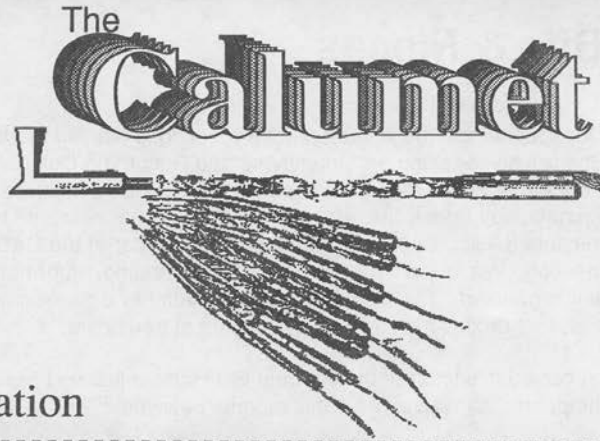




Lyons Chapter
Colorado Archaeological Society

Conservation
Preservation
Education
Exploration



Calendar of Events

- Aug. 6 Third Quarterly CAS meeting. Montrose.
- Aug. 13 Seventh Annual World Open Atlatl Contest in Casper, Wyo.
- Aug. 18-21 Pecos Conference. This year the Pecos Conference is at the McPhee campground, Delores CO. Registration form in July's newsletter. If you need a registration form call Sue (776-2350/ 776-8907)
- Aug. 23 Lyons Chapter Executive Board Meeting, 7:30 pm. We will meet at Larry Riggs house, 1390 Lombardy Dr. For directions call him at 449-2852.
- Aug. 30 Lyons Chapter Regular meeting. Our speaker will be Marylin Martorano. The title of her talk will be "Identifying and Recording Culturally Peeled Ponderosa Pine Trees." The meeting will begin at 7:30pm Hellems room 141, on the CU boulder campus.
- Aug. 26- Sept. 5 Colorado State Fair. CAS exhibit on Anasazi farming techniques. They need as many volunteers as they can get. So please plan to attend
- Sept. 10 Jean Kindig will lead a hike into the Fourth of July Valley! More info in this newsletter.
- Oct. 7-9 CAS Annual Meeting in Fort Collins.

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- The Far Side6

Bits & Pieces

from the Prez

Our speaker for the August regular meeting is Marylin Martorano. She will be speaking on "Identifying and Recording Culturally Peeled Ponderosa Pine Trees (tree scars)". Marylin has a Masters degree in Archaeology from CSU. Her talk is based on her research for her masters thesis. She presented this talk last year at the CAS annual meeting. We found her research to be interesting, informative and well organized. The Park Service has given her a contract to develop a visitors program on the cultural aspect of tree scars.



I received this letter of thanks from Pat Hatfield just as I picked up the July newsletter from the printer, so I saved it for this months newsletter.

Thank YouThank YouThank YouThank YouThank You
To all of you who donated your time, your energy, your goodies, and your wonderful talents, a huge THANK YOU for making our Second Garage Sale a tremendous success. Because of your efforts, we were able to contribute over \$300 towards our Educational Program Fund and Chapter expenses. It was hard work, great fun, and extremely rewarding. So looking forward to the next sale, save all your treasures so we can make this event an even bigger success next time. Thanks again everyone!

Pat Hatfield

Thank YouThank YouThank YouThank YouThank You

It's that time of year again! At the next executive board meeting we will be setting up a nominating committee to select the candidates for next years officers, and members of the executive board. All of the executive board positions are on the last page of this newsletter, so look it over and if you see a position that you are interested in, or if you know of someone who would be perfect for that position PLEASE come to the executive board meeting this month.

The State Fair exhibit is in full swing now and Fran Cosleón is looking for a few strong backs to help build the check dams. The building of the exhibit will be from Aug 15-24. So if you can make it to help out call Fran at 719-544-3344 to volunteer!

The CAS Quarterly Meeting is Aug 6 in Montrose. These meetings are alot of fun and are very informative. So if you can make it to the meeting, plan on it.

