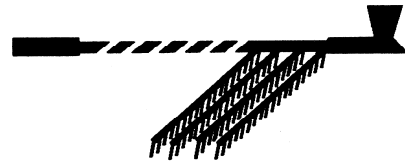


CALUMET

CONSERVATION
EDUCATION

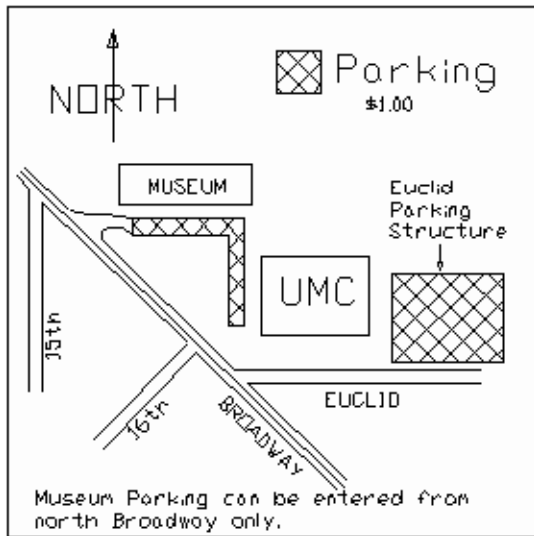
PRESERVATION
EXPLORATION



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
May, 2001

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.



The following is a situation that will last through next summer:

I'm sure you noticed that our Museum parking lot 208 is off limits to non-permit holders, even at night. So, would you please pass that on to your members? They can park in the Euclid parking structure for \$1.25. Euclid parking lot is east of the Museum on Euclid. Just want to avoid tickets and towing.
Thanks, Carol Kliger

After parking in the Euclid Parking Structure, walk west on Euclid to Broadway, follow Broadway on the sidewalk for one block and drop down into the Museum parking lot. It is only a few hundred yards.

May 3 Executive Board - 7:30 PM at the usual place.

May 5 Magnolia Excavation – IPCAS Project. See Page 2.

May 10 IPCAS Presentation - 7 PM in the Dinosaur Room at CU.

Presenter: Cathy Cameron. Topic will be the Bluff Great House Project. A tentative title would be, "**Exploring the Northern Frontier of the Chacoan Regional System**".

CU (along with the Southwest Heritage Foundation and Abajo Archaeology) has been working at the Bluff Great House in southeastern Utah since 1995. Based on architectural similarities and the time period of the site, we believe that it was connected with the Chacoan Regional System which covered most of the northern Southwest during the period from about A.D. 900 to 1150. Our excavations were aimed at confirming that Bluff was connected to Chaco and determining the nature of that connection. We discovered that, while the Bluff Great House has many architectural characteristics that are similar to those of Chacoan Great Houses, it also has many local characteristics. Our ongoing work will explore whether Bluff was built by Chacoan peoples or by local peoples emulating the Chacoan style.

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Magnolia Shelter Excavation - IPCAS Project
Dr. Robert Brunswig - Principal Investigator



Students at work in front of the cave.

IPCAS has an excellent opportunity. We will be working with Bob Brunswig on **Saturday, May 5th** at the cave along Twin Sisters Road - our purpose is to complete the work begun by the UNC students (they got snowed out). We will continue to excavate and screen in the four test units started by the students. There will be few students (if any), so we will need a dozen volunteers. More are welcome.

We will meet at the intersection of Canyon Boulevard and Magnolia road above Boulder at 9 AM. There is a parking area there. Please be prompt. A car-pool to the site will reduce the number of vehicles at the location. Bring a lunch, liquids, a floppy hat, and your excavation tools. Wear your clothing in layers. This will be a fun day - probably the first of many this year at this location.

The Magnolia Shelter is on private property on Twin Sisters Road off Magnolia Road above Boulder. No facilities exist at the site. But the location is very pretty and easy to get to by car.

More photographs of the work on April 7 follow on the next pages.



The Boss!



Looking for artifacts in the screen.



One of the micro-flakes that were found in the screen.



IPCAS member, Connie Duras.



Kris Holien, Connie Duras, and Jim Morrell looking for gold nuggets.



Jacquie Johnson, IPCAS member.



Measuring artifacts in place.



Record-Keeping.

THE 2001 CAS ENCAMPMENT IS STRICTLY FOR FUN!

WHEN: 4 PM on June 30, 2001 to Noon on July 4, 2001



WHERE: Mogote Juniper Group Campground Rio Grande-San Juan National Forest, 17 miles west of Antonito in Conejos Canyon at the southern edge of the spectacular San Luis Valley. Lodging is available in the Canyon and in Antonito for those who don't wish to camp. See "other information" for RVs, etc.

WHO: Colorado Archaeological Society members, their families and friends.

