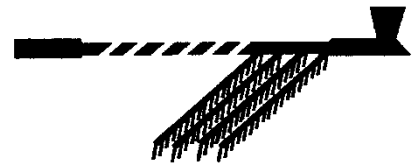


# CALUMET



CONSERVATION      PRESERVATION  
EDUCATION          EXPLORATION

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

## CALENDAR OF EVENTS

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

November 6 Board of Directors, Boulder Police Community Room, 7:30 PM.

**November 13 IPCAS General Meeting, 7 PM.** Two speakers will be featured. Members Janet Lever and Ann Phillips will describe some of their work this summer. Janet will present slides and discussion on Baird's Cheylon Steps in Arizona (see her article that begins on page 3). Ann will present on the Arch Canyon Ruin in Utah. **Directions to the meeting location are in the map to the right.**

November 18 High Altitude Symposium as part of the Plains Anthropological Conference. In Boulder (probably on campus). The conference will be full-day sessions starting with geomorphology and paleoenvironment and then into the prehistory. Probable presenters include Bonnie Pitblado (Caribou Lake) and Bob Brunswig (West Stoneham).

December 4 Board of Directors, Boulder Police Community Room, 7:30 PM.

December 11 **Christmas Party.** Location and time to be determined.

**January 8, 1998 IPCAS General Meeting, 7 PM.** Bob Powell. Topic: Oaxaca.

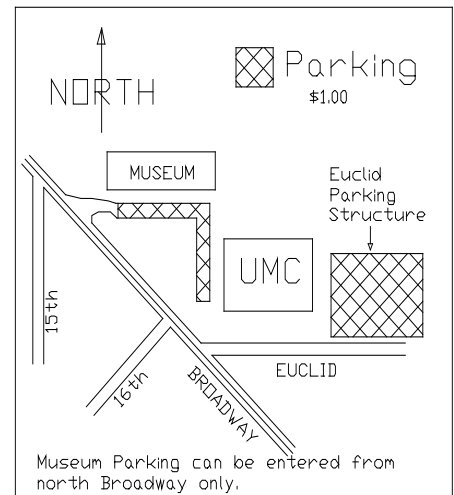
The Mexican state of Oaxaca (pronounced "wa-há-ka") marks the break between North American central Mexico and Central America. From the earliest times, the central valley and hills of Oaxaca were inhabited by the same Zapotec and Mixtec Indians who form the bulk of the population now. Their ancient sites - Monte Albán, Dainzu, Zaachila, Lambityeco, Yagul, and Mitla - are less well known than their contemporaries in central and eastern Mexico, but are every bit as important and impressive. Monte Albán has been designated a World Heritage Site. IPCAS member Bob Powell will present his investigations and photographs of the area.

February 5 Board of Directors, Boulder Police Community Room, 7:30 PM.

**February 12 IPCAS General Meeting, 7 PM.** Kim Malville. Topic: The Astronomy of Chimney Rock. IPCAS Member Kim Malville, CU Professor of Astrophysics and Planetary Sciences, will describe his work at the Chimney Rock Site in southwestern Colorado. Because of its unique topography, Chimney Rock contains a number potential calendrical stations which may have sent calendrical information to Chaco via Huerfano Peak. Besides the moon appearing between the double pinnacles at major lunar standstill, the sun rises between them every equinox as seen from the Piedra Overlook. Another example of

astronomy

is the summer solstice sun rising along the north wall of the Chimney Rock Pueblo as viewed near the great kiva. Beginning around A. D., 1050 people with Chacoan connections began living on the high mesa and appear to have watched the heavens closely.



