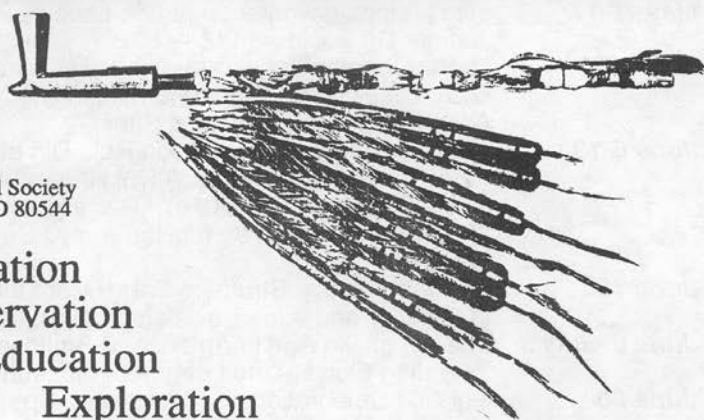




Lyons Chapter
Colorado Archaeological Society
P.O. Box 663, Niwot CO 80544



Conservation
Preservation
Education
Exploration

Calendar of Events

- April 11** Western American Rock Art Symposium. Denver Museum of Natural History.
- April 21** Lyons Chapter CAS Executive Board meeting. 7:00 pm at the Struthers Farm, 8439 N. 63rd Longmont (776-8907)
- April 25-26** CAS Second Quarterly Meeting. Sponsored By the Royal Gorge Chapter, Canon City, CO. For Information on hotels and meeting schedules please call Sue Struthers (776-2350)
- April 28** Lyons Chapter CAS regular meeting, 7:30 pm Room 199 Hellems. Dr Frank Eddy will be speaking on his Galisteo Basin Project. For more information read the Speaker's Column.
- May 3** Mapping Workshop at White Rocks.
- May 3** Survey at White Rocks.
- May 7-14** PAAC Class "Perishable Materials", to be held in Denver at the Colorado State History Museum, 1300 Broadway, 7-9. Call Ann Pipkins (449-0852) or OD Hand (866-4671) to sign up. There is a \$10.00 fee, payable in advance. Send checks to Ann at 4500 19th #456, Boulder CO 80302. The deadline is May 1st.

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- May 16-17** Flint knapping workshop at Lee Lacey's, 2262 Juniper Ct. Boulder (442-4400)
- May 26** Lyons Chapter Regular meeting. Dr. Larry Todd, D.U., speaking on "Taphonomy, the Study of Bone Assemblages in Prehistoric Sites."
- June 6-13** First week of the Honeymoon Ruin Dig at Cortez. Four weekly sessions. Call Ivor Hagar (986-2483) or Sloan Schwindt (223-9016). There is a maximum of 22 people per week so register early. See State newsletter.
- June 13** Summer Picnic, Struthers Farm. More information in the May and June Newsletter.
- June 6 -July 5** Images of Old Age in America, A Smithsonian Traveling Exhibit at the Longmont Museum
- June 20** Solstice Celebration: PuebloHenge. Speaker: Steve Manning, University of Utah.
- July 3-5** "Atlatls at McPhee" Second Annual Encampment at McPhee Reservoir. Information in State Newsletter.

Workshops

Mapping

The mapping workshop will concentrate on general site mapping procedures.

Everyone is invited, yes even rank beginners! The workshop will cost \$5.00 and will begin at 8am. After the workshop everyone will be able to join the survey of White Rocks. Sign up sheets and more information will be available at the April meeting.

Flint knapping

Lee Lacey's Flint knapping workshop will be held May 16 & 17 at his house 2262 Juniper Ct. Boulder (442-4400). All participants should bring, safety glasses, and leather gloves. At this date the workshop is filled.

Speaker's Column

The following article was excerpted from a memorandum written by Dr. Frank Eddy. He has supplied this information for our newsletter so that the members of our chapter will have a chance to read about his project before he gives his talk on April 28th. Please make sure that you make it to this interesting meeting.