HOW MUCH: Registration fee is \$10.00 per adult and \$5.00 per child. More money will be needed to offset costs of group meals and certain activities--a minimal amount.

T-shirts commemorating the event will be available for order at time of registration

PROPOSED ACTIVITIES: These are some of the field trips and other activities I am looking at for this outstanding event. Please note that it is not possible to do all of these in 3-4 days, but understand that I will be picking the best with convenience, accessibility, drive time, uniqueness and overall splendor in mind.

- Fishing, especially with flies, comes highly recommended on the Conejos River just feet from camp.
- Information about costs and to ride the Cumbres-Toltec Scenic Railroad will be included with the registration materials. The train goes through Conejos Canyon from Antonito to Chama and back again.
- Sand volleyball and horseshoes at camp.
- San Antone Mountain Basalt Source and San Antone Kill Site: hunting blinds and artifacts.
- Kiowa Hill Site: U-shaped stone structure, reported to be site of a battle between Utes and Kiowas.
- Rock Art: on the Rio Grande, in La Jara Canyon, along Dry Creek, at Fort Garland Area and at Dog Mtn.
- Cold Springs: numerous open lithic sites.
- Tour of San Luis, the oldest settlement in Colorado.
- Visit the town of Conejos with the oldest protestant church in the area-recently named to Colorado's most Endangered Sites list.
- McIntire Springs: historic adobe home of Colorado Governor Albert McIntire (1895-96).
- Rio Grande County Museum Tour: exhibits on area rock art and the Fremont Expedition (1848-49).
- Games for the kids and the kid in you.



OTHER IMPORTANT INFO:

- Space for campers, RVs and such is limited (non-existent) at the group campground. Make reservations at the adjacent Mogote Campground by calling ReserveUSA at 1-877-444-6777 (toll free) or on the Internet at www.reserveusa.com.
- Payment will be due June 15th with complete registration materials mailed and available by the end of May. A schedule will be included. FUN, FUN, FUN!
- Contact Mary Jo Kraus if you have questions: (719) 749-2337, owkra@msn.com

H. L. Hunley Update

Hunley may have run out of air

Saturday, April 21, 2001

Brian Hicks, The Post and Courier staff

The answers to nagging, century-old questions about the H.L. Hunley's final minutes now are only a few feet away, buried in gray mud. As archaeologists close in on the forward section of the Confederate submarine's crew compartment, two very different theories of how the Hunley's crew met its end are forming.

The single-bullet theory surmises that a Minie ball fired from the deck of the USS Housatonic shattered the Hunley's forward cast-iron conning tower during the attack, allowing water to pour in while an injured Lt. George Dixon struggled to control the contrary sub. A new scenario, based on some surprising discoveries inside the sub, suggests a peaceful end, with the crew quietly losing consciousness and dying of oxygen deprivation.

The two scenes of the Hunley's final moments are at odds with one another. But the answer, Hunley Commission Chairman Glenn McConnell says, is close. "The keys to what happened in the final moments are with Dixon", McConnell said Friday. "We're about three weeks away". The archaeologists, working like crime scene investigators, will piece together clues to figure out exactly what happened to the Hunley when it disappeared February 17, 1864, after delivering the charge that sank the Housatonic. Here's how they will do it.

The single-bullet theory depends largely on the placement of the shattered pieces of the front conning tower. If those pieces are high in the sediment filling the sub, it would suggest the hole was made years - even decades - after the submarine sank. If the shards of cast iron are on the floor, that may indicate the hole happened at the time of sinking, perhaps even caused the sinking.

Dixon's remains also will tell much of the story. The sub commander would have most likely been standing with his head in that conning tower. If a bullet hit it, it likely injured or killed him. His skull would show that injury. The other theory, oxygen deprivation, has developed as the excavation has progressed over the past two months. It has formed through a series of mysterious clues, including:

- The crew members have been found at their work stations. This suggests there was no panic on board. Scientists half- expected to find the bones of the crewmen mingled on the floor of the sub as they died climbing over each other trying to open the sub's hatches. The remains have been found in neat intervals in the mud.
- Stalactites and oxygen stains that suggest that the sub's interior did not fill with water right away, shooting a hole - so to speak - in the single-bullet theory.
- The only crewman not found at his seat was found on top of what may be the remnants of a bellows used to pump air into the Hunley. He could have been trying to suck new air into the sub when it went down.

McConnell said Friday that doctors deduce the crew may have died from anoxia, a complete lack of oxygen. If that occurred, the crew would have simply run out of oxygen and gone to sleep - much like the crew and passengers of the private jet carrying Payne Stewart that crashed a year ago.

As the archaeologists work to solve the mystery, they also will look at a few other pieces of equipment. First, they want to know if the keel weights are unbolted. That would indicate the crew was trying to make the submarine surface.