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**CALENDAR OF EVENTS - Continued**

- March 5 Board of Directors, Boulder Police Community Room, 7:30 PM.  
**March 12** **IPCAS General Meeting, 7 PM.** Cathy Cameron and Steve Lekson. Topic: Bluff Great House. During the summer of 1996, IPCAS members Steve and Cathy, began excavating an Anasazi site just over the Utah border near Bluff. The site includes the remains of a two-story community building, a great kiva, and a series of prehistoric roads, built during three separate periods. Although not as carefully crafted, the Bluff Great House is similar to structures in Chaco Canyon. The CU team has collected thousands of pottery shards that appear to date the site from about 600 A.D. to 1300 A.D. The 1997 season started the first week of June and was partially sponsored with a grant from the National Geographic Society.
- April 2 Board of Directors, Boulder Police Community Room, 7:30 PM.  
**April 9** **IPCAS General Meeting, 7 PM,** Doug Bamforth. Topic: Warfare on the Plains. Doug will present information about archaeology at specific sites that provide information about the battles and warfare on the prehistoric great plains. He warns that parts of the presentation get very gruesome (even horrifying) and attendees should be prepared for some intense evidence.
- May 7 Board of Directors, Boulder Police Community Room, 7:30 PM.  
**May 14** **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.

**October Meeting**

Dr. Hohlfelder provided a very interesting presentation on Aperlae. His work continues on the project and we look forward to hearing about the 1998 season results. His topic was enjoyed by the 90 persons in attendance. Because of the large number, the list of visitors will not be published.

**IMPORTANT NOTICE ⇨ Complementary Calumet Issues**

Due to budgetary constraints, our chapter must restrict the number of complementary issues of the Calumet. If your address label does not have a date immediately above your name, it is a complementary issue. While we will retain a few complementary issues, the large majority will not be provided - ceasing with the January, 1998 issue. We apologize for any inconvenience that this may cause our readers. We encourage you to consider membership in our organization - a membership form is on page 10.

**Welcome to New Members**

We would like to welcome our new members: Patricia Adler of Nederland; Bart and Linda Beverly and Family of Broomfield; Susan Roberts of Littleton; Sloan, Mark, Nick, and Sydney Schwindt of Boulder; Julie Watson of Morristown, New Jersey. We hope to see you at our meetings, the Christmas Party, and working on one of our many projects.

**W Q P M**

**Baird's Chevlon Steps**

(Standing on a Corner in Winslow, Arizona)

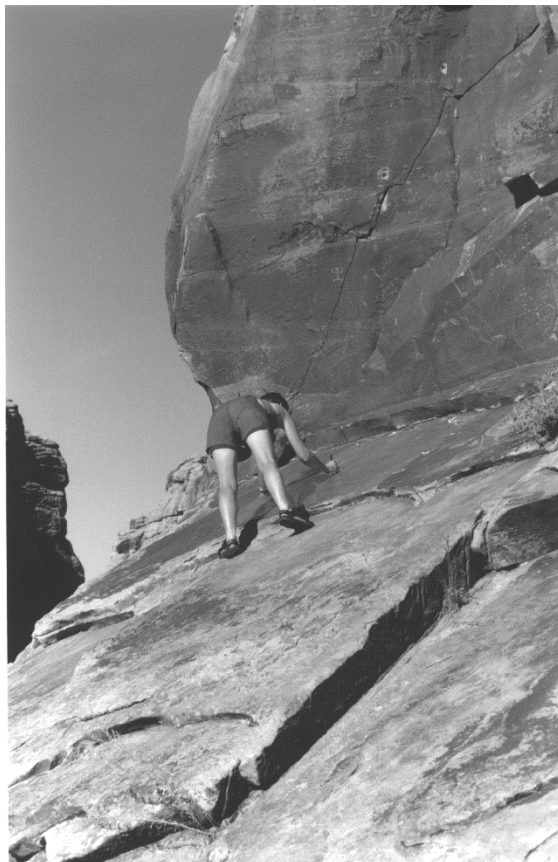
by Janet Lever

My car mechanic asked recently, "Where the hell have you been doing all this driving"? My truck has over 187,000 miles on it! I had the privilege and pleasure of driving to Winslow, Arizona for a week of rock art recording at the end of September with the Arizona Archaeological Society. Their ongoing project to record and study the rock art at Baird's Chevlon Steps, on a tributary of the Little Colorado River, takes place spring and fall, with volunteers and graduates of the A.A.S. Field School run by Jane Kolber.

