



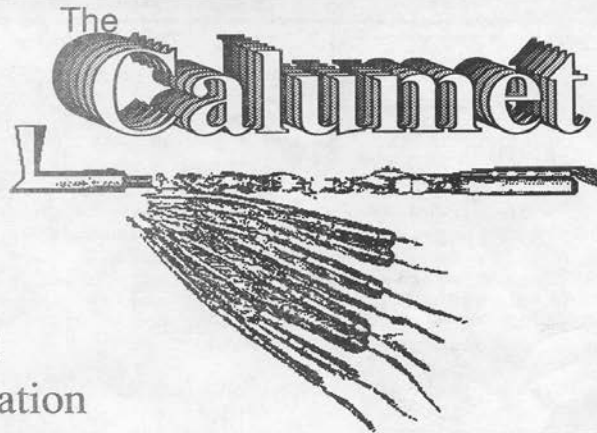
Lyons Chapter
Colorado Archaeological Society

Conservation

Preservation

Education

Exploration



Calendar of Events

FEBRUARY 1990

Feb. 12,19,26. State Department of Highways Artifact Lab, 2401 E. Arkansas, Denver, Room 162. Lab work on Vale Pass artifacts. Call 757-9011, ext. 2158 for O D Hand to get information.

Feb. 18. Deadline for suggested names for the Lyons Chapter. Call your suggestions to Ed Grefrath (444-2091, or Rick Lippincott (828-3144). A ballot will be available at the regular Chapter meeting.

Feb. 20. Executive Board meeting, Ed. Grefrath's 3875 Cloverleaf Dr., Boulder, 7:30 p.m. Call 444-2091 for directions.

Feb. 21. Archaeological program for teachers at Ricketson Auditorium, Denver Museum of Natural History, 7:30 p.m..

Feb. 27. Regular Chapter meeting, Education 231, CU Campus. The speaker will be Julia Johnson on "The History of the Wetherill-Grand Gulch Research Project is Words, Music, and Slides"

Feb. 28. Deadlines for March material for The Calumet.

ARCHAEOLOGICAL PRESERVATION WEEK, MARCH 11-17

Bits & Pieces

The Rabbit Mountain Report is out and Sharon Pay is to be congratulated, along with those who labored in the background to make this excellent report possible. Sharon sent a copy

of the report to Bill Maxson, who passed it along to Larry Riggs for the Chapter library.

Note from Fred Lange, curator of Anthropology, CU Museum: "Congrats to all of the hard-working members of the Lyons Chapter on the occasion of the publication of the "Partial Reinventory" article in *Southwestern Lore*. These types of projects and publications are extremely important, and everyone should be proud of the effort and outcome of this work. Keep up the good efforts."



A Valentine heart to Sharon, Pat Hatfield, Louise Derr, Ann Pipkins, and Laura Viola (West Arapahoe Project Report, Calumet, 12/89) and all those who helped in the reports.

The Open Space Board of Trustees presented the Lyons Chapter with a Certificate of Appreciation for the volunteer hours contributed to Boulder Open Space archaeology. Bill Maxson attended the January 10 meeting and received the certificate on behalf of the Chapter. It is through the efforts of the above that the Chapter is being seen as a positive resource for archaeological preservation in Boulder County.

This leads us into the fact that Archaeological Preservation Week is March 11-17 as proclaimed by Gov. Roy Romer himself. On a more modest level, our own Kay Evatz, a professional teacher, is chairing a Chapter committee to develop a program for school representation. Kay is an expert at designing informative and educational programs on U.S. and Colorado history for presentation to groups from pre-schoolers to adults.

This leads us now into a special program for teachers in the Denver area offered at Ricketson Auditorium of the Denver Museum of Natural History on Feb. 21 at 7:30 p.m. Sponsored by CAS and Denver Chapter, the program for teachers will feature Dr. Susan Collins, state archaeologist, Kevin Black, assistant state archaeologist, and Susan Oton, president of CAS.

