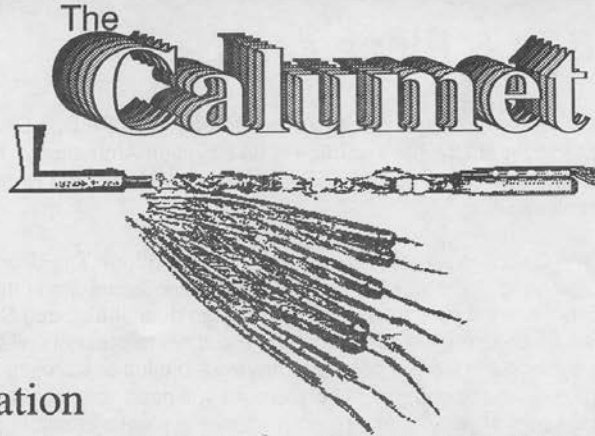




Lyons Chapter
Colorado Archaeological Society

Conservation
Preservation
Education
Exploration



Calendar of Events

- Sept. 10 Jean Kindig will lead a hike into the Forth Of July Valley! More info in this newsletter or call Jean at 442-2581.
- Sept. 16 **Surprise! Surprise! Surprise!** Yes it's a Surprise going away Party to thank OD for all of the years that he was the mainstay of our PAAC program. The party will be at Kay Evatz's house. More information in this newsletter!
- Sept. 20 Lyons Chapter Executive Board Meeting. 7:30 pm at Bill Boyles house 1001 Peakview Cir. Boulder. For directions call Bill at 442-3682.
- Sept. 27 Last possible day to register for the CAS Annual Meeting. More information in this newsletter!
- Sept. 27 Lyons Chapter Regular Meeting. Our speaker for this meeting will be Dr. Ayad, who is the expert at CU in Egyptian Archaeology. The meeting starts promptly at 7:30pm in Hellems, room 267. Please join us.
- Oct. 7-9 CAS Annual Meeting in Fort Collins. Registration materials and more information in this newsletter.
- Nov. 2-5 46th Plains Conference in Wichita Kansas. at the Broadview Ramada Inn. More information in the chapter Library.

Inside the Calumet

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Bits & Pieces

from the Prez

Our speaker for this month will be Boulos Ayad Ph.D.. Dr Ayad is a professor at CU, his expertise is on Egyptian Archeology. He is always a very interesting speaker so Please Join Us! 7:30 pm Room 267 Helms.



The CAS Annual Meeting is rapidly approaching! The deadline for registering is September 27th. The registration forms are in this newsletter, there are no excuses for missing the deadline! Doug Bowman is still looking for speakers for the meeting so if you have a subject to present call Bill Maxon for the form to be sent in. Also we are hoping to have a table full of wares to be sold as a money making project for our chapter. Therefore we will need volunteers to man the tables during the meeting. If you are planning on attending please consider giving some of your time to man the table. Please call Bill for more information. If you have any crafts to sell at the meeting at our table please get in touch with Bill. These annual meetings are always a lot of fun so Please Plan to Attend!

Our field season came to a grinding halt in August as I had other obligations, but we will be winding up again with one or two field days in Oct. and Nov. Once the snakes have gone to sleep for the winter. I will announce field days in the newsletter so keep your eyes peeled.

It's that time of the year again. Time to select the slate of nominees to be elected as next years officers. All of the current officers are suffering from major cases of burn out so it is necessary to fill all of the positions. They are President, Vice President Secretary and Treasurer. If you would like to fill one of these positions or know of someone who would be perfect for one of these slots please let the Nomination Committee know. The Committee is made of the following people, Larry Riggs, Jeannie Hamilton, Bill Boyle, Pat Hatfield. There are also all of the other Executive Board positions to be filled (look at the last page of the newsletter), so if one of those tickles you fancy please call.