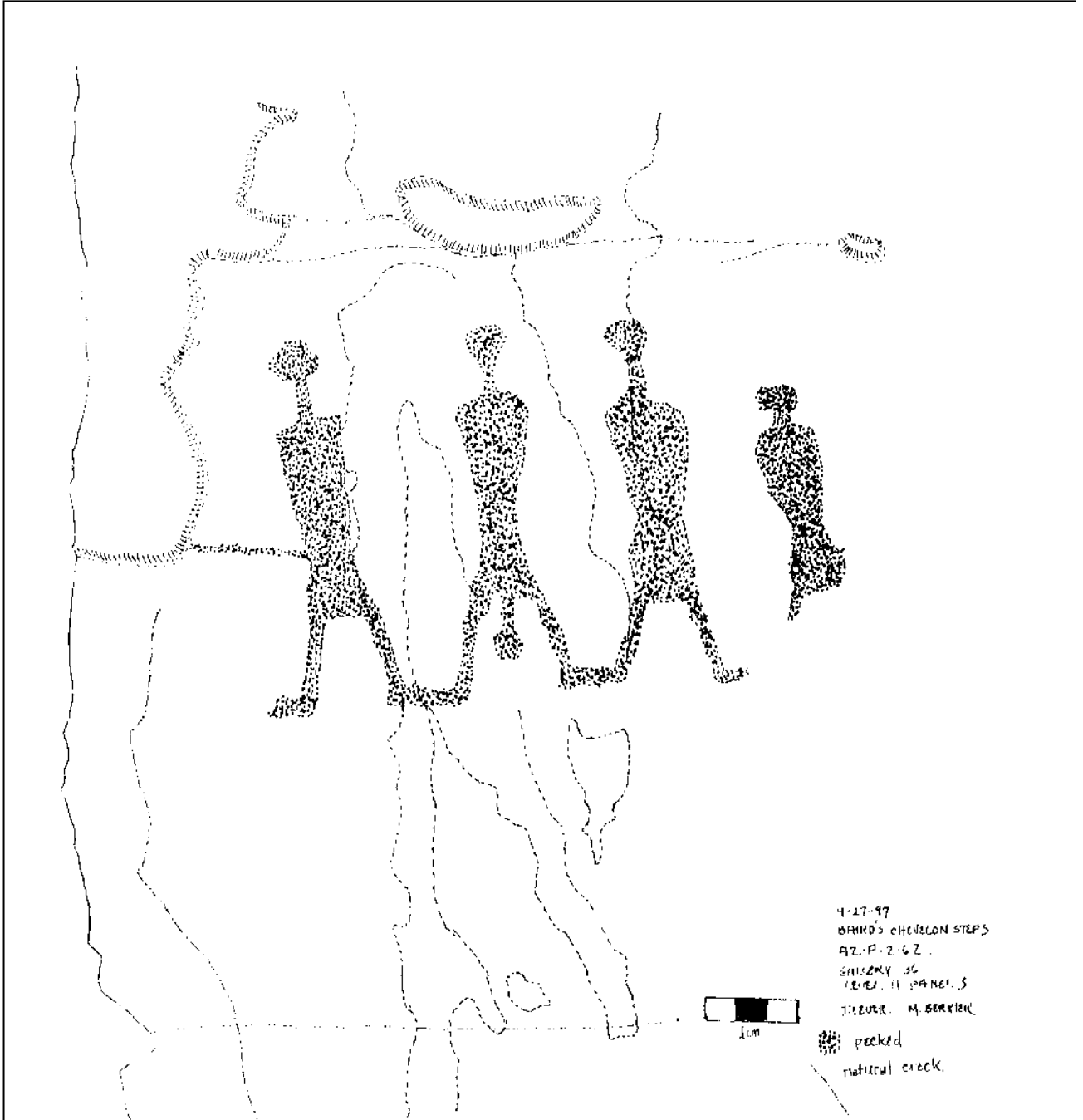
The purpose of my participation was to include tracing in the documentation techniques used by the group. Panels with particularly obscure images of rock art (due to repatination as well as ongoing weathering processes) were chosen. While other team members continued with scale drawings, photographs, forms and element analysis, Margaret Berrier and I negotiated the waters of Chevlon Creek and set up our sheets of mylar and plastic film.