Kae McDonald has undertaken the archaeological field work for the trail Boulder is building from Eben Fine Park up Boulder Canyon. The trail follows the old rail bed which includes some stone buttresses. If you know something about the early history of this railroad, call Kae at 530-3617.

As the Editor struggles to fit ten kilos of type in a ten cubic centimeter bag, he begs to announce that the deadline for material for The Calumet is and will be forever more, the last day of the preceding month!!! Thus, the deadline for the February issue is 31 January; the March deadline is therefore 28 February.

In a final burst of glory... a whole mountain of thanks and appreciation to Bill Maxson for his tremendous leadership of the Chapter in 1989 as president. May Ed and Rick do as well in 1990.

Executive Board

The Executive Board met January 23, 1990, at the home of Ed Grefrath. Present were

Ann Hayes, Ed Grefrath, Jeannie Hamilton, Lee Lacey, Sue and Rick Lippincott, Bill Lucius, Bill Maxson, Ann Pipkins, Ann Phillips, and Dock Teegarden.

Treasurer's Report: Balance of \$514.14. This includes dues from 33 renewed memberships.

Archaeological Preservation Week: March 11-17. Larry Riggs reported from the CAS Quarterly Meeting the state organization is putting a huge amount of energy into promoting this observance, including bookmarks, posters, and presentations. Lyons Chapter is focusing on school presentations. Kay Evatz is chairing the event with Sharon Korman, Kae McDonald, Mary Lou Maxson, and Pam Baker as the committee.

Lyons Chapter Name Change: Suggested names to reflect the broader scope of the membership of the Lyons Chapter include Boulder County, Boulder Valley, Arapahoe, and Indian Peaks. These suggested names and others will appear in the February newsletter along with a ballot for voting on the change by the membership. The Vote will be taken at the March meeting.

Boulder City Open Space Cultural Resource Guidelines: The Board congratulated Brent Wheeler on this excellent draft of the cultural resource guidelines. A letter will be sent from the board expressing appreciation for the City's focus in this area. CAS membership will provide as much help possible in surveying on a project-by-project basis once the program has been established. The Chapter would also like to supply this service for Mountain Parks and the County Open Space as well, recognizing the volunteer nature of the organization as well as available time and expertise. The Chapter would hope to be reimbursed for its costs. Monies from the Boulder Citizens Cultural Advisory Committee grant would supply the equipment necessary for this project.

CAS Quarterly Meeting: Larry Riggs represented the Chapter at the Colorado Spring meeting. He reported on the C. T. Hurst Award recipient, Archaeological Preservation Week, the Anti-Vandalism Task Force, and the need to support the reinterment policy, a bill presented to the state legislature. Larry reported the annual encampment will be held at Twin Lakes, June 29 to July 1. The next quarterly meeting will be in LaJunta in April, Steamboat Springs in July, and the annual meeting at the Don K Ranch the first week in October. Publication of the memoir series on Chimney Rock and another on Pinon Canyon, can be purchased through State CAS.

PAAC Report: Each CAS chapter will host one PAAC class every six months. Kevin Black taught one class before Christmas, and another is in process now. Members can attend PAAC classes given by another chapter. Call Ann Pipkins (449-0851) for information. As of April 1, all new site forms will be issued. The new forms are designed for computer data base.

Field School: Chapter professional advisor Bill Lucius is offering the possibility of a CAS Intensive Field School in the Fort Collins area. The school would be open to Lyons and Fort (Continued: Page 7)

DESERT WIND

By Leni Clubb

Early American Seafarers

By John Noble Wilford
New York Times News



A prehistoric tableau is etched in the popular mind. On a bleak plain, hunters wrapped in animal skins and carrying spears lean into the frigid wind as they pursue the caribou and woolly mammoth; women and children follow them. These are the first migrants crossing from Asia to North America many thousands of years ago over the connecting bridge of land where the Bering Strait is now.

"That image is almost certainly all wrong," said Dr. William W. Fitzhugh, an anthropologist and director of Arctic research at the Smithsonian Institution.

