Cases of trauma-related violent death among the Anasazi culture of the American Southwest have been documented since the beginning of archaeological study in the region. Researchers have reported these deaths as having been caused through violent activities associated with warfare, cannibalism/witch execution and violence against women. Although trauma-related death has been discussed cursorily for a long period of time, in recent years it has received much attention as a legitimate study in and of itself. Several books have been written that focus on the subjects of warfare and cannibalism among the Anasazi. This study seeks to further the inquiry into violent death by comparing trauma-related death to non-trauma-related death in the Anasazi culture. Specifically, this study seeks to identify patterns of behavior preserved in the archaeological record between those who died traumatically and those who did not among these prehistoric people. This goal is achieved by analyzing burial data from 1803 individual burials and burial groups, spatially and temporally, distributed across the Anasazi Culture Area. These human burials are placed within their specific archaeological context with regard to body position, grave type, the presence or absence of grave goods, and the location of the remains within any given archaeological site. Patterns identified through statistical analysis and contextual observation are discussed in terms of potential cultural meaning.

John Cater founded Aztec Archaeological Consultants in 2003, in Aztec New Mexico. He serves as a Principal Investigator and Company President. Over a career spanning nearly 30 years he has conducted over 600 surveys and has been involved with over 25 excavations, and has written over 200 reports and publications. He has worked in Colorado, New Mexico, Arizona, Utah, Wyoming, North and South Dakota, Minnesota, Michigan, Wisconsin, and Iowa. Dr. Cater has followed prehistoric violence for most of his career and this became the center of his doctoral research at the University of Leicester, U.K. He is currently working on publishing the dissertation which should be out sometime in 2011.

EDITORS NOTE: Dr. Carter was unable to present the November program due to weather problems and has rescheduled for January. We appreciate his tenacity and look forward to his presentation.
NOVEMBER PROGRAM REPORT
"Petroglyph Maps of the Uncompahgre" Presented By Carol Patterson
Report by Laurie Labak with added commentary, maps and rock art recordings by Carol Patterson

Watch out. It’s contagious. Rock art fever. If you’ve attended one of Carol Patterson’s rock art programs, you’ve caught it for sure. Before you know it you’ll be scrambling up steep slopes, sneezing in sage pollen, and squinting to see faint scratches in stone. At the November 2010 regular meeting of Chipeta Chapter, Dr. Carol Patterson presented a program on rock art maps of the Uncompahgre Plateau. She has found that prehistoric people made petroglyph maps that delineate rivers, canyons, trails and game catchment areas.

The program included a brief chronology of petroglyphs of the Uncompaghre Plateau. Archaic rock art, from 3000 BC to 200 BC, features large-bodied animals, atlatl throwing spears and shamans. The Formative Period, 200 BC to AD 1300, depicts game animals with bow-and-arrow hunters. Rock art after AD 1200 begins to include Numic traits, such as Ute shamans seeking the power of the emerging, hungry bear in spring.

Maps and Trails

To the Utes trails were sacred and were the first thing the creator put down on the earth after it was formed. The Utes left petroglyph panels depicting trails that lead throughout the Uncompahgre Plateau. Some of them indicate hunting strategies, while others record the existing routes through canyons and rough terrain.

The meandering lines often seen in rock art panels are not always abstract motifs, said Carol, but instead can be working maps. These rock art maps and hunting plans orient to the south. Carol’s friend Clifford Duncan, a Ute elder, suggested seeing these maps through Indian eyes. South points skyward, toward the top of the panel, while north points to the bottom of the panel and the ground. East is toward the panel’s left, and west is to the right.

Carol superimposed the petroglyph over a modern topographic map. “These rock maps show where Ute hunting parties can drive game to a high spot, a common way to hunt,” said Carol. Circles depict hilltops and game catchment areas. Zigzags line up with rivers. Ridge lines and drive trails are also represented. “Utes and Paiutes were very specific about ways to represent their surrounding locale,” explained Carol, with identifying symbols for places, streams, and trails.

