

CALUMET



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
February 2013

INDIAN PEAKS CALENDAR OF EVENTS

Presentation (lecture) meetings are held in the University of Colorado Museum (CU Museum), Dinosaur Room on the Second Thursday of most Months, at 7:00 PM. **The public is always welcome.**

Web Site: WWW.INDIANPEAKSARCHAEOLOGY.ORG

Remember to Renew Now for 2013! Renewal Form on last page of this newsletter.

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- Feb 14** **February IPCAS Presentation Meeting:** The Diné at the Edge of History: *Navajo Ethnogenesis in the Northern Southwest between AD 1500 and 1750.*
Speaker: Richard H. Wilshusen
7:00 pm. Dinosaur Room, CU Museum
- Feb 23** **Field Trip to Colorado School of Mines Geology Museum.**
Tour for IPCAS members at 10:00 am by museum staff. See page 5 for more information.
- Mar 5** **March IPCAS Board Meeting - 7:00 pm**
We welcome IPCAS membership participation in board meetings. Contact Anne (annerco@yahoo.com) if you are interested in joining us.
- Mar 14** **March IPCAS Presentation Meeting:**
Fur Trade Forts in Colorado
Dr. William Butler
Date and Time: Thursday, February 14 at 7:00 pm
Location: CU Museum of Natural History
- Mar 28** **Reading and Discussion Group: Topic TBA**
7PM, Reynolds Library Meeting Room (3595 Table Mesa Drive, Boulder, CO 80305),
Read anything you want on the topic & be prepared to discuss it or just come and listen to others speak on the topic
- Apr 4** **April IPCAS Board Meeting -7:00 pm**
We welcome IPCAS membership participation in board meetings. Contact Anne (annerco@yahoo.com) if you are interested in joining us.
- Apr 11** **Presentation: Topic TBA**
Speaker: TBD
7:00 pm.
- May 2** **May Board Meeting -7:00 pm**
We welcome IPCAS membership participation in board meetings. Contact Anne (annerco@yahoo.com) if you are interested in joining us.

May 9 **Presentation:** Topic TBA
Speaker: TBD
7:00 pm.

May 23 **Reading and Discussion Group: Topic TBA**
7PM, Reynolds Library Meeting Room (3595 Table Mesa Drive, Boulder, CO 80305),
Read anything you want on the topic & be prepared to discuss it or just come and
listen to others speak on the topic

**February IPCAS Presentation Meeting:
The Diné at the Edge of History: *Navajo
Ethnogenesis in the Northern Southwest
between AD 1500 and 1750.***

Speaker: Dr. Richard H. Wilshusen
7:00 pm. Dinosaur Room, CU Museum
Free and Open to the Public

Using oral history, Spanish documents, and the archaeological record I will argue that a clearly defined Navajo ethnic identity is not evident until A.D. 1600-1650. In past investigations, researchers have assumed that the Navajo arrived in the Southwest as a fully formed group by 1450. In contrast I use old histories and new archaeological evidence to argue that the emergence of the early Navajo as a distinct group is more gradual, complicated, and proactive than most archeologists might propose. Only in the early seventeenth century are the Navajo clearly distinguishable from the closely related Apache groups of the Southwest.

Richard H. Wilshusen (Ph.D., University of Colorado, 1991) is the State Archaeologist and one of two Deputy State Historic Preservation Officers of Colorado. Wilshusen has worked as an archaeologist in the American Southwest for over 30 years and is known for his work on population change and settlement shifts in the early Pueblo period, with an emphasis on the processes leading to the first pueblo villages in the northern Southwest. He is the co-editor (with Mark Varien) of *Seeking the Center Place: Archaeology and Ancient Communities in the Mesa Verde Region* (2002), co-editor with Bill Lipe and Mark Varien of the *Colorado Prehistory* (1999) context for southwestern Colorado, and senior editor and an author of four chapters in *The Crucible of Pueblos: The Early Pueblo Period in the Northern Southwestern*. He has worked for universities

and colleges, the federal government, state government, tribes, and contract archaeology firms. He counts his lucky stars that he has made his living as an archaeologist.

**March IPCAS Presentation Meeting:
Fur Trade Forts In Colorado**

Dr. William Butler
Date and Time: Thursday, February 14 at
7:00 pm
Location: CU Museum of Natural History
Free and Open to the public

The fur trade in the western part of the United States is one of the more enduring American stories of exploration, adventure, hardship, and success in the wilderness. Its importance and popularity as an American epic is evident in the thousands of books, articles, dedicated journals, movies, web pages for mountain men organizations and gear, and rendezvous are still held every year throughout the West. When most people think of the fur trade, they think about the trade in Canada, the Upper Missouri, and the Oregon country, or the famous mountain man rendezvous, but the fur trade in Colorado has been routinely ignored in literature even though there were at least twenty-four trading posts in the state between about 1800 and 1850. This talk discusses the trade in general but focuses on the trade in Colorado.