New interpretations of archaeological and geological discoveries have led some scientists to conclude that many, if not all, of the first Americans were not primarily big-game hunters but a maritime people.

They presumably came across in the last Ice Age, sometime between 25,000 and 12,000 years ago when much of Europe, Siberia, and northern North America were covered by great masses of ice. With so much water locked up in ice, sea levels plunged more than 300 feet, exposing the sea floor between Siberia and Alaska and creating a dry connecting plain at least 1,000 miles wide.

The migrants did not cross the interior tundra of some narrow land bridge, according to the emerging hypothesis, but followed by foot or perhaps with skin boats the more hospitable southern coast of the exposed land mass that extended south in the present Bering Sea, at times as far as the Aleutian Island chain. Along this coast, they lived on the more plentiful supply of fish, sea mammals and birds.

To some degree we're speculating," Fitzhugh said. "But the data we are getting is moving us away from the hunters-on-the-tundra scenario."

Advanced maritime cultures

Studies of fossilized pollen show that the land bridge interior was so bitterly cold then that vegetation was probably too sparse to attract enough caribou and other large animals to have supported migrant hunters. No stone weapons or other human artifacts have been found in the North American Arctic that can definitely be associated with bones from mammoth kills. Soviet excavations in Asia indicate that the early people there were not necessarily nomadic hunters; most of their preserved weapons (Continued on Page 5)



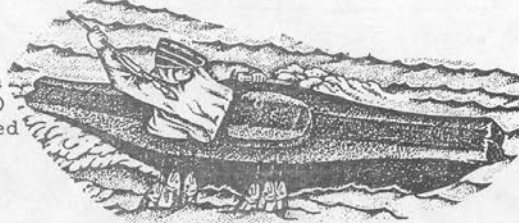
Clues to an ancient culture

To some archaeologists, artifacts found in Alaska suggest that the first migrants from Asia to North America were not hunters but rather a coastal people. No traces of them have been found, but artifacts made later, like the Kodiak Island plaque above, reflect a maritime tradition. The plaque probably protected a skin-covered boat.

Seafarers: from Page 4

and art suggest they hunted small game like rabbits.

Moreover, archaeologists are turning up increasing evidence that people who lived on the American coast of the Bering Sea and Pacific Ocean 6,000 to 8,000 years ago has relatively advanced maritime cultures. They made fishhooks and harpoons of bone and hunted whales, which meant they must have had boats.



Archaeologists say the complexity of these societies indicates that they descended from people with a much more ancient maritime tradition, complete with boat-building technology.

"The resources of the coasts have been almost totally overlooked in studies of early man in America," said Dr. William S. Laughlin, an anthropologist at the University of Connecticut in Storrs and one of the earliest proponents of the maritime hypothesis.

Dr. Knut R. Fladmark, professor of archaeology at Simon Fraser University in Burnaby, British Columbia, concedes that most experts remain committed to the idea of the first migrants being big-game hunters crossing the dry interior of the land bridge.

"Archaeologists by the nature of their business look to the land instead of the sea," Fladmark said. To substantiate the coastal scenario, archaeologists would have to go to the bottom of the Bering Sea for the strongest evidence, for the coastlines of the time of the great migrations, and any remains of those early settlers, are now submerged.

No one is sure when the migrations began. The earliest firmly documented evidence for human occupation of America, fluted stone projectile points, puts the date no more recently than 12,000 years ago.

New view of cultural maturity

The prevailing theory has been that at least three separate waves of migrants crossed the land bridge into the interior of Alaska and Canada and then south into western United States. Several mammoth kill sites have been found in the western states. Only later, archaeologists believed, did some people branch off and head for the coastal life.

Fitzhugh noted impressive new evidence for coastal migration comes from recent excavations of settlements of 6,500 to 8,000 years ago. In particular, he cited a Kodiak Island site that is yielding thousands of stone and bone remnants of a "very mature" culture that lived off the sea and seemed to have a more advanced society than contemporaries in the American interior.