The Galisteo Project is a program of archaeological research sponsored by Timothy G. Baugh and myself and located some twenty miles south of Santa Fe. The research theme is interregional exchange between the Puebloan Southwest and the Caddoan villages of the southern Plains. We hope to capitalize on the boundary frontier setting of the Galisteo towns and their interaction with the contemporary peoples living in Plains villages protected by moat and stockade defenses. That large quantities of goods (glaze

decorated ceramic vessels, utility pots, turquoise, obsidian, and marine shell ornaments) were traded out onto the Plains has been well documented by Tim in a recent article appearing in the *Plains Anthropologist*. Return goods have not yet been identified with certainty, but Alibates chert, buffalo meat and other animal and plant products seem likely candidates.

Last summer both Tim and I took students into the field for survey work under the direction of Richard W. Lang of Santa Fe. By this means, we were able to expose Tim's CU field school to Galisteo archaeology as well as develop credibility in Glaze Period (AD 1300-1700) archaeology for ourselves. Lang's field program involved the study of land-use and particularly agricultural field systems located along the San Marcos Arroyo near the large Glaze Period town of the same name. San Marcos Pueblo, a 40-50 acre complex once housing 600-1000 people, is recorded ethnohistorically as controlling the mining of turquoise and lead in the nearby Cerrillos Hills. Both mineral resources were utilized in the southern Plains exchange system. Further, San Marcos is identified through petrographic study to be the supplier of lead decorated glaze pottery to other Galisteo towns as well as the more distant southern Plains villages in the Texas panhandle-western Oklahoma area.

In an effort to make the most of Dr. Eddy's speech we have a short reading list for anyone who cares to bone up on the subject before the meeting!!!

- | | |
|--------------------------|--|
| Baugh, Timothy G. | 1986 Culture History and Protohistoric Societies in the Southern Plains. <i>The Plains Anthropologist</i> . 31-144 part 2 |
| Cordell, Linda S. | 1984 <i>Prehistory of the Southwest</i> . Academic Press. pp131-151.
Prehistory: Eastern Anasazi. <i>Handbook of North American Indians</i> . |
| Dozier, Edward P. | 1970 <i>The Puebloans</i> . |
| Kessel, John | 1979 <i>Kiva, Cross and Crown</i> . National Park Service |

These books are available in the Anthropology reading room, Norlin Library or in the Lyons Chapter CAS Library. Tim Baugh has kindly loaned us two reprints of his article which will be in our library.

Survey! • Survey! • Survey!

There will be a survey at White Rocks Sunday, May 3rd in conjunction with the mapping workshop. Both will start at 8 am with the workshop people joining the survey crew at 10am. The survey will go until 4pm with a lunch break. Bring a pack with a lunch, water and anything else you require. Wear good boots as the terrain includes cactus. Meeting place and sign-up sheets at the April 28th meeting. We must have an exact count of participants for the permit which is required to get into the area. Call Sharon, Robin, or Viola if you can't make it to the April meeting.

Volunteer Opportunities

Yellow Jacket

Fred Lange of the University Of Colorado Museum is looking for a few good volunteers to work at Yellow Jacket this summer. They can only except people who can work for a minimum of two weeks, and can provide their own food and housing. If you are interested contact Mark Chenault at:

University of Colorado Museum
Campus Box 218
(303) 492-8881

Call before May 15, 1987 to confirm your reservations.

Routt National Forest

Bob Nykamp, Regional Archaeologist for the Routt National Forest, Steamboat Springs needs volunteers for this summer. The dates are mid June until late August. A stipend is offered as well as free housing. If interested please give Bob a call at 879-1722. He appreciates any help we can give him. (Basic site survey PAAC course would be helpful.)

Welcome to New Members!

Some exciting news! At our last meeting our One Hundredth member joined our chapter. Welcome Sarah M. Titchen from Australia. And at Leni's farewell party she had one last argment with OD Hand. He was kind enough to let her win this one. As a result, OD is now member One Hundred and One! We welcome all of our new members. You might want to add their names to your own copy of the member roster.