Bill Butler is an archeologist by training beginning with an A.A. degree from El Camino College in Torrance, California. Following an all expense paid "vacation" in southeast Asia, he received his B.A. and M.A. from California State University at Long Beach, and Ph.D. from the University of Missouri. He has done field work throughout the western United States and has published over 100 technical

reports on archeology and history. Although retired, he remains active in researching plains and mountain history and prehistory. He and his wife have lived in Colorado for over thirty-five years. He is an avid model railroader and golfer of the true duffer variety.

Chautauqua Pre-History Series-Spring 2013

Sponsored by Boulder Chautauqua and Boulder History Museum
See Chautauqua.com for details on purchasing tickets

The Mahaffy Cache - A Rare Archaeological Find

Presented in collaboration with Boulder History Museum
Wednesday, February 6, 2013, 07:00 PM
Chautauqua Community House
Tickets: \$10 (\$7 Chautauqua and Boulder History Museum Members)

Join Chautauqua and Boulder History Museum for a very special evening of discovery and Boulder's premier public presentation of the fascinating Mahaffy Cache, a collection of 83 stone implements unearthed in Boulder in May, 2008. After hi-tech laboratory analysis, the stone tools were determined to be Clovis period artifacts used for butchering Ice-Age mammals, an unprecedented discovery in the area.

Dr. Douglas Bamforth, professor of anthropology at the University of Colorado, will present the findings of the Mahaffy Cache. He will introduce the artifacts, their usage and importance to our understanding of life during the Clovis period. Professor Bamforth is an expert on Paleoindian culture and tools. "The idea that these Clovis-age tools essentially fell out of someone's yard in Boulder is astonishing..."

The Snowmastodon Project

with Dr. Ian Miller of Denver Museum of Nature & Science
WEDNESDAY, FEBRUARY 27, 2013, 07:00 PM
Chautauqua Community House
\$10 (\$7 Chautauqua, Boulder History Museum, DMNS Members)
Buy Tickets Online

In October 2010, a bulldozer operator working near the Snowmass ski area uncovered the tusk of a young female mammoth. Since that first find two years ago, the Denver Museum of Nature & Science (DMNS) conducted its largest-ever fossil excavation, yielding a treasure trove of well-preserved Ice Age fossils including mammoths, mastodons, ground sloths, camels, deer, horses, giant bison, birds and reptiles all dating from 130,000 years ago. This preserved series of Ice Age fossil ecosystems is one of the most significant fossil discoveries ever made in Colorado. Director of Earth and Space Sciences and Curator of Paleontology Dr. Ian Miller will address the discoveries made in 2010 and 2011 and sign his co-authored book published by DMNS, "Digging Snowmastodon, Discovering an Ice Age World in the Colorado Rockies." The 2011 NOVA documentary, "Ice Age World in the Colorado Rockies" will also be able for purchase.

Hovenweep: New Findings

Presented in collaboration with Boulder History Museum
Wednesday, March 20, 2013, 7:00 PM
Chautauqua Community House
Tickets: \$10 (\$7 Chautauqua and Boulder History Museum Members)
Located in southwestern Colorado and southeastern Utah, the six units of Hovenweep National Monument are village sites with stone architecture reflecting the presence of a large population of ancestral Puebloan or Anasazi peoples. The ancestral Puebloan culture flourished for over 300 years.

Pioneer photographer William Henry Jackson visited this area in 1874 and called it "Hovenweep," a Ute/Paiute word that means "deserted valley." At their peak the villages of Hovenweep were home to an estimated 2,500 people who demonstrated remarkable skills in adaptation, extraordinary masonry and innovation that enabled them to survive and even thrive in a harsh desert environment.

Dr. Tom Thomas, project manager with the National Park Service and history professor at the University of Colorado at Boulder will narrate the evenings presentation on this

remarkable site, its inhabitants, and findings of their sudden abandonment in haste.

Indigenous Sites of Boulder County

Presented in collaboration with Boulder History Museum

Wednesday, April 24, 2013, 7:00 PM

Chautauqua Community House

Tickets: \$10 (\$7 Chautauqua and Boulder History Museum Members)

Join archaeologist Pete Gleichman for a presentation about the ancient indigenous occupation of Boulder County. Gleichman will discuss the different types of archaeological sites in our area, including habitation sites and special use sites such as game drives, kill sites, burial sites and sacred sites. Cultural complexes and chronologies will be discussed.