Before putting pen to film, however, there was always an interesting discussion of each panel: why is it on this rock surface; what are the various layers of pecking; what can we see at this time of day; what is the relationship of this panel to the rest of the canyon, so rich with petroglyphs, plant and animal life, and signs of earlier human occupation. A secure rope would have been nice at times and, in the afternoon sun, the black patinated sandstone was hot enough to fry an egg! So you choose your working hours carefully and try not to upset any fast-moving lizard; move slowly on steep slabs of rock with precarious footing.

Tracing enables the recorder to "get in touch" with the process of making petroglyphs, pecked and re-pecked, elements interwoven and superimposed. What you see and feel is part of the documentation process; cracks and shifts in the rock surface, lichen and weathering, mineral deposits and water marks - all are drawn. I suppose it is our goal to put the **art** back in rock art recording. Perception is followed by careful execution and the finished document is an accurate whole: this is what we experienced.



"Precarious" is the proper description for recording the rock art images at Baird's Chevlon Steps. The photo at the left shows Margaret Berrier in the difficult posture and positioning necessary to perform the recording.



Shown above is a panel from Baird's Chevlon Steps.

**Another Rock Art Recording Volunteer Saga**  
by Janet Lever

This September, I got a phone call from Mark Mitchell, the Forest Service Archaeologist in charge of a PIT Project in southeastern Colorado. The project consisted of re-surveying rock art sites after a fire in the Summer of 1996 and recording some of these sites with a small team of volunteers.

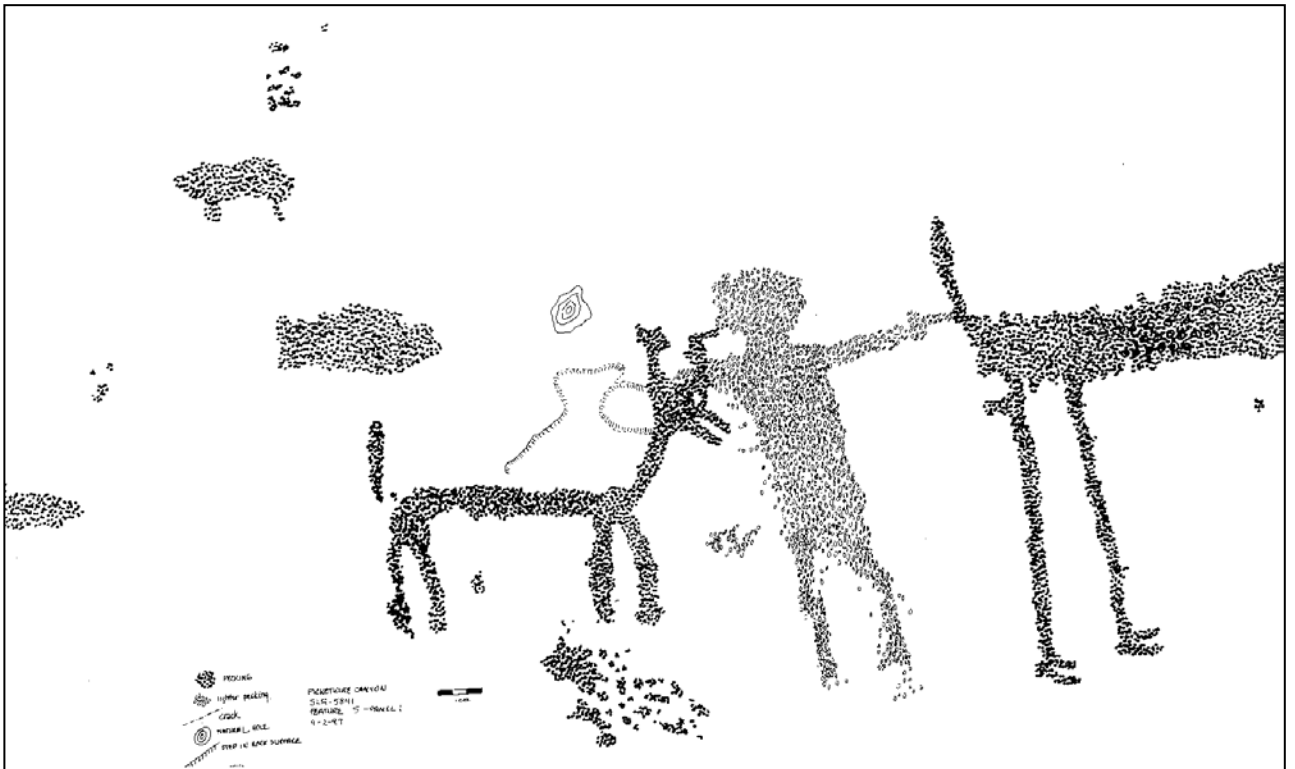
The Picketwire Canyons may not hold the most spectacular rock art in North America, but the context of a lesser known culture and the challenge of locating older repatinated panels, as well as those burned and spauled, made the week very worthwhile.