Among the 30,000 identifiable artifacts found by archaeologist Philomena Knecht, are bone tools and fishhooks, bone harpoons, and tiny stone blades comparable to those found earlier in Siberia.

The Library Shelf

by Larry Riggs

Recent acquisitions by the library include the latest volumes in the Colorado Bureau of Land Management series. The **Excavation of the Hummingbird**

Rockshelter, (vol. 27) by Conner and Langdon, describes work on a shelter near Rangely. The **Harris Site Excavation** (vol. 28), by Dr. Gordon C. Tucker and the Chipeta Chapter of CAS, is of obvious interest to members of our organization and describes work on a site west of Montrose. **A Forgotten Kingdom: The Spanish Frontier in Colorado and New Mexico, 1540-1821** (vol. 29) by Frederic Athearn, who is both editor and sometime author of this series, is another valuable addition. We have Rick Athearn to thank for keeping our library up to date on these very valuable books. They are at once readable, current, and accurate scholarship and well worth the time invested in reading them. Thank you Rick.

At the January CAS quarterly meeting in Colorado Springs, Dr. Ann Johnson gave each chapter a copy of **Cultural Resource Inventory and Testing in the Salt Creek Pocket and Devils Lane Areas, Needles District, Canyonlands National Park, Utah**, by Tipps and Hewitt. This is the first number in a new series by the National Park Service and we hope that there will be many more in the future. Thank you Ann.

Also at the January CAS meeting, a motion was passed to give copies of the two latest memoirs (nos. 3 & 4) of the Society, be given to the libraries of each chapter. So we now have **Rock Art of the Western Canyons** edited by Jane Day, Paul Friedman, and Marcia Tate, and **Temporal Assessment of Diagnostic Materials from the Pinon Canyon Maneuver Site**, edited by Christopher Lintz and Jane Anderson. You may remember the Rock Art Symposium held at the Denver Museum of Natural History in April 1987. The first of these memoirs is an outgrowth of that event. It is nicely illustrated, well referenced, and comes highly recommended. The Pinon Canyon Memoir is also very interesting, well documented, and illustrated. The Society sells these books and you might like to have a copy for your own library, but feel free to look over the copies in the Chapter library. I think you will see they are truly first rate efforts and will make you proud of your Society. As always, thanks to all the contributors to the Chapter library.

Executive Board

continued from Page 3

Collins chapters. Bill has taught a similar intensive program through the Four Corners School of Outdoor Education. He plans an intensive program of survey,

excavation, lab work, recording, mapping and all other phases of archaeological field work. The school will be two weeks and perhaps three weeks in length. If enough interest is expressed at the January 30 meeting, he will pursue this idea for a site somewhere near Fort Collins. The Board suggested sharing this school with the Fort Collins Chapter.

February Executive Board: at Ed Grefrath's 3875 Cloverleaf Dr., Feb. 20 at 7:30 p.m. Meeting adjourned, 10:30 p.m. Ann Phillips, Secretary

PAAC News from Ann Pipkins

Here is the PAAC class schedule through June.

FEBRUARY

2-4	Pueblo	Research Design & Report Writing
7, 14	Denver	Lithics Description & Analysis
23-26	Montrose	Lithics Description & Analysis
28	Denver	Lithics Description & Analysis

MARCH

2-5	Cortez	Lithics Description & Analysis
7, 14	Denver	Lithics Description & Analysis
11-17	Statewide	Archaeological Preservation Week
23-25	Grand Junction	Introduction to Lab Techniques
28	Denver	Lithics Description & Analysis

APRIL

3	Fort Collins	Colorado Archaeology
6-9	Durango	Historic Archaeology
17, 24	Fort Collins	Colorado Archaeology
27-30	Canon City	Colorado Archaeology

MAY

1, 15	Fort Collins	Colorado Archaeology
18-21	Colorado Springs	Basic Site Survey & Ethics
22, 29	Fort Collins	Colorado Archaeology

JUNE

22-23	Gunnison	Intro to Archaeology, CAS & PAAC
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NOTE: The cost per class is \$10. Checks should be made payable to "Colorado Historical Society - PAAC"