Pete Gleichman received his education and training at the University of Colorado and the Mesa Verde Research Center. He has worked as an archaeologist for universities, federal and state agencies, Indian Tribes and private companies. In 1985, Gleichman founded Native Cultural Services, an archaeological consulting firm. The company has conducted 445 projects in seven states with a focus on the archaeology of Boulder County and adjacent areas.

The Spring 2013 PAAC class schedule

What is PAAC? PAAC means Program for Avocational Archaeological Certification. PAAC classes are great way to learn a lot about archaeology.

There are thirteen different PAAC class topics. Not all topics are offered this spring. Many people take PAAC classes without applying for certification. Many others work towards various certifications.

For other information about PAAC classes and the PAAC program, go to Colorado's PAAC home page

<http://coloradohistory-oahp.org/programareas/paac/paacindex.htm>

Evening PAAC Classes:

Principles of Archaeological

Excavation will meet on seven Wednesday evenings 6-9 PM (Feb 13, Feb 20, Feb 27,

Mar 6, Mar 13, Mar 20, Mar 27). This class will be in **Boulder, Colorado**.

Location: 29th Street Community Room in Boulder. The room location has changed since our last class. I will send the exact address and map later.

Parking is free, both street and underground parking lot (the elevator at the south end of the parking lot, near the stairs may be accessed from the underground parking lot).

Instructor: Kevin Black, Assistant State Archaeologist

Class Size: Minimum 10, maximum 40

To Register: To guarantee a slot, send two checks - one for \$12 payable to *CHS*, and one for \$13 payable to *IPCAS*, to Gretchen Acharya, IPCAS PAAC Coordinator, 214 Arroyo Chico, Boulder, CO 80302. Cost includes all materials. Include name, address, and, for receipt confirmation and coordination, email address.

Cancellations: Once registered, the PAAC statewide policy is not to allow refunds unless the course is cancelled, but in lieu of a refund, the full handout packet for that course is mailed. Please note that the handout packets for most PAAC courses are quite voluminous.

Questions: Contact Gretchen Acharya, [303-443-1416](tel:303-443-1416), gacharyafinearts@gmail.com or gretchenwise@hotmail.com.

Archaeological Lab Techniques will meet on five Tuesday evenings (Feb 19, Feb 26, Mar 5, Mar 12, Mar 19)

This class will meet in **Loveland, Colorado**.

To sign up contact David Swinehart [970-397-7589](tel:970-397-7589), dave@developingsolutions.biz

The Basic Site Surveying Techniques

class will meet on eight Thursday evenings & One full day on Saturday (Apr 18, Apr 25, May 2, May 9, May 16, Saturday - all day May 18, May 23, May 30). This class will be held in **Denver** (except possibly the Saturday all day session.). To sign up contact Anne Winslow at [303-866-4670](tel:303-866-4670) (work) or anne.winslow@state.co.us.

Weekend Classes:

Additional classes will be held over a weekend

in various parts of the state. See the PAAC website for class options.

How to sign up for a class? Contact the PAAC coordinator of the chapter sponsoring the PAAC class. [Click here to see the names of the PAAC coordinators](#) or contact the IPCAS PAAC Coordinator, Gretchen Acharya at gretchenwise@hotmail.com or 303-443-1416.

IPCAS Volunteer Opportunities

Open Positions:

Treasurer- Maintain the books for IPCAS. Coordinate payments to CAS. Maintain the membership list.

Outreach Coordinator- Help promote archaeology in the community. This position has a lot of possibilities for outreach with adults and/or children with and without help from other IPCAS members.

Membership Chair- The Indian Peaks chapter is interested in retaining existing members and recruiting new members. Help make a difference with membership in our chapter.

Newsletter Editor- The Calumet is traditionally published 10 times per year at the beginning of the month. This is a great opportunity to communicate with other IPCAS members.

IPCAS Field Trips – Spring 2013

Field Trip: Colorado School of Mines Geology Museum- Special IPCAS Tour
Saturday, February 23 at 10:00 am - **FREE**.
Colorado School of Mines will give IPCAS members a special tour of the museum

Either meet at the museum 9:45- 10:00 am or join us for the carpool. All are welcome to join us for lunch at a local restaurant.

Carpool Schedule:

8:45 to 9:00 - Meet at Chase Bank/ King Soopers Parking lot on Table Mesa (near Broadway)

9:00 am - Depart in carpools for museum, park, get to museum

10:00 am Tour at Colorado School of Mines

museum

11:30 am Depart School of Mines Museum and either return to Boulder or Lunch in Golden.