With the help of previously made maps (though a number of panels were missing), we spent the first day locating, discussing, taking photographs, and tracing. Site data had already been collected. The task of coordinating a volunteer group of mixed skills and interest levels was maintained by a relaxed but focused Principle Investigator (Mark Mitchell) and a determined rock art recorder (yours truly). Getting people to look at the whole site: related ground stone and lithic scatters, proximity to the river below, and the cliffs and structures above as goal number one.

Specific panels were examined and materials for tracing were set up. As interesting quadruped and enigmatic abstract meanders and grids emerge on the tracing, one can't help but wonder, "Who made these petroglyphs and why"?

The fires of the previous summer had impacted several panels. Closely growing juniper trees had burned and affected the adjacent sandstone - blackened with soot and scorched red-orange. In some cases, the stone had been blown away by the heat of the fire (makes you want to hurry up and record what is still intact!). Management suggestions will be made to the Forest Service to clear close growing pinon and juniper from the petroglyph panels. Hundreds of sites remain to be recorded...next field season. One panel is shown below.

So for the past week, I've been redrawing the tracings, remembering the days in the canyon, and hoping that these clear recordings will become part of the information that the Forest Service uses to understand the pre-history of the Picketwire Canyons, as well as educate a growing number of visitors. I would encourage other rock art researchers with field experience and a little extra time to share their knowledge with Passport In Time (PIT) Projects.











### Membership Renewals

The following members have renewals due in November:

Fredric J. Athearn, Mac Avery, Dorothy & Yardley Beers, Amy Belcher, Warren Bradshaw, Kevin Gilmore, Jim Morrell, Anne & Bob Mutaw, and Candice Nelson.

The following members have renewals due in December:

Steve Montgomery and William Rosquist.

### On The Internet

#### **Our Web-Site at <http://www.netone.com/~mlandem>**

Please take the opportunity to view the changes that have occurred on our web-site, the Colorado Archaeology Network. We support a copy of the Summer-Fall 1997 PIT Traveler, with state and topic indexes. Currently, we support or connect to the chapters at Denver, Pueblo, Fort Collins, Cortez, our own chapter.

### The Calumet - 10 Years Ago

Lee and Sue Lacey reported that the Areal Projectile Point Distribution Analysis and Recording Project was coming to the local chapter. Sue Struthers stated that the next CAS Quarterly meeting would be held in Boulder, hosted by the Lyons chapter. Larry Riggs gave information about the chapter library, its use, and its contents.

### The Calumet - 5 Years Ago

The Indian Peaks Chapter is putting a group together to visit the Aztec Exhibit at the Denver Museum of Natural History. The Calumet also contain information about the expansion of the NIST Federal Center in Boulder. A tour of a stone circle site on the City of Boulder Open Space was offered to members. The tour was to be hosted by David Tucker, a CU graduate student, on the Saturday after Thanksgiving. The local chapter also announced a tour of Belize to be held March 20-28 with Jean Kindig and Ann Hayes as tour coordinators.

