

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, send a #10 SASE and you will receive a membership card, a member list, and a copy of our bylaws. You will receive the **Calumet**, our monthly newsletter, and **Southwestern Lore**, the quarterly publication of the Colorado Archaeological Society. And you will have opened the door to Colorado Archaeology.

CALUMET

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