Petroglyph at Shavano, rotated and superimposed on the topo map of the Plateau in illustrations to the right.
These illustrations show the rock art panel near Dry Creek, rotated and superimposed on a topo map of the adjacent area. Hunters know that game animals naturally move from lower elevations to higher points and circle around, when pursued by a hunter. This map is a simple hunter’s guide to the local terrain and animal behavior.

Carol encouraged Chipeta members to join field trips and rock art recording projects. “Once you get turned on to these maps, they’re everywhere.”

Dr. Carol Patterson is an anthropologist who specializes in rock art interpretation. In past years, Carol has presented four Chipeta Chapter programs: Dark Sparklers, Yidumduma’s Aboriginal Astronomy, Northern Australia; Shamanism and Sorcery in Rock Art of Australia and Hawaii; Rock Art of the Chao Valley, Northern Peru; Evening at Cross Mountain with Clifford Duncan. Chipeta Chapter is extremely grateful to Dr. Carol Patterson for sharing her enthusiasm and expertise, energy and hard work with the membership. Thank you!

Map Rock at Smith Fork of the Gunnison Gorge indicates where the Ute trail comes in and crosses the river and leads up to Black Ridge. Circled areas fit on top of two extensive petroglyph sites. The center line lines up with the Gunnison Gorge.
PRESIDENTS CORNER
January 2011

Dear Members,

Let us ring in the New Year with some new board members and a great line up of speakers for 2011. The Chipeta Chapter 2011 elected Executive Board will be as follows: I will remain President; Chuck Richie - Vice-President; Linda Manske - Treasurer and Marcia Colman - Secretary. Beverly Kolkman is our new CAS representative, also a board position. Connee Moffatt is our new PAAC representative, Tricia Wilson - Publicity Representative and Refreshments Coordinator, John and Carla Sanborn - newsletter editors and Bill Manske - monthly meeting host.

Ed Horton our field trip coordinator is bringing together more fascinating field trips, and as the weather warms up, he will rally the troops and head out. Glade Hadden of the BLM has scheduled a rock art and camp site field survey in Paradox Valley this summer, with hopefully a pre-survey campout in April or May before the Juniper gnats hatch. Chipeta volunteers need to sign up. Chipeta members who participated in the Shavano survey may be invited back this spring to finish recording the sites up top. Contact me if you are interested in joining the volunteer team.  ~~~Carol Patterson

UNAWEEP CANYON FIELD TRIP
December 10, 2010

All on a winter's day, sixteen Chipeta members headed up Unaweep Canyon to visit several rock art sites. Ed Horton and George Decker led the group to a house-sized boulder featuring an imposing horned shaman figure. A nearby rock art panel invites further study of a possible petroglyph map. Across the canyon, the group examined the Alva rock shelter, where Bill Manske identified a hafted stone tool. At one rock art site Carol Patterson pointed out that several petroglyph images were not authentic but were modern copies. One image duplicates a Fremont figure from McKee Spring at Dinosaur National Monument. The group also examined several rock art panels in Cactus Park.
An important benefit of Chipeta Chapter membership is the chapter sponsorship of single- and multi-day archaeological field trips throughout the year. Stay tuned for announcements from Ed Horton, field trip

**BUSINESS SPONSOR:** We greatly appreciate the interest in and support for the Chipeta Chapter from:

Alpine Archaeological Consultants, Inc.

~~providing professional archaeological assistance and consulting~~

Street address: 900 South Townsend Avenue
Mailing address: P.O. Box 2075, Montrose, CO 81402
Phone: (970) 249-6761
E-mail: alpine@alpinearchaeology.com.

---

**CHIPETA CHRISTMAS PARTY**

**December 16, 2010**
**Friends, Food & Fun**

The Museum of the Mountain West set a colorful, historic backdrop for Chipeta Chapter’s annual Christmas Party, gracious hosted by Rich Fike, museum founder, and his wife Carol. Chapter members and guests strolled through the Old West streets and establishments. They mingled with friends and juggled plates heavy with holiday foods. They enjoyed a main street minstrel and a photo medley of 2010 chapter activities. 