New Members

Edna Devai-Alth
(Joseph & Laura Davai)
1125 Claremont Dr
Boulder, CO 80303
494-4524

Pamlea & Quentin Baker

1549 Cambridge Dr.
Longmont, CO 80501
772-2888

Janet Lever

11753 N 85th
Longmont, CO 80501
772-4554

Changes of Addresses

JoAnne Stemm
3775 Birchwood #58
Boulder, Co 80302

Leslie Wildesen
2916 Mattern Ave
Pittsburgh, PA 15216

PARTY! PARTY! PARTY! PARTY!

Sept. 16
2121 Squires
Longmont.

For Reservations call Kay Evatz at 303-776-6491.

It's a Surprise Party for OD. To thank him for all of the years he spent as working with CAS. Bring your own drinks and snacks. Kay will provide ice tea. But please remember that it's supposed to be a Surprise so don't leak it to OD!

**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.



Library Notes by Larry Riggs

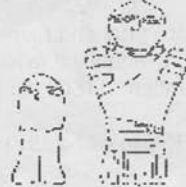
Due to the continuing efforts of our man in Baton Rouge, Paul Heinrich, we have another item for the Library. the Geological Society of America Centennial Special Volume II, Chapter 8 — *Colorado Plateau* was sent to us by Julie Laity of California State University, Northridge at Paul's request. We received Chapter 7 — *Rocky Mountains*, and Chapter 6 —

Great Plains in the Spring. These papers are detailed, current and well illustrated. In some ways they are the latest word, and we would like to thank both Dr. Laity and Paul for this addition to our Library.

Our Chapter Co -President, Sue Struthers, gave the library her copy of *An Introduction to Flintworking* by Don Crabtree. If you will permit the diversion, my mentor in the goldsmithing trade once told me in reference to riffers (little files much -favored by goldsmiths), "You just can't get enough of those." The same advise holds true for information on flint working — you just can't get enough. Thank you, Sue.

The plum, of the month, though, is *Archeology of the Coney Lake Site* (Ward: Center for Mountain Archeology, 1988), by James Benedict. More people should be aware of how much Jim Benedict has contributed to our knowledge of the prehistory of Boulder County and the area surrounding it. If you want to learn a lot of valuable and interesting information about our area I would recommend the following: *The Mount Albion Complex*, 1978, *The Forth of July Valley*, 1981 *Arapahoe Pass*, 1985, *Old Man Mountain*, 1985, all available from the Center for Mountain Archaeology, Ward, CO 80481. (Editors Note: These references would also be great reading before Jean Kindig's Hike on Sept 10th!) We are very appreciative for this copy of *Archeology of the Coney Lake Site*. Thank you, Jim.

And, last but not least, we would like to thank Ed Simonich of the Pueblo chapter for a most valued contribution to our chapter library — ten back issues of the *Southwestern Lore*, all 1950 or before, which we were able to photocopy. Along with all other interesting stuff in those back issues was a 1947 site report relating to Boulder County. Thank you, Ed.





Desert Wind by Leni Clubb

I am writing this column from the rocky coast of Maine at Bar Harbor. Tomorrow we take the ferry for Nova Scotia and Prince Edward Island on another leg of our long vacation - seven weeks so far and over 4500 miles!! However I couldn't let another newsletter get mailed without telling you about the very successful Third Annual Encampment AND Atlatl Contest.

The target course was the best yet in a gigantic field with plenty of room and no danger to any participants. The accuracy round target was set up so that our loyal spectators had not only an excellent view of all the throws but could be in the shade of a big pine tree or two. The day was magnificent - clear & bright. Perfect for the contest. The 10 & Under throwers competed on Saturday afternoon.