Sarah M. Titchen
2960 Shadow Creek Dr. #310
Boulder, CO 80303

Paul Heinrich
140 Wylie Apt.5
Baton Rouge, LA 70808

Jan Holt
3152 Tenth St.
Boulder, CO 80302

Margaret Coats
2933 W. 33rd
Denver, CO 80211
Page 4

OD Hand
336 Xavier
Denver, CO 80219

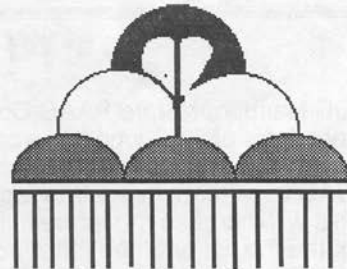
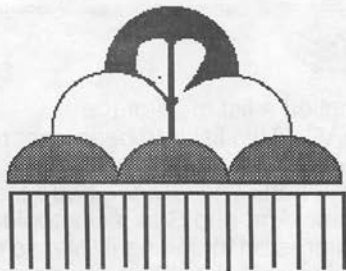
Native Seeds

Our January speaker, Meg VanNess, kindly converted her honorarium into a membership in the Native Seed search for our chapter. This organization collects and preserves the seeds utilized by the Native Americans. They attempt to distribute as many seeds as possible to maintain the genetic strains. We have decided to incorporate these seeds into a monthly seed column. We will choose a "seed of the month" which our members can order (at the cost of \$1.00 per packet, call Sue to order!). And we will provide recipes for that particular plant. Our first plant is Blue Corn! Blue corn resembles regular corn except that its kernels are a dark blue color! It is not a sweet corn to be eaten fresh, but rather a field type which is usually ground into flour. It has a marvelous flavor, and of course a blue color. The following recipe was donated by Mary Derr.

Hopi Hush Puppies

2 c.	Blue Cornmeal
1 tsp	Salt
2 tsp	Baking powder
2/3 to 1 c.	Milk
2 lg	Eggs (beaten)
1	Small onion (finely chopped)
	Shortening or oil for frying

Mix all ingredients together until it has the consistency of fairly thick pancake batter. Add more milk if necessary. Drop by teaspoonsful, three or four at a time into 1 1/2 inches of hot shortening. Fry until golden brown. Delicious with fish.





Desert Wind

Those of you who are not familiar with the desert may not know that the wind blows almost constantly, so I thought it would be appropriate that this column have the above name. Also, many of you do not know that I write poetry so although the following poem is not about the desert, I want to share it with you since the last two lines are about farewell.

Before Present

*A caterpillar ring, some chips of bone
Scattered shells and polished stones that
Fit into your hand.*

*Slowly the spell is cast
Present recedes and is past
Ancient people come alive.*

*As one with them I gather seeds
Scoop larvae from the murky lake
And grind the meal.*

*Concerned forever with depriving need
For food, I walk.... the acorn harvest,
The ring my goal.*

*No time to make a home....
Tomorrow's mountain is far away
And I must go.*



PAAC News

OD Hand, our State PAAC Coordinator has compiled a list of all of the members of CAS who have certified through PAAC. This list has been sent to several state and federal agencies in an effort to promote the use of these CAS volunteers in in-state archaeology projects! Thank you OD, we hope that this will increase the interest in the PAAC program. Ann and Sue have copies of the the list and the letter from OD. If any is interested in seeing it, please call us! Since Leni is not available to brag I will mention here that **"The Lyons Chapter Has 22 Members On This List!"**

The Perishable Materials class will be held in Denver beginning May 7th.

Perishable Materials is an introduction to an often overlooked classification of artifacts. It provides individuals basic information on the recognition of perishables, cultural usage and alteration, and preservation. (Excerpted from OD's PAAC Course Reminder).

Lyons Chapter Executive Board Meeting March, 24, 1987 at 8191N. 81st, near Niwot, 7:00 PM.

Call to Order: Struthers. Present were Barnes, Boyle, Clubb, Collis, Christensen, Lacey, Hatfield, Maxon, McHugh, Pay, Struthers(Jodi), Viola.