### Article Submission for Current Calumet

The deadline for Calumet articles is the 20<sup>th</sup> of the prior month. **All members are encouraged to send information for inclusion in the Calumet, especially articles regarding projects and work that club members have done.** E-mail attachment or a diskette containing WordPerfect or MS-Word files are best but typed or hand-written articles are acceptable. Please include photographs, especially of club members, whenever possible. Send articles to Tom Cree, Calumet Editor.

### September Executive Board Minutes

Meeting called to order on 9/4/97 at 7:30 PM at the Boulder Police Dept. Present: Braitberg, Cree, Holien, Landem, Montgomery, Owens, Patterson, and Stinson.

**Secretary's Report (Holie):** August minutes approved.

**Treasurer's Report (Owens):** Balance \$1567.30.

**Vice President's Report (Cree):** Will continue with duties as editor of THE CALUMET.

**President's Report (Landem):** Magnolia Survey: Start-up scheduled for spring 1998. Will organize a committee by November to oversee project. Big Rock/YMCA (Estes Park) Excavation: set for 7 weekends in Sept. and October with Brunswig, Braitberg and Kindig. Lodging and meals for volunteers provided by YMCA.

**Unfinished Business:** North Broadway Game Drive site: Montgomery will contact Lippincotts for survey information to make final report to state. Per Montgomery, 4th of July Mine Site balance and project are closed out with USFS. St. Vrain surveys are on hiatus during Oberndorf's absence.

Ann Hayes new e-mail: [annhayes@compuserv.com](mailto:annhayes@compuserv.com). Dick Owens new e-mail: [rowens@creosintl.com](mailto:rowens@creosintl.com) Kris Holien e-mail: [kris\\_holien@nps.gov](mailto:kris_holien@nps.gov)

**New Business:** Firmed up nominations for upcoming officers and executive board election. Reviewed duties of each office. Stinson will handle emcee duties for September General Meeting. Plains Conference dates are Nov. 19-22 in Boulder.

Meeting adjourned at 8:20 PM. -- Kris Holien, Secretary --

This newsletter is published monthly (except June and August) 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.

**1997 Officers and Board Members**

President	Michael Landem	(303) 499-9877	mlandem@netone.com
Vice-President	Tom Cree	(303) 776-7004	tlc@lanminds.net
Treasurer	Dick Owens	(303) 650-4784	rowens@creosintl.com
Secretary	Kristine Holien	(970) 586-8982	kris_holien@nps.gov
CAS Representative	Cindy Miller	(303) 530-9856	cmiller@digitalglobe.com
Professional Advisor	Jean Kindig	(303) 443-1702	archaeomom@idcomm.com
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Board Member	Cheryl Damon	(303) 678-8076	cherdam@compuserve.com
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Board Member	Ken Larson	(303) 469-2228	kglarson@ix.netcom.com
Board Member	Steve Montgomery	(303) 443-4414	
Board Member	Jim Morrell	(303) 652-2874	
Board Member	Martha Patterson	(303) 651-2596	
Board Member	Hilary Reynolds-Burton	(303) 530-1229	hilary@plugin.com
Board Member	Donna Shay	(303) 443-3273	
Board Member	Russell Smith	(303) 776-5503	rdsmith@lanminds.net

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

<b>MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER</b>		
<input type="checkbox"/> <b>Individual</b> \$25 / Year	<input type="checkbox"/> <b>New</b>	<input type="text"/> <b>Date</b>
<input type="checkbox"/> <b>Family</b> \$28 / Year	<input type="checkbox"/> <b>Renewal</b>	
<b>NAME</b> _____	<b>TELEPHONE</b> (____) _____	
<b>ADDRESS</b> _____	<b>E-MAIL</b> _____	
<b>CITY</b> _____	<b>STATE</b> _____	<b>ZIP</b> _____
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 <i>Calumet</i> , our monthly newsletter, and <i>Southwestern Lore</i> , the quarterly publication of the Colorado Archaeological Society. And you will have opened the door to Colorado Archaeology.		

**CALUMET**

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