The Colorado School of Mines Geology Museum, home to one of the state's two Goodwill moon rocks collected during the Apollo 17 mission, was started in 1874 and displays mineral, fossil, gemstone, meteorite and historic mining artifact exhibits on two floors.

The museum serves as the state repository for Colorado's mineral heritage and promotes its importance and understanding to the university community and the public. It aims to inspire scientific curiosity through education and research while encouraging appreciation of the earth and responsibility for its mineral, fossil, meteorite and historic mining treasures.

Contact Anne Robinson with questions or concerns (annerco@yahoo.com)



Denver Museum of Nature and Science, upcoming exhibit : Mammoths and Mastodons: Titans of the Ice Age

Walk among the giants of the Ice Age in the dynamic new exhibition Mammoths and Mastodons: Titans of the Ice Age, opening Friday, February 15, at the Denver Museum of Nature & Science. Life-size models of awe-inspiring Ice Age animals, fossil tusks and skulls, interactive videos, and hands-on activities bring this fascinating time in Earth history back to life.

Visitors will examine the differences between mammoths—beasts weighing up to eight tons, bearing tusks up to 16 feet long—and mastodons, their shorter, stockier cousins. The 13,000-square-foot exhibition also looks at the role human predation, climate change, and other factors may have played in the eventual extinction of these giants.

The exhibition includes a replica of Lyuba, a 42,000-year-old baby mammoth. Discovered in 2007 by a Siberian reindeer herder and his sons, Lyuba is by far the best-preserved mammoth specimen ever discovered. Visitors will learn how the science behind Lyuba enhances our understanding of the evolution of mammoths and their modern-day elephant relatives, which are facing their own struggle for survival today.

Also showcased are rare and evocative objects and images, such as spear points, cave paintings, and other prehistoric art, that bring to life how humans interacted with mammoths and mastodons.

Local visitors will enjoy a point of pride for Coloradans as they relive the story of the Snowmastodon Project®, the exceptional Ice Age fossil site unearthed near Snowmass Village in 2010. Visitors will have the opportunity to see a selection of fossils on display for the first time, watch a new educational video about the discovery, and hear about the science that is emerging from the study of this historic site. In addition, exhibition visitors can watch as Museum volunteers clean and prepare fossils from various Colorado dig sites.

“We are thrilled to host this exhibition in Denver,” said George Sparks, President and CEO of the Museum. “In light of the recent discoveries in Snowmass Village, we are pleased to have an opportunity to continue to offer Ice Age experiences and science to the Colorado community.”

EXHIBITION WALK-THROUGH

Mysterious and massive, mammoths and mastodons made the world their stomping grounds for millennia and provided a source of food and artistic inspiration for ancient peoples. The exhibition *Mammoths and Mastodons: Titans of the Ice Age* explores the evolution, interactions, and eventual

extinction of these enormous and awe-inspiring creatures.

Trace the ancestral trail of elephants, mammoths, and mastodons to discover their origins in Africa. Explore a family tree with touchable scale models of their ancient relatives and learn about tusks and trunks—the traits that make them all members of the order Proboscidea.

- The “Trunks” and “Tusk Balancing” Interactives

Try your hand at picking up objects by manipulating a mechanical trunk, and discover just how much work goes into balancing the weight of a mammoth’s tusks. Growing Up in the Herd

See a model of Lyuba, the 42,000-year-old baby mammoth whose amazing state of preservation—including eyelashes, ears, and internal organs—provided scientists with a better picture of how these ancient giants lived.

- The “Mammoth Wrestling” Interactive

Learn how mammoth males fought to establish dominance and win a mate—behaviors that today’s elephants share with their ancient relatives.

Stomping Grounds

Explore Ice Age habitats and discover the diverse climates—from woodlands to wintry plains—where mammoths roamed alongside saber-toothed cats and short-faced bears. Come face-to-face with a life-size replica of a Columbian mammoth, one of the largest mammals to have inhabited North America.

- The “Animal Tracks and Dung” Interactive

Guess which animals left behind prints and piles preserved in caves, “souvenirs” that tell us more about Ice Age animals.

Don’t miss: The “Animal Tracks and Dung” Interactive

Guess which animals left behind prints and piles preserved in caves, “souvenirs” that tell us more about Ice Age animals

- Colorado Ice Age: Snowmass Village Discoveries

Learn more about the Denver Museum of Nature & Science’s largest-ever fossil excavation near Snowmass Village, Colorado. See bones of some of the Ice Age animals that Museum crews excavated, and hear about the science that is emerging from this historic discovery.