Old Business:

** Membership: We have 64 memberships for a total of 98 members.

** The new member packets: The items for the new member packets have been copied. Names of new members will go into the newsletter so that the membership rosters can be kept up to date. These packets cost \$.75 to mail. New members will be encouraged to pick up their packets at the monthly meeting. If they wish to have them mailed they will be asked to pay the postage.

** Speakers: The speaker from January sent a copy of the 1987 Native Seed Listing. This catalog will go into the chapter library. Dr. Jane Day of the Denver Museum of Natural History has tentatively agreed to speak in the Fall. Bill will contact her for a firm date and subject.

** Workshops: Lee Lacey's Flint knapping will be soon. Kay and Leni's workshop in yucca will be in July.

Pine needle basket workshops : There were 2 workshops with a total of 14 people.

Pottery workshop by John Cater using clay from Yellow Jacket may be offered in the Fall.

** PAAC: the class on Perishable Materials is scheduled to begin May 7th.

** Field Directors and Project Information Officer: There has been one more survey on Rabbit Mountain. There will be a

Field Directors meeting in April. The field survey hot line will be open beginning the last week of April. The White Rocks report is going well. Current tasks include organizing the old card file and consolidating the data onto site survey forms. One site is over 520 acres. This one will have to be resurveyed. OD Hand wants to come to the survey. This will be scheduled May 3rd and will overlap with the mapping workshop. The mapping workshop will be at the White Rocks site. Sharon is attempting to gather all of the site forms that have been done so far: Historic Buildings in Longmont, Widner Cemetery, Rabbit Mountain, and White Rocks. If any one has copies of these reports please get in touch with Sharon.

** Library: No progress on a shelf list.

** Slide Projector: One with all of the features we want would cost \$295. Cleo Barnes found a 'Savings Club'. The request for information has been mailed. Motion: After the newsletter costs have been analyzed, if possible a percentage of the chapter income shall be allocated for the slide projector fund. MSP.

** Ways and Means: Some clubs collect aluminum cans. Members could take their cans to King Soopers and donate the proceeds to the chapter. King Soopers also recycles glass and newspapers. Alternatively, the members could bring the recycle

materials to the June party. Another suggestion is a garage/yard sale with items donated by members. Another suggestion was to investigate selling seeds from the Seed catalog. The next order of T-shirts has arrived. Since it costs \$1.00 to mail a T-shirt, anyone requesting that the shirt be mailed will be asked to pay for the mailing. Bill Boyle had some of the other patterns. Beautiful!!!!

** Youth Programs: A committee is being established.

New Business

** Tom Severs, who spoke on remote sensing has agreed to gather data for the chapter. The Coordinates he has center around Antelope Park. The 2nd shuttle is scheduled for Spring '88 should fly over the area.

** Quarterly meeting: See elsewhere in this news letter.

** The report of the survey work in Boulder County was well reviewed by the Colorado Council of Professional Archeologists. They were impressed. Copies of this report have been sent to the University Museum, Western Cultural Resource Management, and the Office of the State Archaeologist. This report has also been submitted to Ann Johnson for inclusion in *Southwestern Lore*.

** June Picnic will be held at the Struthers Farm, June 13th starting at noon. There is no rain date. If it rains the picnic will move into the barn.

** Columns for the newsletter: Send materials for the newsletter to Sue Struthers. Leni will submit a column from the desert (Desert Winds), Technical column, Sharon Pay on cord marking, and Lee has some ideas. Sharon will organize a food column about using the produce from the seed catalog. Other subjects include: other T-shirt designs, Anthropology Club activities, profiles of people, oral histories, and suggested readings from the upcoming meeting subjects.

** April Executive Board meeting will be at the Struthers Farm, 8439 N. 63rd, Longmont. April 21st at 7:00PM.

** Meeting adjourned at 9:29 PM.

Lyons Chapter Meeting, March 31st 1987, 199 hellems, 7:30PM.