Ron & Wendy Thomas have a new address
408 Lost Angel
Boulder, CO 80302

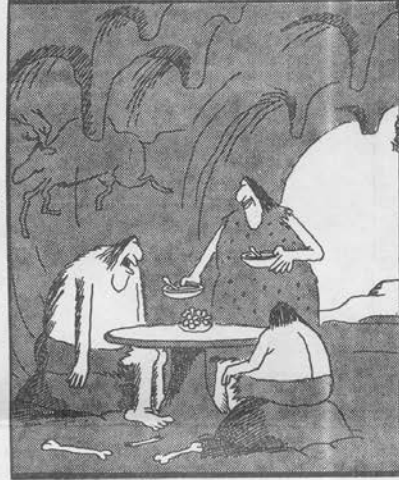
New Member
Kevin Gilmore
Campus Box 233 CU
Boulder, CO 80309
(w) 449-3618/ (h) 757-9631

CAS Bone Lab

The Bone lab is now up and running! If any of you have any interest in bone and faunal analysis this is the place to learn! The boners meet every monday from 10am -3pm and tuesday evenings 7pm - 9pm. The Bone Lab shares space with the Denver Chapter lab on the University of Denver Campus. If you know very little about bones and want to learn please come, someone there will be willing to help you learn. If you need information on how to get there or any other info please call Sue 776-2350, 776-8907, or Charlotte 279-6934.

**CAS ANNUAL MEETING
OCTOBER 7,8,9**

The CAS Annual Meeting will be held Oct. 7-9 in Fort Collins. Doug Bowman has called for papers. The past emphasis of the papers has been an the exchange of knowledge on a personal level. The papers will be limited to 15 minute presentations. If you have a subject to present call Sue (776-2350/776-8907) to get a copy of the form to submit your paper. It is a first come first serve basis so don't put off your registration.

**Hike To 4th of July Valley
Saturday September 10th**

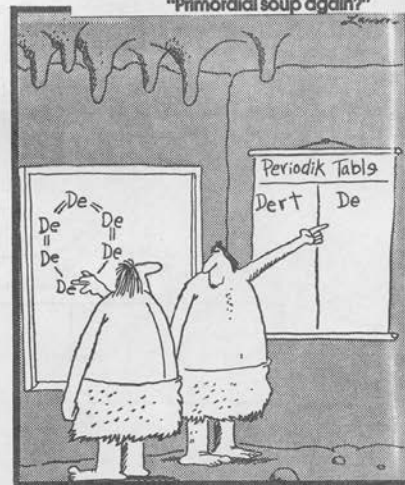
See the sites excavated by James Benedict from 1971- 1975 including the Ptarmigan and the 4th of July sites. One of the most beautiful valleys in the Indian Peaks Wilderness with views of the Arapahoe Peaks and Mount Neva.

We will start our hike from the 4th of July parking lot and hike 2 miles on the Arapahoe Pass Trail and then hike into the valley approximately two miles to the sites along the North Fork of Middle Boulder Creek. Meet at 7am at the parking lot where Pearl St. meets Canyon Blvd. where we will arrange a car pool.

Topo maps: East Portal and Monarch Lake
Distance: Approximately 8 miles round trip.

Approximate elevation: 11500 ft.

Call leader Jean Kindig 442-2581 to sign up.



Early chemists describe the first dirt molecule



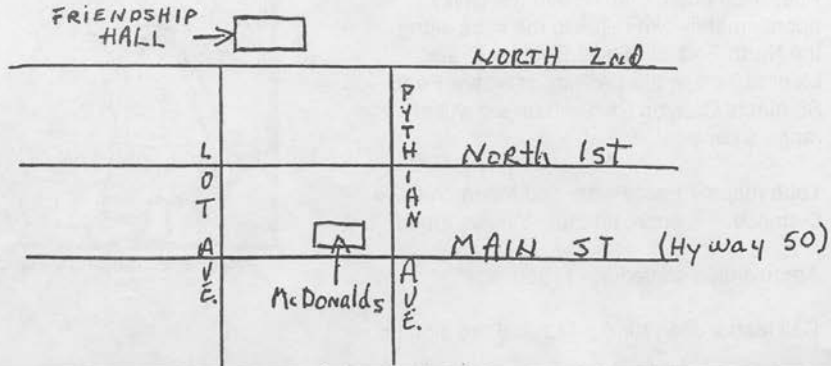
THE COLORADO ARCHAEOLOGICAL SOCIETY

Publishers of Southwestern Lore

Dear CAS Board members and Advisory Committee members:

