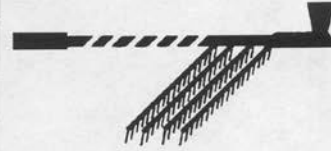


Nov 1995, Vol 3, No 9

CALUMET



Newsletter for the Indian Peaks Chapter of the Colorado Archaeological Society

SCHEDULE OF EVENTS

Nov 16 / Archaeological Institute of America lecture. "Neolithic Greece: Excavations at Chaeroneia" by Prof T. H. Tzavella-Evjen, 7:30 pm, Henderson Museum, CU Campus, Boulder.

Nov 21 / IPCAS Board of Directors Meeting, 7:30 p.m.. Boulder Police Bureau, 1805 33rd Street, Boulder.

Nov 28 / IPCAS General Meeting, 7:30 pm, The Meeting Place, Crossroads Mall, Bob Brunswig will return to update us on the work at the West Stoneham Archaeological district. He will also talk about new areas for excavation, east of the Archaeological District.

Dec 9 / IPCAS Christmas Party, 7:30 - 10:00 pm, @ Mac Avery's home, 5479 Cypress Dr., Boulder. White Mammoth gift exchange, tell and show, and get to know the group. RSVP Mac @ 499-3455.

NO DEC. GENERAL MEETING.
Have a great Holiday Season

BE HERE THEN

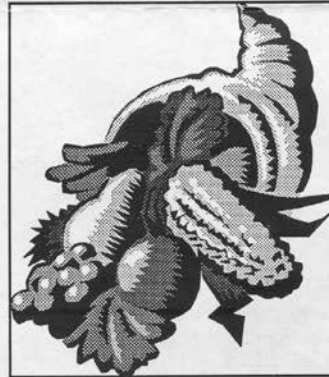
Mac Avery, Ann Hayes, Donna Shay, and Dock Teegarden are making plans for an **Indian Peaks Christmas Party!** this will be a social event, (science is optional). that's why it's going to be held at Mac's house where we can do some wine tasting while we chill with our new members, (Millie< Jim, Carol, George, Stan, Rose, Maired, Michael, Brigitte, Lawrence, Marsha, Karyn, Steve, Marsha, Barbara, Mureen - don't be square); give it up for Jeannie Hamilton and Ed Grefrath, our outgoing Treasurer and Calumet Editor for their many years of

service; and pump up our new officers for '96... Bring your pictures.

Speaking of new officers...Morey Stinson has been a one man Nominating Committee surfing the talents and ambitions of the group to assemble the slate of officers for 1996. **The elections will be held at the November General Meeting!** Your vote, your support and your activism is needed for IPCAS to continue contributing to

projects like **Bob Brunswig's West Stoneham investigations**, the topic of Bob's presentation at the meeting.

Keep those **membership surveys** coming in so we can get some idea of your **preferred speaker topics**, meeting time, and **PAAC**



class offerings. The Executive Board could use your opinions too, e.g., too much excavation, too few field trips, etc.. Statistician Tom Cree awaits your input.

Laura Viola has volunteered to coordinate the graphics and printing work on Pete Gleichman's final **Rock Creek Report**. With help from Dick Owens, they'll be printing about forty copies which will be made available to IPCAS members at cost. Gracias folks!

CONSERVATION — PRESERVATION — EDUCATION — EXPLORATION

Mike Landem has done a great job on the book sales table at the general meetings. Thanks for putting together the many unique titles and those great posters, Mike.

And thanks to Maureen Arthur for calling on our expired members and keeping them in the fold.