- “Ice Age Death Trap,” the Snowmastodon Project touch cart

See and touch real and cast fossils from Snowmass Village, and learn more about the diversity of the animals discovered.



RELATED PROGRAMS AND EVENTS

Titans of the Ice Age 3D IMAX

Ongoing, \$10 adult, \$8 junior (3–12) and senior (65+)

\$7 adult member, \$6 junior and senior member

For more Ice Age fun, visitors can couple their visit to Mammoths and Mastodons: Titans of the Ice Age with the IMAX film, Titans of the Ice Age 3D. Titans of the Ice Age 3D transports viewers to the beautiful and otherworldly frozen landscapes of North America, Europe and Asia ten thousand years before modern civilization. Peer through the 3D canvas to an ancient world of ice, the dawn of our species, a time when man shared the tundra with majestic woolly beasts. Dazzling computer-generated imagery brings this mysterious era to life -- from sabertoothed cats and cave bears to dire wolves and woolly mammoths -- giants both feared and hunted by prehistoric humans.

Lecture: New Frontiers in the Biology of Mammoths and Mastodon

Tuesday, March 5, 7 p.m., \$8 member, \$10 nonmember

Daniel Fisher, director of the Museum of Paleontology at the University of Michigan, is a leading expert on mammoths and mastodons, and he is a member of our Museum’s Snowmastodon science team. Many of you may remember Fisher from the NOVA program about Snowmass and recall that much of his work is driven by an interest in whether human hunting was a significant factor in the extinction of these Ice Age icons. Fisher will share some of the highlights of his work, including Lyuba the baby mammoth, featured in the Mammoths and Mastodons exhibition. Lyuba’s amazing state of preservation—including eyelashes, ears, and internal organs—is providing scientists with a better picture of how these ancient giants lived.

Ice Age Social

Friday, March 8, 7:30-11:00 p.m., \$27 member, \$33 nonmember

Don’t miss the chilliest event in 10,000 years. Savor glimmering cocktails at the ice bar, try your hand at cave painting, and learn to throw an atlatl during this party for the ages. Your ticket includes live entertainment, admission to Mammoths and Mastodons: Titans of the Ice Age, and one drink at the bar.

Mimbres Pottery Designs depicting Parrots from *Mimbres mythology: tales from the painted clay* by James R, Cunkle.



2013 IPCAS Officers, Board Members, and major functions

President	Anne Robinson		annerco@yahoo.com
Vice-President	Karen Kinnear	(303) 516-9260	kinnearkaren@hotmail.com
Secretary	Joan Prebish		
Treasurer	Carolyn Camell-Coppin	(303) 775-9206	cacc.co@live.com
Professional Advisor	Dr. Robert Brunswig	(970) 351-2138	robert.brunswig@unco.edu
PAAC Coordinator	Gretchen Acharya	(303) 443-1416	gretchenwise@hotmail.com
CAS Representative	Karen Kinnear	(303) 516-9260	kinnearkaren@hotmail.com
Archivist/Librarian	Kris Holien	(970) 586-8982	kjholien@aol.com
Outreach Coordinator	Vacant		
Internet Manager	Heidi Short		
Calumet Editor	Vacant (Anne Robinson)		annerco@yahoo.com
Board Member	Cheryl Damon	(303) 678-8076	cheryl_damon@msn.com
Board Member	Kris Holien	(970) 586-8982	kjholien@aol.com
Board Member	Joanne Turner	(303) 494-7638	joanne.turner@colorado.edu

MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER

Quarterly new member enrollment	Individual	Family	Student
January-March	\$28.50	\$33.00	\$14.25
April-June	\$21.50	\$24.75	\$10.75
July-September	\$14.25	\$16.50	\$7.25
October-December	\$7.25	\$8.25	\$3.75
___ New ___ Renewal	Tax-Exempt Donation ___ \$10, ___ \$25, ___ \$50, Other _____		

NAME _____ TELEPHONE (____) _____

ADDRESS _____ E-MAIL _____

CITY _____ STATE _____ ZIP _____

Please make check payable to: Indian Peaks Chapter, CAS. Mail to: PO Box 18301, Boulder, Colorado 80308-1301

(We) give CAS permission to :

Yes ___ No ___ disclose phone numbers to other CAS members

Yes ___ No ___ publish name/contact information in chapter directory

Yes ___ No ___ publish name in newsletter (which may be sent to other chapters, published on the internet, etc.)

CODE OF ETHICS

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: _____

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