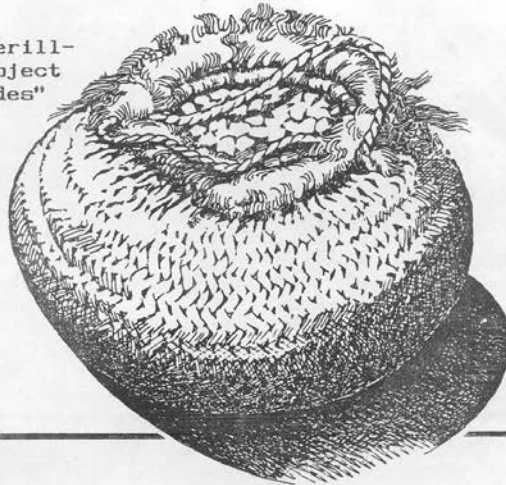
Lyons Chapter Regular Meeting: February 27

Where: Education 231, CU Campus

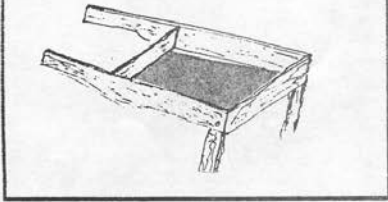
What: "The History of the Wetherill-Grand Gulch Research Project in Words, Music and Slides"

Who: Julia Johnson
Ms Johnson is the director of the Wetherill-Grand Gulch Research Project

You are invited to join the
Chapter for this exciting
presentation.



Off the Screen



From Jeannie Hamilton (she of the finance division) comes word that dues will no longer be on a calendar year basis. Effective immediately, the date that appears on your mailing label indicates the month/year your membership check was received. Your dues are due a year from that date. Also, because of printing and postage costs, the Executive Board resolved to issue one complimentary copy of *The Calumet* for the month immediately

following a membership renewal date. To allow time for this new procedure, a grace period through February 1990 has been set for continuing to receive your *Calumet*, and receipt of your dues. The Lyons Executive Board also resolved that the chapter membership card will now be available by sending a stamped self-addressed envelope with your dues check. Otherwise, you can pick up your membership card at the regular meeting. This applies to renewals only.

The Boulder County Cultural Council has recommended the Lyons Chapter for a \$2,000 grant to purchase equipment for survey work in Boulder Open Space areas. The Chapter should receive the funds sometime in April. The money will be used for a transit, tapes, and other survey equipment and to create a slide show on archaeological survey as part of the Chapter's education program. The Chapter had requested \$2,400.

Up in the March-chilled high desert of central Oregon, there will be a happening to gladden the hearts of the likes of Lee Lacey. Said happening in the 5th Annual Glass Buttes Spring Break Knap-In and Sharing of Aboriginal Skills on March 19-23.

The site, off U.S. 20 west of Burns, Oregon, is near an obsidian quarry. Those hardy knappers are asked to come self-contained (food and water), extra firewood, and very warm clothing and bed rolls (the announcement talks about 4 inches of snow, and below freezing night temperatures).

This is not a school, but informal sharing of aboriginal technologies among an expected group of more than 80 persons. If interested, contact Lee Lacey (442-4400) for additional information.



"You have a small capacity for reason, some basic tool-making skills, and the use of a few simple words.' ... Yep. That's you."

LYONS CHAPTER EXECUTIVE BOARD, 1990

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1990 APPLICATION FOR MEMBERSHIP
IN THE LYONS CHAPTER,
COLORADO ARCHAEOLOGY SOCIETY

Individual membership New Member
 Family membership Renewal

Name(s) _____

Address _____

Phone numbers _____ (h) _____ (w)

Make check payable to LYONS CHAPTER, COLORADO ARCHAEOLOGY SOCIETY
Mail to JEANNIE HAMILTON, 1100 Deer Trail, Boulder, 80302
For renewals, please enclosed a stamped, self-addresses envelope
with your check to receive your membership card and roster.