Here is an update on the Dowe Flats monitoring program, I mentioned in the last issue of Calumet. I wrote to the Boulder County Planning Department about my concerns regarding the efficacy of the cultural resource monitoring of the grading operations and the rumored discoveries of cultural material in the backdirt piles. This prompted Southdown to send Marcus Grant, their professional archaeologist, to investigate. Fortunately, the rumored 'obsidian' turned out to be furnace slag and the 'mano' was a river cobble. Hopefully this means that sites were not destroyed but to insure this the Planning Board has required that the monitor henceforth keep a log of his surveys. These surveys will be open to the public. John Lohr of Southdown has given his assurance that the monitor will have the authority to suspend grading in the area of any discovery until it is recorded and reported.

Finally, thanks to Jean Kindig for helping and spurring me to finalize the documentation for the curation of the 4th of July Mine Site materials. Indian Peaks now has a place in the CU Museum. Jean will also be curating the materials from her excavations at Coney Lake and Devil's Thumb in the same box.

Hope you PAAC students pass Kevin's exam in the Principles of Excavation class. See you then.

Steve Montgomery, President

WHITE MAMMOTH GIFT EXCHANGE - Will be Revived at IPCAS Holiday Party

Reserve the evening of December 9th, 7:30 PM to 10 PM, for a delightful holiday celebration featured a revival of the

time-honored
White Mammoth Gift Exchange.

This is a hilarious game during which we exchange some very unusual gifts -- the kind that money can't buy. Rules require that it be something you dig up in your household midden, like a hound's tooth, an ink pen (the kind you fill), a napkin ring without a mate, a rusty spur, a blanket pin, or a pat of beeswax. Whatever you bring, please wrap it.

Besides your White Mammoth, please also bring

a sweet treat to share, items for show and tell (optional), and wine or beer, should you wish to consume it. Non-alcoholic punch will be provided. And there may be a mystery guest!

The holiday party substitutes for our regular monthly meeting, so expect a brief program during which new officers will be inaugurated and retiring board members recognized. This is a grand opportunity to review and renew good times among archaeology-minded friends. New members are especially welcome.

The gathering will be held at Mac and Jan Avery's, 5479 Cypress Drive (corner of Cypress and 55th), in Boulder. An RSVP to 499-3455 would be appreciated. You will soon receive a personal invitation in the mail. Watch for it, dig this party, and plan to come. Ann Hayes

Thank Mac & Jan game didn't end... do it yourself dig to boxes & kitty litter you wish to contribute
In memory of Suzanne F Lacey
Excursion desert - Su's hobby

Suzanne F. Lacey, formerly of Boulder, a revered and loved former member of IPCAS, died at her home outside of Dolores on Oct 6, 1995 after a long illness. She was 70.

She was born in Hinsdale, Ill on June 19, 1925, to Norman and Joyce Freer. She married Lee Lacey in Boulder on July 30, 1955.

Contributions may be made to Hospice of Montezuma, 44 N. Ash, Cortez 81321, or to the Carnegie Library, 1125 Pine St, Boulder, 80302.

1 genuine white elephant Pinata

LOOMING CHAPTER CRISIS

When this article was first conceived the crisis included a significant void in the slate of Officers ballot for 1996. At that time, despite the best efforts of the nominating committee, no one had agreed to run for President and Vice President of IPCAS.

I pleased to say however, as of 11/1/95 a candidate has agreed to run for President. Not so for the position of Vice president. **We need desperately for some member to come forward and run for the office of Vice President.**

Steve Montgomery has done an exceptional job at the President and Vice President jobs for the last 4 years. It's time for another person to take on the job. **Tom Cree** did a great job as Vice President in 1995. Tom would like to be replace for 1996. Both Steve and Tom will remain as directors in 1996 and will train and nurture the new officers.

A 3rd position also needs to be filled, that of Project Information Officer. **Laura Viola** is stepping down after serving many years in this office...The duties of this officer are straight forward, that is to track chapter archaeological projects and see that timely and correct reports are written. Laura would also be available to advise her replacement.