The third quarterly meeting of the CAS Board and Advisory Committee will be hosted by the Chipeta Chapter, August 6, 1988. The meeting will take place at Friendship Hall, Montrose County Fairgrounds, 1001 N. Second, 2 blocks north of McDonalds. To assist attending members a list of Montrose motels has been provided. In addition, members of the host chapter have opened their homes to those interested members. To secure reservations contact Linda Delman, 249-2360. Chipeta chapter president, Sharon Manhart and her husband, Hal will host a pic-nic on Saturday evening. Maps to Manhart's will be available at the meetings. BYOB and bring side dishes, muncies or deserts.

- 9:30 Advisory Committee meeting
- 12:00 Lunch
- 1:00 Board meeting
- 6:30 Pic-nic at Manhart's



1988 COLORADO ARCHAEOLOGICAL SOCIETY 3RD. ANNUAL ENCAMPMENT
Pike Community Campground, Pike National Forest
Teller County, Colorado

ATLATL CONTEST
Results of the Final Place Standings
of the 52 Atlatl Contestants

CAS Greatest Honor Award

Ken Gramstad (CAS)

Adult Men

- 1st. Paul Leininger (Montana)
2nd. Ken "Red" Gramstad (CAS, statewide)
3rd. Tim Boucher (Roaring Fork)

Adult Women

- 1st. Heidi Leadabrand (Roaring Fork)
2nd. Mary Nelson (San Luis Valley)
3rd. Jeanne Crouch (Lyons)

16 & Under

- 1st. Scott Laird (Denver & Wyoming)
2nd. Gabe Cosyleon (Pueblo)
3rd. Jay Owens (Pikes Peak)

10 & Under

- 1st. Ken Herrman (Colorado Springs)
2nd. Dawn Moyer (Pikes Peak)
3rd. Eve Cosyleon (Pueblo)

INDIAN GAMES RESULTS

12 & Under

- 1st. Tara Bramel (Denver)
2nd. Megan Hagan (Pikes Peak)
3rd. Jay Owens (Pikes Peak)

Adults

- 1st. Charlotte Bechtold (Denver)
2nd. Terry Murphy (Denver)
3rd. Bonifacio Cosyleon (Pueblo)

(Results from Leni Clubb)

The World Atlatl Association

THE WAA - The World Atlatl Association was incorporated as a non-profit incorporation in September, 1987. In 1988, on the July 4th. weekend, at the Colorado Archaeological Society Encampment, the WAA Board of Directors met in Teller County, Colorado, and voted on officers, membership dues of \$10, membership cards, a logo, and a small newsletter for the new organization. Within two days, 29 persons had joined.

Charter memberships will extend until June 30, 1989. Everyone who is interested should be able to join. Please help pass the word.

OUR AIM - To illustrate the reasons for forming our new Atlatl Association, in addition to the avid enthusiasm for the sport, the following is from the CONSTITUTION OF THE WORLD ATLATL ASSOCIATION, ARTICLE 3 - PURPOSES: This non-profit corporation is organized for the following purposes:

- A. The purpose of this Association shall be to encourage the manufacture, use, practice, competition, promotion, and perpetuation of the atlatl throwing spear as an ancient hunting weapon and modern sporting recreation;
B. To bring together those persons interested in the atlatl;
C. To cooperate with conservation, preservation, anthropological, and archaeological organizations; to discover, record, and preserve any material and information that establishes the ancient presence of the atlatl or illustrates the atlatl;
D. To provide for the maintenance and preservation of archaeological materials and information related to the atlatl and for their accessibility to anyone desiring to examine or study them;
E. To maintain the records, rules, standards, and good sportsmanship for contests in the use of the atlatl. ...

MEMBERSHIP APPLICATION TO THE WORLD ATLATL ASSOCIATION, INC.
8800 State Highway 133, Carbondale, Colorado 81623, U.S.A.

Individual dues are \$10 a year and sent to the above address.

Printed Name: _____

Mailing Address: _____

Telephone Number: _____

The following article is from The Sunday Star Tribune, Casper WY, 6-26-88

Ancient skeleton that of man badly injured, but cared for, experts say

Discovery near Bairoil could be 'considerably significant'

By CANDY MOULTON
Star-Tribune correspondent

BAIROIL — A skeleton excavated at Amoco Production Co.'s enhanced oil recovery project appears to be of a man who was severely injured, but nursed back to health by his companions who lived from 2,000 to 5,500 years ago, archaeologists say.