We had a total of fifty-one contestants - five 10 & Under, six 16 & Under, fifteen Women, and twenty five Men. The results are as follows:

10 & Under	1st Place	Kim Herman, State Wide
	2nd Place	Dawn Moyer, Pikes Peak
	3rd Place	Eve Cosyleon, Pueblo
16 & Under	1st Place	Scott Laird, Denver & Wyoming
	2nd Place	Gabe Cosyleon, Pueblo
	3rd Place	Jay Owens, Pikes Peak
Women	1st Place	Heide Leadabrand, Roaring Forks
	2nd Place	Mary Nelson, San Luis Valley
	3rd Place	Jeanne Crouch, Lyons
Mens	1st Place	Paul Leininger, Montana
	2nd Place	Ken (Red) Gramstad, Statwide
	3rd Place	Tim Boucher, Roaring Fork
Greatest Honor Award		Ken (Red) Gramstad, Statwide

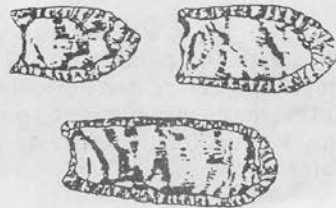
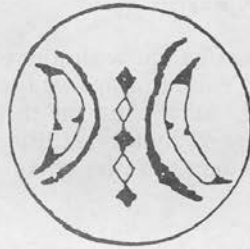
The World Open Atlatl Contest was held in Casper Wyoming Aug.13 at 1:30 and many CAS Throwers competed.

(Editors Note: Leni intended this column for the Aug. Newsletter. However I got a head of everyone and sent the newsletter to the printer early!)

C.A.S. 53rd Annual Meeting

Register now for the Colorado Archaeological Society's 53rd Annual Meeting, celebrating the 50th anniversary of the Pueblo Archaeological and Historical Society. The proceedings will take place at the University Park Holiday Inn, 425 West Prospect Street, Fort Collins, Colorado 80526. To reach the hotel, take the Harmony Road exit from I-25 (the Prospect exit may still be closed for construction), drive four miles west on Harmony and turn right onto College Avenue, proceed north on College three miles, then turn left onto Prospect Street. The hotel is located on Prospect Street about two blocks west of College Avenue.

C.A.S. has obtained the special rate of \$49.50 (plus tax), for each room of up to four people at the Holiday Inn. Please contact the University Park Holiday Inn directly for reservations, at telephone (303)482-2626. Be sure to indicate that you will be attending the Colorado Archaeological Society Annual Meeting to receive the special rate.



Schedule of Events

Friday, October 7

6:00 to 8:00 pm: Registration in the Atrium.

6:30 pm: C.A.S. Board of Director's Dinner Meeting in the Arizona Room.

Saturday, October 8

7:00 to 8:30 am: Advisory Committee Meeting in the Montana Room. Continental breakfast available for those attending (please pay at the meeting).

8:00 am to Noon: Registration in the Atrium.

8:45 am to Noon: Greetings by the C.A.S. President and presentation of papers in the Texas room.

Noon to 1 pm: Lunch break.

1:00 to 2:45 pm: Presentation of papers continuing in the Texas Room.

3:00 to 5:00 pm: C.A.S. Annual Meeting in the Texas Room.

6:00 to 7:00 pm: Cash bar in the Atrium.

7:00 pm: Banquet Buffet in the Arizona/Oregon Room. C.A.S. Chapter reports. Presentation of awards. Guest speaker is Dr. George Frison.

Sunday, October 9

9:00 am to 2:00 pm: Field trip to the Lindenmeier Site by chartered buses. Don't miss this rare opportunity to see the famous Folsom site. Limited seating restricts the size of this group to 94 persons, so sign up early!

Page 0

Please Note: Registration forms must be received by September 29.

Colorado Archaeological Society

53rd Annual Meeting



October 7, 8, and 9, 1988

University Park Holiday Inn
425 West Prospect Road
Fort Collins, Colorado

Hosted by

The Fort Collins Chapter

and

The Pueblo Archaeological and Historical Society
Celebrating its 50th anniversary with C.A.S.