The duties of the vice President (from chapter bylaws) are:

- * Performs the President's duties in that officer's absence.
- * Arranges and presents each monthly chapter programs.
- * Arrange special events and appoints assistants as necessary.
- * Arranges for PACC classes with the PAAC Training coordinator.
- * Collects, deposits, dispenses and reports all moneys connected with special events and makes final written report to the Treasurer and Executive board.

I know that **Tom Cree** has a good start on the programs for 1996 Chapters Meetings We are seeking a Vice President that will become the Chapter President in 1997. In subsequent years, our goal is that the Vice President will become the President the following year.

Please seriously consider accepting one of these open positions. It is vital to the continued success of the chapter that more members help with the running of its business. Please contact **Morey Stinson** at 530-7727 for more information or to volunteer for one of these positions.

Morey Stinson

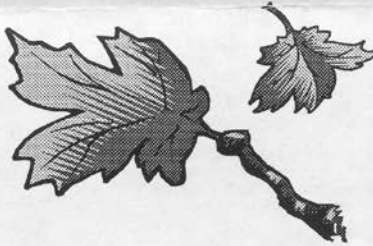
SURVEY TO DETERMINE SPRING 1996 PAAC CLASS

The Fall PAAC class has just concluded! It's time to plan for the Spring Class. All who have participated in these classes know how informative and interesting they are. You can influence which class will be given next by participating in this survey.

The classes and date last held in boulder are:

- * Basic Site Survey (Fall 94)
- * Colorado Archaeology (Fall 93)
- * Historical Archaeology (spring 92)
- * Lithics (Spring 94)
- * Ceramics (Spring 95)
- * Perishable Materials (Spring 93)
- * Dating Methods
- * Photography
- * Research Design/Report Writing
- * Laboratory Techniques
- * Archaeological Excavation (Fall 95)

Please call **Morey** or **Janet Stinson** at 530-7727 to cast your vote. Please call no later than **November 15th.**



IPCAS EX BD MTG

Oct 18, 1995

Attendees: Steve Montgomery Tom Cree, Laura Viola, Cheryl Damon, Michael Landem, Morey Stinson, Mac Avery, Anne Mutaw, Bob Mutaw, Donna Shay, Kris Holien, Maureen Arthur, and Ann hayes.

- * Sept minutes were approved.
- * Treasurer's report given by Steve Montgomery.
- * V P report, Tom Cree presented possible speakers for next year.
- * Secretary, Maureen Arthur gave status of phone contact with past members. Six members just forgot and will renew, several moved, and one now has other interests.

* Ed Committee report, Ann Hayes reported on BLM Teacher Training Workshop. Developers of Intrigues of the Past from Cortez will be attending. CU Museum tours will be given. Pam Baker, Carol Gleichman have vol. to assist as teacher/archaeologists. AS will handle registration. If interested in volunteering contact Ann Hayes. 40 - max number of attendees. Discussed issue of approx \$200 required for copies of promotional materials. Further information will be gathered by Ann and reported on next month.

* Other business:

A. Anne Mutaw, annual meeting summary, approx 90 people attended. Larry Riggs resigned as Ex Sec. Bob Mutaw, President of CAS, will be interim EX Sec.

1996 CAS Officers are: President - Terry Murphy (Denver Chapter), Vice-President - Brian O'Neill (Grand Junction), Treasurer - Liz Bacon, Secretary - Mary Jo Krause.

B. Dowe Flats, letter sent by Steve Montgomery and CAS expressing concerns that Cultural Resource Management Plan not being implemented as promised. Boulder Land Use Committee sent a letter to notify IPCAS of the 1 year review. 10/18/95.

C. Book Sales status, Michael Landem reported \$606 in sales to date. Discussed IPCAS inventory of library, and suggestion that IPCAS members individually purchase 1 copy of the 17 listed books and then donate them to library. Michael Landem will write article for newsletter.

Motion made and passed to have Michael list books in the Calumet available for 75% of list price with a donation plaque for donating members.

Mutaws will keep library for another year! Thanks.