The find could be "considerably significant," said Casper archaeologist John Greer, lead investigator in the discovery.

Pathological studies conducted by University of Colorado skeletal biologist Dennis VanGerven show the man found buried at the site had "most of his face wiped away," Greer said.

VanGerven, hired by Amoco, said the man had "substantial injury to the left and right side of his

face." He also had a serious skull fracture, a broken foot, arthritis and could have been blind, Greer and VanGerven said.

The injuries, believed to have been caused after the man was an adult, all healed — indicating that others cared for him, VanGerven said.

The injuries would have been "potentially life threatening" even in today's society, and certainly would have been so at the time the man lived, VanGerven said.

The two archaeologists say the skeleton is of a man who was about 30 years old, between 5'6" and 5'8" and probably weighed about 165 pounds — considered "robust" for that era.

Meanwhile archaeologists say the finds in the Bairoil area have helped to create a new picture of the people who lived in Wyoming thousands of

years ago — as people who had villages in one place for part of the year, though they were basically hunter-gatherers as has always been thought.

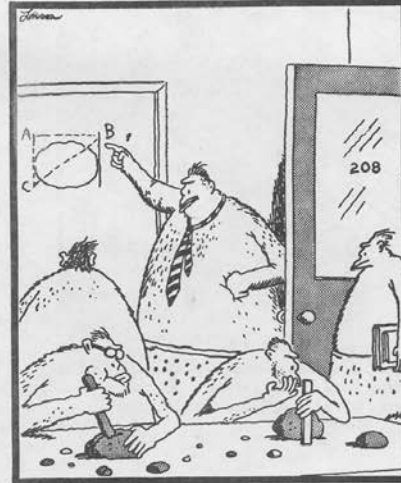
It appears the man was buried by his companions, a common practice in hunter-gatherer societies. The burial is one of the first in Wyoming to be completely scientifically excavated, with no digging before archaeologists begin their work, according to Greer, a contract archaeologist for Amoco.

University of Wyoming anthropologist George Frison — the former state archaeologist — said that if the bones prove to be 1,000 to 2,000 years old the find "is not too significant" because most burials found in Wyoming are from that era, he said.

"If it's over 5,000 years (old) it Please see SKELETON, A16



"No, thank you. It's a little nuts out there for me right now."



Rock Shop 101

Skeleton

Continued from A1
could be fairly significant," Frison said last week. The oldest bones found in Wyoming, at a site near Casper, are from 5,250 to 5,350 years old.

The Bairoil grave was found near an area where a number of indications of human activity as old as 10,000 years have been found. Other Wyoming sites have yielded items of about that age, though the number of finds at Bairoil appears to be unusual.

Although some human burials in the 1,000-2,000 year range have been found, none have been completely scientifically excavated because they are typically found by landowners and amateurs who dig up the bones before notifying authorities of the burial site, Greer said. The archaeological supervision of the Amoco

project has by contrast made it possible to excavate properly this burial site, he said.

Greer said evidence near Bairoil indicates there were many people living in the area — perhaps in villages — for part of the year. As a result "we would expect to find (more) burials," Greer said.

However, he noted that evidence which suggests the man was taken care of by others could mean he was "special." That status may mean his burial was not the usual custom, but unique and that other burials won't be found, he added.

The grave does confirm the people were still hunter-gatherers, since following the known traditions of such a society no tools or weapons were buried with the body, Greer said. Material possessions were so rare and therefore valuable in such societies that the people passed them on generation to generation rather than bury them with their dead as later, more sedentary societies often did, Greer said.

Bureau of Land Management archaeologist Tom Zale, who is supervising the archaeological protection work at the Amoco site for the federal government, said there is no evidence of any additional burials in the vicinity of the skeleton.

The skeleton was unearthed by construction workers June 13 at Amoco Production Co.'s enhanced oil recovery project site near Bairoil. Archaeologists excavated it June 19 and 20.