The business meeting was called to order by Sue Struthers. Leni reported that we have 99 members, and our 100th member joined on the spot. Other topics discussed were: T-shirt sales, the PAAC class on Perishable Materials, the Mapping workshop in conjunction with the White Rocks survey. The Lyons Red Stone Museum is interested in becoming the repository for the artifacts found in the area.

Dr. John Eddy of the National Center for Atmospheric Research presented a talk entitled "The Search for the Ancient Sun". He uses the correlation between

sunspot activity and climatic changes in fairly recent history, and then extrapolates back in time using the ancient (Chinese) record of sunspots to describe European and North American climate of that time. Dr. Eddy's presentations are always fascinating.

Article taken from The Chronicle-News (Trinidad, CO), March 25, 1987.

Army is obligated to keep promises at Pinon Canyon

By PENNY PERKINS
C-N Editor

The old adage "promises were made to be broken" doesn't apply where the Pinon Canyon Maneuver Site is concerned, although the training benefits the Army have gained through use of the area have exceeded expectations.

Even in the wake of criticism from the Army Audit Agency, Fort Carson officials say they are obligated to keep the promises that were made before the 244,000-acre mechanized infantry training area was opened.

Officials are trying to entice other regular military and reserve units to utilize the site between Trinidad and La Junta. But the visitors would be required to adhere to all the rules, according to Fort Carson Chief of Staff Col. Richard Keller.

"All access to Pinon Canyon comes through Fort Carson," Keller said, and anyone using the site for training must obey all of the environmental regulations and keep out of off limits areas. "We do not intend to

break any of the promises we made."

Army officials guaranteed that no live ammunition would be used in maneuvers; no hazardous wastes would be disposed of in the area; archaeological sites would be preserved; no exercises would be conducted during the months of April, May and June to accommodate wildlife mating seasons; highways in the area would not be destroyed; and the land would not be turned into a dust bowl.

"The Army Audit Agency said we're not using Pinon Canyon enough. We're starting out gradually so we don't wear out the land," said Capt. Pat Boer, operations section officer.

Recalling the birth of Pinon Canyon, Boer said, "In the 1970s, planners at Fort Carson realized we just didn't have the maneuvering room we needed," in part because of the tremendous increase in the effective range of today's weapons.

Only 16,000 acres at Fort Carson can be used for training exercises, Keller said, whereas between

100,000 and 150,000 acres of the Pinon Canyon Site are available at any one time. Only about 800 troops are able to participate in maneuvers at Fort Carson, while more than 5,000 are now training at Pinon Canyon.

The southeastern Colorado site offers needed training in many aspects, including convoys and engineering, according to Keller.

Troops and equipment are transported from Colorado Springs to PCMS by convoy and by rail. "That's as important to us as the maneuvers," Keller said. "even if Pinon Canyon were located next to Fort Carson, we would get the opportunity to do that."

Army officials hope a 5,000-foot airstrip now under construction at Pinon Canyon will interest other units in utilizing the area, and Keller said that work also provides valuable training. "It's their mission, but these guys have never built an airfield before," he explained.

The Pinon Canyon Site consists of

Continued on Page 6

Army obligated

Continued from Page 5

five maneuver areas, two of which are now "resting." Boer said only three of the five areas will be used for maneuvers at any given time. Each area may be used for training for three years, then it must rest for two years before any other maneuvers can be conducted.

Keller said the Army chief of staff has asked that Fort Carson utilize Pinon Canyon at least 100 days a year, and Boer said, "Fort Carson alone will be getting 105 days use next year."

A half-dozen or so smaller training areas are available, but Keller said the only site that compares to Pinon Canyon in size is the National Training Center at Fort Irwin, Calif. "We can do everything here we can do there except live fire," he said.

A headquarters building, showers, a dining area, six rail spurs and fuel and food storage warehouses are already in place at Pinon Canyon.

If other units choose to train there, it would be logical to construct a warehouse in which large equipment could be stored, Keller said, "but that's obviously in the future."

Lyons Chapter, CAS, Executive Board For 1987

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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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