C.A.S. 53rd Annual Meeting Registration Form

Name _____ Affiliation _____

Name _____ Affiliation _____

Registration fee is \$5.00 per person \$ _____

Board of Director's Dinner Meeting: 6:30 pm, Friday, October 7.
Dinners each \$13.00 (includes tax and tip) \$ _____
Choice: London Broil _____ or Chicken Monterrey _____

Annual Banquet Buffet: 7:00 pm, Saturday, October 8. (Cash Bar at 6:00 pm)
The Buffet is \$17.00 per person (includes tax and tip) \$ _____
Choice: Sliced Roast Beef _____ or Chicken Coq au Vin _____

Field Trip to Lindenmeier Site: 9:00 am, Sunday October 9. (Seating limited!)
Number attending _____. Required bus fare is \$7.00 per person \$ _____
Box Lunches are available at \$5.75 each \$ _____

(Please note any special dietary requirements.) Total Enclosed: \$ _____

Please make checks payable to "Fort Collins Chapter, CAS" and send with this form by September 27 to:
Joel Hurmence, 3842 Crescent Drive, Fort Collins, CO 80526

FREE SCHOOL FALL '88 FEATURES

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Ancient Atlatl Revived As Modern Sport and Art Form

by Elizabeth English

Most modern hunters probably have never heard of the "atlatl," but some 40,000 years ago, this simple weapon was the high-powered rifle of primitive mankind.

Today, the atlatl is making a comeback, not so much as a weapon, but as a world competition sport, an historical study, and an art form.



Pronounced *at'latel*, it is just a flat, grooved stick about two feet long and a couple of inches wide, with a hook on one end and a leather hand-strap on the other end. The atlatl acts as an extension of the human arm when throwing a spear, but it makes throwing much more powerful and accurate than just tossing the spear or jabbing with it from close range.

Worldwide, primitive hunters discovered this tool allowed them to throw light bone- or stone-tipped spears farther and straighter than heavier, hand-held weapons. For ancient hunters, trying to kill a bison with a hand-held spear put them right among the herd of animals, a very dangerous position, indeed. With the atlatl, however, hunters could throw from farther away and could avoid scaring their game. Throwing a spear with an atlatl, moreover, gave the spear more than twice the velocity and force, thereby assuring the hunter a kill, rather than just wounding the prey.

The earliest atlatl users were hunters of bison, reindeer, and mastodon near the edges of the retreating glaciers. The Eskimos used a version modified to hunt seals from boats. The Aztecs, from whose language the word "atlatl" comes, used the weapon to help conquer their neighbors and fend off enemies.

Thousands of years later, the atlatl is back. It's July 4, 1988, and the Eighth World Atlatl Championship contest is under way. It's part of the Colorado Archaeological Society's Annual Encampment, a three-day event outside of Deckers, Colo. with over 200 people in attendance. About 40 men, 20 women, and 10 children under the age of 16 are vying for top hon-

ors. Families and friends of the contestants gather to watch and to cheer on their favorites.

One man from New Mexico, dressed in flying purple and green ribbons, strolls by with his partner, a girl wearing a harem outfit. Doug Bowman of Durango, and next year's C.A.S. president, is decked out in painted buckskin and feathers and beads for his costume.

Leni Clubb, a former Boulder resident and atlatl fan, slips her fingers through the leather loops at the end of her atlatl, seats her spear, and pulls the throwing stick behind her ear. Then, with a firm, overhead flip, she sends the six-foot long spear sailing toward a painted bison cardboard target stuck on a bale of hay. It's not easy; the targets are 100, 60, 40, and 15 meters apart, set out in a cleared field.

Clubb, a 74 year old avocational archaeologist, makes atlatls and other primitive Native American crafts. She is helping to revive atlatl contests as a sport in North America. "It serves as an art form," she says. "You can make something beautiful, the feathering, the special carvings, the various styles of atlatls. Then there is just the motion and discipline of throwing. There's something aesthetically pleasing about it!"