D. Rock Creek Report - Complete and ready for printing. Motion made to print 50 copies @ \$5.00 each. Motion amended to 30 copies, motion passed.

E. Nomination Committee - Morey Stinson needs help. Candidates needed for V.P and Project Information Officer. (See article elsewhere in Calumet.)

Maureen Arthur, Secretary

Desert fossil may indicate oldest animal

South Hadley, Mass - An American geologist has found what scientists said could be the world's oldest animal fossil, the outline of a jellyfish-like creature that lived on the sea floor 699 million years ago.

Mark McMenamin of Mount Holyoke College made the

discovery in March in the Mexican desert, about 100 miles south of Tucson. He was hiking when he came across the fossils, etched in sandstone and shale lying exposed on the desert floor.

The fossil shows the 2-inch-long form of a new species of Ediacaran biota, which are among the oldest creatures that can be considered animals, McMenamin said. The fossil shows a central bell with apparent tubes radiating outward.

Stephen Rowland, a geologist at the University of Nevada at Las Vegas, said: "If the age turns out to be anywhere near correct, animal life may have evolved earlier than we thought."

He added that the findings may help shift the search for early animal life from Australia, Russia and Africa to the American continent.

By The Associated Press, reprinted from The Denver Post, 10/21/95.

ARCHAEOLOGICAL VANDALISM DISTURBS SITES

A cross, a pentagram, a peace symbol and Rose have desecrated previously unknown native American sacred sites in Rocky Mountain National Park. In mid-September, Kenny Frost, a Southern Ute and archaeological consultant, joined Park Officials to inspect rocks and tundra near Trail Ridge road.

Frost confirmed the existence of the sites and pointed out the damage that has been done to centuries old Ute vision quest sites by moving rocks to form symbols and words. In addition to moving rocks to spell out the words, "God Is", vandals have set up a cross that marks north, south, east and west, a pentagram, a peace symbol and an arrow. Nearby, someone else left the name, "Rose".

"If you move the rocks, you lose the site forever. It loses its power," Frost said. "We don't know if it's Hot Tub New Agers who try to get close to Native American religions or people who did not understand what they were doing who did this."

Ute Indians hunted in the park and also used several high altitude vistas as sites for vision quests, in which young men would spend four days and four nights fasting to seek a vision, Frost said. This site at 12,200 foot elevation offers a panoramic view of the Gore Range, Longs Peak and the Medicine Bow Range in Wyoming.

Such sites first gained federal protection under the Antiquities Act of 1906, and got more protection under the Archaeological Resource Protection Act of 1979. They also have protection under Colorado law. Anyone caught defacing protected sites could face substantial penalties in

finer, prison terms or both.

After documenting the vandalism, Park officials plan to move the rocks so others are not encouraged to set up similar symbols. But the damage to the sacred site cannot be undone. Frost said his people have already lost many sites that were significant to them, and when those sites are lost the government loses and the general public loses too. "It's a no-win situation. Everyone loses. The sheer movement of one rock destroys that site. Once you move them you lose it forever."

COLD STORAGE

Paleoindians sometimes preserved their meat underwater, according to paleontologist Daniel C. Fisher of the University of Michigan. Fisher found sand and cobblestones associated with 11,000-year-old mastodon bones and remnants of two wooden posts, possibly markers, at the Heisler lake bed site in southern Michigan. The melon-sized masses of sand and stone were surrounded by fecal matter from a large herbivore, and plant bacteria commonly found in mammalian intestines were also present. Fisher says the meat was tethered to the bottom of shallow ponds with anchors made from sections of mastodon intestine filled with sand and cobblestones.

Fisher tested the feasibility of preserving meat underwater by anchoring legs of lamb and venison to the bottom of a shallow, open-water pond in southern Michigan. "The meat remained essentially fresh during the winter," Fisher says. "By spring, progressive discoloration had developed on the outside, but interior tissue looked and smelled reasonably fresh. The low temperature and oxygen levels, water chemistry, and acidity produced by bacteria normally present in pond water all helped protect the meat from other bacteria that would normally decompose animal flesh on land."