~~Laurie Labak~~

### 2010 CHAPTER OFFICERS AND BOARD MEMBERS

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Carol Patterson</td>
<td>252-8679</td>
</tr>
<tr>
<td>Vice President/Programs</td>
<td>Chuck Richey</td>
<td>249-1751</td>
</tr>
<tr>
<td>Secretary</td>
<td>Marcia Coman</td>
<td>249-3479</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Linda Manske</td>
<td>209-6232</td>
</tr>
<tr>
<td>CAS Representative</td>
<td>Beverly Kolkman</td>
<td>835-4109</td>
</tr>
<tr>
<td>Appointed Members</td>
<td>Ed Horton</td>
<td></td>
</tr>
</tbody>
</table>

**Standing Committees (Per By-Laws)**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Trips</td>
<td>Ed Horton 874-5142, Chuck Richey</td>
</tr>
<tr>
<td>Publicity</td>
<td>Trish Winslow</td>
</tr>
<tr>
<td>Newsletter</td>
<td>Carla &amp; John Sanborn 874-8586</td>
</tr>
<tr>
<td>Nominating</td>
<td>(Appointed in the fall)</td>
</tr>
<tr>
<td>Library</td>
<td>Linda Manske, 209-6232</td>
</tr>
<tr>
<td>Professional Advisor</td>
<td>VACANT</td>
</tr>
</tbody>
</table>

**Other committees and posts**

<table>
<thead>
<tr>
<th>Committee</th>
<th>Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refreshments</td>
<td>Trish Winslow</td>
</tr>
<tr>
<td>Scholarship</td>
<td>Hal Manhart, 249-2017; Jon Horn, Bill Harris</td>
</tr>
<tr>
<td>Membership/Hospitality</td>
<td>Bill &amp; Linda Manske, 209-6232</td>
</tr>
<tr>
<td>PAAC</td>
<td>Connee Moffatt 243-8066</td>
</tr>
</tbody>
</table>
PAAC CLASS - February 25-28, 2011
Program for Avocational Archaeological Certification

Instructor: Kevin Black, Interim State Archaeologist, Colorado Historical Society

Subject: Colorado Archeology - 20 hour class
Course Description: Covers the major periods and cultures of Colorado’s prehistory concluding with a brief summary of historic period American Indian groups in Colorado.

   Friday 5:30 pm to 8:30 pm
   Saturday 9:00 am to 5:00 pm
   Sunday 9:00 am to 6:00 pm field survey trip
   Monday 5:30 pm to 8:30 pm

Registration: Sign up at Chipeta Chapter meeting or Contact PAAC chapter coordinator, Connee Moffatt, 2910 River Bend Lane, Grand Junction, CO 81503, Phone: 970-243-8066 Email: jcmoffatt_5@msn.com

Fee: $12 payable prior to class or at first class session, cash or check. Checks payable to: Colorado Historical Society PAAC

Location: Montrose Public Land Center complex, 2465 South Townsend, Montrose.
Directions: South on Townsend (highway 550) past the Oak Grove Rd stoplight and turn west (right) into Montrose Public Land Center.

Go past "Maps and information" sign to park in large gravel parking area west (behind) Public Land Center building. Your classroom is NOT in the main building with flagpole and visitors signs. Instead, walk to the one-story, tan brick, brown steel-roofed building that is just north, across entrance driveway, of the main Public Land Center building. Enter classroom at south end door of this north building. The Montrose Public Land Center has donated Classroom space; please direct PAAC questions to Chipeta Chapter coordinator Connee Moffatt, not to Public Land Center office.

Some students may have work hours that conflict with class hour schedule. Just come when you can. I'll get later arrivals quickly signed in and joining the class already underway.

For additional information or other available classes check the state wide PAAC info: coloradohistory-oahp.org

**Membership Renewal Alert**
A gentle reminder, the following membership renewals are due or overdue. Please contact Linda Manske, chapter treasurer, at 209-6232, if you have any questions or corrections.