The man was buried in a grave site in a flex position — with his knees drawn up to his chest, Zale said. The oval-shaped gravesite was approximately two feet wide and three feet long and about two feet deep. It was approximately three feet below the earth's surface, Zale said.

Extensive geological studies are underway now to determine exactly how old the bones are, according to Greer, who is the lead investigator in the discovery.

Further evidence provided through analysis of the skeleton could provide scientists with information about the social structure of the man's society, Greer said.

The bones are believed to be at least 2,000 and maybe as much as 5,500 years old, but it could be another two weeks before scientists have a better idea when the man lived, Greer said.

Though there were no artifacts found buried with the skeleton to

provide clues to its age of the skeleton, but Greer said he hopes it will be possible to date the bones through other evidence.

A geologist is working with other cultural materials found in the vicinity of the burial to determine what soil zone it is associated with, Greer said.

Amoco has an on-going program to try to determine the age of different soil types in the area. When that is done, it may be possible to say how old the bones are by examining the soil they were buried in, Greer said.

Archaeologists are reluctant to use any of the bones from the skeleton to conduct carbon dating tests because parts would have to be burned and destroyed, BLM archaeologist Zale said. Frison also said such dating is often not reliable.

Though Frison described a find of 1,000-2,000 year old bones as not very significant, Zale said he felt "finding human remains is significant regardless of the age."

The bones were found near Bairoil in an area where more than 400 items dating back nearly 10,000 years have been found since archaeological work began there in 1986. A number of other sites with items that old have been found in the state, Wyoming State Archaeologist Mark Miller said.

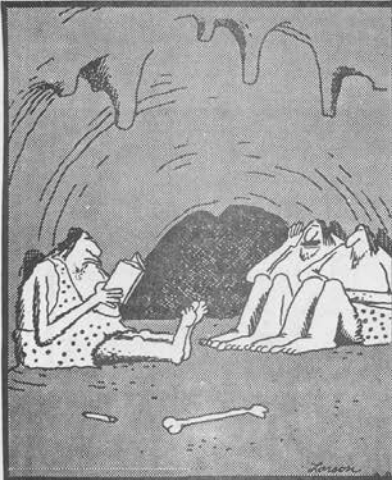
The items found at Bairoil include what are believed to be Paleo-Indian house pits and fire hearths as well as some of the only mastodon bones ever found in Wyoming, archaeologists said.

Because of the vast amount of material located near Bairoil, Frison said he is "surprised they haven't found more burials."

The skeleton was found in an area where Amoco was constructing a small containment dike, company officials said. Although work was halted, the location of the burial has not affected Amoco's enhanced oil recovery project now underway in the area, Amoco Environmental Resources Specialist Joe Deschamps said.

After studies are completed by VanGerven, Zale said the skeleton will be returned to Wyoming where it will be re-interred at a secret site, not its original location. Zale said it is important that the skeleton be buried in an area which isn't known to the public so it will be protected from vandals.

"There's a certain amount of dignity that should be accorded to human remains," Zale said.



"Hey, That. ... Did you know you move your lips when you look at pictures?"

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Bone lab. DU campus 10-3:30 1	Bone lab. DU campus 7-9:30 2	3	4	CAS Quarterly meeting 5	CAS Quarterly meeting 6
7	Bone lab. DU campus 10-3:30 8	Bone lab. DU campus 7-9:30 9	10	11	12	13
14	Bone lab. DU campus 10-3:30 15	Bone lab. DU campus 7-9:30 16	17	Pecos Conference 18	Pecos Conference 19	Pecos Conference 20
Pecos Conference 21	Bone lab. DU campus 10-3:30 22	Executive Board Meeting 7:30 23	24	25	26	27
28	Bone lab. DU campus 10-3:30 29	Lyons Chapter Regular meeting 7:30 30	31			

Lyons Chapter, CAS, Executive Board For 1988

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Professional Advisor: Frank Eddy, University of Colorado Anthropology Department

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According to the By-laws of the Lyons Chapter, Colorado Archaeological Society, the officers and chairpersons of the Standing Committees are voting members of the Lyons Chapter Executive Board.

This newsletter is published monthly by the Lyons Chapter, Colorado Archaeological Society. The views expressed in articles or editorials appearing in this publication do not necessarily reflect those of the membership or the Executive Board of the Lyons Chapter, CAS.



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