Scott E. Mardis, Reprinted from the Nov/Dec 1995, ARCHAEOLOGY, p23.



Toothless bird fossil has paleontologists smiling

By John Noble Wilford, The New York Times

Long ago, when hens' teeth were anything but scarce, there lived a bird by a lake surrounded by lush forest. This bird, about the size of a bantam rooster, had a long tail like its reptilian ancestors and vestigial forearms that ended in claws, handy for climbing trees in the era of dinosaurs.

But this bird had taken a precocious evolutionary step.

This is the earliest bird known to paleontology to have abandoned the toothy jaws of its reptilian ancestors, replacing them with a true avian beak.

Fossil remains of this bird were found in

China last year, and excited paleontologists, astonished by the discovery, say the findings could have revolutionary effects on thinking about bird evolution.

The exact age of the bird is not known, but paleontologists say it was probably close in time to *Archaeopteryx*, the transitional reptile-bird that lived about 147 million years ago in what is now Germany and is recognized as the oldest known bird. If that is the case, the new fossil species lived 70 million years earlier than the previously oldest known toothless bird, *Gobipteryx*, from Mongolia.

The discovery of a skull, wing, two feathered legs and a pelvis in ancient lake-bed sediments was made by a farmer in China, near the border with North Korea. Chinese and American paleontologists describe the find and its implications in the current issue of the journal, *Nature*.

For almost a century *Archaeopteryx* has been alone on its perch as the early bird of the Jurassic geological period. But the new findings suggest that birds in several form and stages of evolution probably existed at the time or shortly thereafter.

Reprinted from p4A, The Denver Post, 10/19/1995.



1995 INDIAN PEAKS OFFICERS

MEMBERSHIP APPLICATION

PRESIDENT: Steve Montgomery 443-4414
VICE PRES: Tom Cree 776-7004
SECRETARY: Maureen Arthur 939-8342
TREAS/MEMBER: Dick Owens 650-4784

DIRECTORS:
Hilary Reynolds 530-1229 Bob Powell 494-9445
Dock Teegarden 494-6496 Cheryl Damon 678-8026
Ken Larson 469-2228 Leni Clubb (610) 358-7835
Kristine Hollen 586-8982 Michael Landem 499-9877
Mac Avery 499-3455 Donna Shay 443-3273

COMMITTEE CHAIRPERSONS:
CAS REPRESENTATIVE: Anne Mutaw 666-0437
PROFESSIONAL ADVISOR: Bob Mutaw 666-0437
PROJECT INFO OFFICER: Laura Viola 442-2019
PAAC COOR's: Janet & Morey Stinson 530-7727
CALUMET EDITOR: Ed Grefrath 444-2091

Please check : Individual \$25/yr New
 Family \$28/yr Renewal
Date: _____
Name _____
Address _____
City _____ State _____ ZIP _____
Telephone _____

Please make check payable to: Indian Peaks Chapter, CAS
Mail To: P.O. Box 18301, Boulder, CO 80308-1301
To receive membership card & roster, enclose a stamped, self-add envelope.

When you join the Indian Peaks Chapter of CAS, you will receive our monthly newsletter, **The Calumet**, & the CAS quarterly Magazine, **Southwestern Lore**. You will be informed of recent developments in Colorado Archaeology as well as field surveys to locate and record archaeological sites, travel opportunities to places of archaeological interest, courses and workshops in archaeology, and monthly meetings featuring guest speakers.

THE CALUMET --- INDIAN PEAKS CHAPTER

CALUMET

*Newsletter for the Indian Peaks Chapter
of the Colorado Archaeological Society*

*P. O. Box 18301
Boulder, CO 80308*



0596
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Number on the mailing label above is the mon/yr your membership renewal is due.