C. Wesley & Wanda Allen  Russ & Patti Barr  Jack & Sarah Benham  Malcolm Bryan & Bonnie Beach
David & Linda Casey  Ed & Judy Cort  Rich & Carol Fike  Forest Frost & Karen Archey
Bill & Kathy Harris  Ed Horton  Marv & Judy Kieca  Tom & Pam Miller
Truman & Charlotte Peters  
Michael & Phyllis Rovella
Membership /Renewal Form
Chipeta Chapter of the Colorado Archaeological Society

Payment of dues is considered affirmation of consent to abide by the Code of Ethics of CAS.

Date:___________________.

Name(s):__________________________________________________

Address:______________________________________City:________________________ State:________
Zip:__________________Phone:__________________E-mail:________________________
( Used only by Chipeta & CAS)

___Renewal ___New Member  Are you a member of another CAS chapter?  Yes____  No____

Annual dues include membership in Colorado Archaeological Society (CAS).

___Individual* ( $23)                      ____Family* ( $30)           *Receives Southwestern Lore, the CAS journal
___Individual--No SW Lore ( $15)           ____Family--No SW Lore ( $20)

___Supporting Contribution - Amount________

I want to receive the Chipeta monthly newsletter via: _____Email or _____US Mail
I want to receive The Surveyor, the state newsletter via: _____Email or _____US Mail

Contact information about our members is never disclosed unless approved in advance by members.
I(We) give CAS permission to:
Yes_____No_____ disclose my/our phone number(s) to other CAS members
Yes_____No_____ publish my/our name(s)/contact information in a chapter directory
Yes_____No_____ publish my/our name(s) in a newsletters (which may be sent to other chapters, etc.)

As a member of the Colorado Archaeological Society, I pledge:
• To uphold state and federal antiquities laws.
• To support policies and educational programs designed to protect our cultural heritage and our
  state’s antiquities.
• To encourage protection and discourage exploitation of archaeological resources.
• To encourage the study and recording of Colorado’s archaeology and cultural history.
• To take an active part by participating in field and laboratory work for the purpose of developing
  new and significant information about the past.
• To respect the property rights of landowners.
• To assist whenever possible in locating, mapping, and recording archaeological sites within
  Colorado, using State Site Survey Forms.
• To respect the dignity of peoples whose cultural histories and spiritual practices are the subject
  of any investigation.
• To support only scientifically conducted activities and never participate in conduct involving
  dishonesty, deceit, or misrepresentation about archaeological matters.
• To report vandalism.
• To remember that cultural resources are non-renewable and do not belong to you or me, but
  are ours to respect, to study, and to enjoy.

Signature:________________________________ Signature:________________________________

Mail this page, with signature(s) to: Chipeta Chapter of CAS,
P.O. Box 593
Montrose, CO 81402
Pueblo County, CO, Seeks Federal Help Preserve Pinon Canyon

Pueblo County commissioners sent a letter this week to the Advisory Council on Historic Preservation, asking the little-known federal agency to intervene and oppose the Army in conducting further training at the Pinon Canyon Maneuver Site. The maneuvers endanger historic artifacts on the 238,000-acre range northeast of Trinidad, says the letter, approved Thursday. The Army’s use of Pinon Canyon has “demonstrated a pattern and practice of repeated violations of the National Historic Preservation Act,” it says.

http://www.chieftain.com/news/local/article_882d27f6-0a68-11e0-b096-001cc4c002e0.html

Looking at Ancient Big Horn Sheep Through Petroglyphs

Without question, the bighorn (Ovis canadensis) is the most imposing animal in the deserts of North America. Mature rams are known to attain weights in excess of 200 pounds and their massive curled horns seem almost fictional. Equally impressive is their remarkable agility on rocky terrain that covers their mountain habitat. Bighorn appear to escape gravity as they bound up hillsides and leap about canyon walls. These characteristics were not lost on American Indians who, in ancient times, scratched and painted the bighorn’s image on boulders and rock walls throughout the Southwest. These petroglyphs and pictographs depict bighorn in a variety of ways — sometimes in herds, sometimes alone. They were portrayed as hunted animals — targets of bows and arrows.

http://www.mydesert.com/article/20101219/COLUMNS08/12180346/1067/LIFESTYLE511/Petroglyphs+bighorn+history+and+lore