Secondly, they want to know if the forward hatch was unbolted, to see if the crew was trying to push it open. And they want to determine whether the seacocks to the ballast tanks were open or closed. That would indicate whether they were trying to flood the tanks or empty them.

Throughout the excavation, however, the answers to lingering mysteries have come at unexpected turns. This week, they found what may be the submarine's steering rods beneath the bench the crew sat on. The rods are not where historical drawings put them.

On Thursday they found a wallet. A piece of paper has the letters "E-N-D" ominously printed on it, although that may just be part of a word. Archaeologists have found eight of nine crew members and have located six skulls. The only one still missing is Dixon. As usual, the Hunley is slow to give up its mysteries.

April Executive Board Minutes

Meeting called to order at 7:30 PM, Thursday, April 5, 2001 at Alterra at The Atrium in Boulder.

Attendees: Cree, Damon, Ferguson, Gleichman, Holien, Landem, Morrell, Smith, M. Stinson.

Secretary's Report (Holie): Minutes approved.

Treasurer's Report (Damon): Balance is \$1355.38. Cash flow report year to date shows Total Inflows of \$447.00, Total Outflows of \$1,040.54 for an Overall Total of - \$593.54.

Vice President's Report: Office as yet unfilled.

President's Report (Landem): Landem reported the Vogel Canyon and Mammoth Meadows videos already have aired on Channel 54. The Spanish Diggings video is in progress. Announced Cathy Cameron as the May program speaker during Archaeology and Historic Preservation Month. Board approved using grant money (\$160) on advertising - posters and newspaper ads for the May program. Damon will prepare financial report forms for Susan Collins of the Colorado Historical Society. Smith reported no progress with Longmont broadcasts.

Unfinished Business: Possible early fall field trip to Spanish Diggings in northeast Wyoming. Speakers for fall lectures are being lined up. Dr. Jim Dixon will present a lecture as well as a book signing. Mark Stiger may be another speaker possibility. No progress with Brody Quarry survey. Magnolia Cave testing project is scheduled for April 7 and 14, alternate date of April 28.

New Business: Board discussed videotaping the Magnolia project but no one has a camcorder. Cree will bring his digital camera. Board voted to suspend board meetings for the months of June and July, and resume monthly meetings in August. Discussion of current financial situation generated suggestions to liquidate any archaeological equipment no longer needed, such as the water pump from Rock Creek. Will have book sale at April meeting for "This Land of Shining Mountains" by Benedict et al. Landem offered to contact Byron Olsen about selling Byron's book about an excavation in North Dakota.

Meeting adjourned at 8:35 PM. - Kris Holien, Secretary -

2001 IPCAS Officers, Board Members, and major functions

President	Michael Landem	(303) 499-9877	mlandem@netone.com
Vice-President	Open		
Secretary	Kristine Holien	(970) 586-8982	kris_holien@nps.gov
Treasurer	Cheryl Damon	(303) 678-8076	cherdam@cs.com
Professional Advisor	Dr. Robert Brunswig	(970) 351-2138	rhbruns@bentley.univnorthco.edu
PAAC Coordinator	Morey/Janet Stinson (temporary)	(303) 530-7727	moreyg@peoplepc.com
Internet Manager	Cindy Miller	(303) 546-0720	cmiller@sni.net
Internet Manager	Piper Prillaman	(303) 988-0814	dyggum@aol.com
Calumet Editor	Tom Cree	(303) 776-7004	tlc@lanminds.net
CAS Representative	Open		
Volunteer Coord.	Tom Cree	(303) 776-7004	tlc@lanminds.net
Board Member	Michael Braitberg	(303) 443-7190	mbrait@sugarloaf.net
Board Member	Jeff Ferguson	(720) 890-2708	fergusonjeff@hotmail.com
Board Member	Pete Gleichman	(303) 459-0856	
Board Member	Jim Morrell	(303) 652-2874	jmorrell@gateway.net
Board Member	Rick Pitre	(303) 673-0272	rpitre@kryos.colorado.edu
Board Member	Bill Rosequist	(303) 664-5634	cuinco@attglobal.net
Board Member	Donna Shay	(303) 443-3273	
Board Member	Russell Smith	(303) 776-5503	rdsmith@lanminds.net

Please check the chapter web-site at: <http://www.indianpeaksarchaeology.org>

MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER		
<input type="checkbox"/> Individual \$25 / Year	<input type="checkbox"/> New	<input type="text"/> Date
<input type="checkbox"/> Family \$28 / Year	<input type="checkbox"/> Renewal	
<input type="checkbox"/> Student \$12.50 / Year, with Calumet delivery by e-mail		
NAME _____	TELEPHONE (____) _____	
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CITY _____	STATE _____	ZIP _____
Please make check payable to:	Indian Peaks Chapter, CAS	
Mail to:	PO Box 18301	
	Boulder, 80308-1301	
When you join or renew 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.		

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