Competitor Bill Tate, who quit his job as a weatherman and retired early, now makes atlatls for sale. He has a thriving business selling atlatls, spears, feathers, leather loops, and make-your-own kits.

Another thrower, Lee Lacey, a designer for NCAR in Boulder, has taken up atlatls as

an art form and carves beautiful ones that he uses successfully in competitions.

Two men from Montana put their atlatl designs through computers analysis and have come up with space-age versions made from exotic materials for use by modern hunters and sportsmen. These high-tech atlatls aren't used in the contests, since all atlatls and spears must be made of elements that were available to primitive hunters. Only wood, feathers, stone, leather, and other natural elements are allowed.

All the would-be cavemen throw their spears at the targets and are judged for accuracy and distance. Competitors add up how many throws it takes to hit the target and use a scoring system that is similar to golf; the lowest score wins. Red Gramstad, of Ocotillo, Calif. wins the greatest honor with his favorite atlatl.

The revival of the use of the atlatl can be traced to 1980 when the first World Atlatl Championship Contest was held in Saratoga, Wyoming. Organized by a high school teacher, it taught students how early Native Americans used these throwing sticks.

With the subsequent development of the bow and arrow, primitive hunters found an even better weapon. The use of the atlatl died out and the change-over to the newer weapon was virtually complete by 500 A.D.

There are isolated reports that the atlatl is still being used for hunting and survival by native hunters in Australia and Central America. Earlier this year, this reporter took her atlatl and spears to Patagonia in southern Chile and taught the natives there to use them. For more information on how to get your own atlatl, how to use it, and where the next atlatl competition will be held, please contact: Bill Tate, 1191 Nucla Street, Aurora, CO



Ancient petroglyph shows atlatl and peace pipe


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50,000 B.C.: Gak Eisenberg invents the first and last silent mammoth whistle.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	Bone lab. DU campus 10-3:30	Bone lab. DU campus 7-9:30	7	8	9	10
11	Bone lab. DU campus 10-3:30	Bone lab. DU campus 7-9:30	14	15	16	17
18	Bone lab. DU campus 10-3:30	Executive Board Meeting 7:30	21	22	23	24
25	Bone lab. DU campus 10-3:30	Lyons Chapter Regular meeting 7:30	28	29	30	

Lyons Chapter, CAS, Executive Board For 1988

Officers:

Co-Presidents: Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350, 776-8907)
William Maxson, 827 Maxwell #E, Boulder 80302 (447-1947)
Vice President: Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)
Secretary: Ann Phillips, 217 Hawthorne, Boulder CO 80302 (449-5627)
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William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
Lee Lacey, 2262 Juniper Ct., Boulder 80302 (442-4400)
Richard & Sue Lippincott, PO Box 8, Erie, 80516 (828-3144)

CAS Representatives: William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
Librarian: Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)

Professional Advisor: Frank Eddy, University of Colorado Anthropology Department

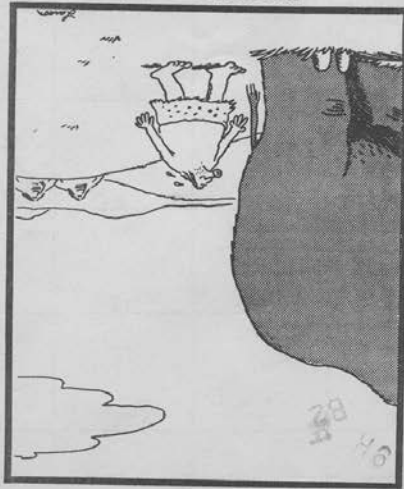
Advisory Committee To State Archaeologist:

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Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)
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Youth Program: William Maxson, 827 Maxwell #E, Boulder 80302 (447-1947)
The Calumet Editor: Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350)

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.

"Kiss-the-mammoth-and-run"
The primitive game of



LYONS CHAPTER, CAS
P.O. BOX 663
NIWOT, CO 80544



Hallie Cash & Leni Clubb
PO Box 56
Ocotillo CA 92259