Lyons Chapter
Colorado Archaeological Society
Conservation
Preservation
Education
Exploration

Calendar of Events

July 15  PAAC class field survey at Rabbit Mountain from 10:00 AM to about
   5:00 PM. Meet at the Rabbit Mountain parking lot. Contact Ann Piskins,
   449-0551.

July 22  Boulder County site survey. Meet at 8:30 at Country Side Village
   Clubhouse, at the corner of 19th and Violet Street. Contact Ann
   Piskins, 449-0551 or Louise Devries, 499-2245.

Aug 5  Annual Lyons Chapter hike to explore the archaeology in the Indian
   Peaks Wilderness Area. Meet at 7:00 AM Red Rocks Parking Lot on Canyon
   Blvd. to car pool. Contact Jean Kindig, 442-2361.

Aug 5  Quarterly meeting of the Colorado Archaeological Society at 1300
   Broadway, Denver, starting at 8:30 AM.

Aug 6  Tour of "Nomads" Denver Museum of Natural History.
   8:15 AM. Cost $5.00. This tour is a part of the CAS
   quarterly meeting. Contact Kay Adams, 361-3602 (day),
   962-6921 (evenings) by July 22. You don't have to
   attend the business meeting to go on the tour.

Aug 12-19 or 12-26  Excavation at the Miller Case near
   Dolores, Colorado. Information in newsletter. Call
   Ann Holler, 444-2250 (evenings and weekends).

Aug 17-19  62nd annual Pecos Conference at the Bandelier
   National Monument, New Mexico. Pre-registration fee
   is $10. Call Bill Wexler, 447-1967 for information
   before August 11th.

Aug 22  The Lyons Chapter Executive Board Meeting; 7:30 P.M.
   at the home of Jeanne Hamilton, 1000 Deer Trail Road,
   which is off Lee Hill Road Boulder. Contact Jeanne,
   443-9221 for directions.

Aug 29  The Lyons Chapter regular membership meeting at
   7:30 P.M. in UNC Building Room 230 on the CU campus.
   Our speaker will be Dr. Jim Grady, Professor at the
   University of Colorado at Denver. His talk will be on
   remote sensing.

Sept 10  Field trip to the archaeological dig at the Slew Site.
   Meet at the Table Mesa Park & Ride at 7:00 AM.

Inside the Calumet

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Bits & Pieces
From the PREZ

First the bad news. Because the $5.00 portion of our annual dues that goes to the Lyons Chapter does not cover the cost of printing and mailing our newsletter, your Executive Board voted to increase our annual dues from $15 to $20 for individuals and from $32 to $45 for family membership. The new dues are payable following the annual CAS meeting in October.

There will be no executive board meeting or regular chapter meeting in July, but there will be plenty of chapter activities this summer. On July 15th is the PAAC survey class at Rabbit Mountain; on July 22nd Ann Pipkins and Louise Derr will continue the Boulder County archaeological survey for the C.U. Henderson Museum; and on August 5th Jean Kindig will lead us on the annual chapter hike to explore the archaeology of the Indian Peaks.

In addition, on most Thursday afternoons we have been looking at Boulder's Open Space for additional survey work. To date, we have found several manos in one plowed field, several tree scars and some stone ring circles indicating a possible Indian village. This fall we will set up some Saturday for a Chapter survey and documentation of one of the areas.

Also Laura Viola said that the City of Boulder is about to let the contract for the Arapahoe Bridge. Laura has prepared a research design for an archaeological salvage project for the Arapahoe Bridge. Please contact Laura 443-2019, if you can spend a day on this project on short notice.

On September 9 and 10, Bill Boyle will lead a field trip to the Swallow site. This is an excavation being done by the Denver Chapter on the Johns Manville property south of Denver. This is a working field trip and a chance to learn and do an archaeological excavation. You will find this excavation fun, because we almost always find some good artifacts. This date also happens to be the Denver Chapter's Annual Picnic, so bring something for the grill and food to share.

The chapter's participation in the Childrom's Festival over the Memorial Day weekend was a huge success if you consider the number of children (hundreds) we showed how to paint petroglyph pictures on flagstone using a paint brush made from yucca grass, and how to grind corn using a metate and a mano. Special thanks goes to Sue Lacey, who organized the project, to Kay Evatz, who furnished the ideas and the materials, to Larry Riggs, who got the metate and mano from C.U's Henderson Museum, to the Evatz children, Ann Struthers, and Pat Hatfield, who assisted with the children. Also thanks goes to Sue Lacey's friends who volunteered their services.

Thanks goes to Sue Struthers and Bob Mutaw for teaching us how to map and document the remains of the homestead on the Beech Open Space property. We all learned a great deal and had lots of fun.

New members:
Dianne Binkeseele, 715 Marine, #7, Boulder, CO, 80302, 443-1026.
Dear CAS Members:

Listed below is the next six-month schedule for the PAAC program (July–December 1989). Several weeks ago Kevin Black indicated to me that it has become necessary to cut back on teaching PAAC classes; that is, his schedule is such that he can only offer one class per chapter per six months. The next scheduled PAAC class for the Lyons chapter is \textit{Perishable Materials}, which begins December 5th. Please remember that you can also take classes he teaches to other chapters.

In addition, for those of you who completed everything except for the Field Day for the Basic Site Survey class last fall, that field day is scheduled for Saturday, July 15th, 10 a.m. at Rabbit Mountain. Please call me to let me know if you plan to go (443-8851).

Ann Pipkian
Lyons PAAC Coordinator

\textbf{PAAC Schedule: July - December 1989}

\textbf{July}

6, 13
Denver
Lithics Lab

15
Lyons
Basic Site Survey, field day

20
Denver
Lithics Lab

24-28
Durango
Lithics Description & Analysis

\textbf{August}

3
Denver
Lithics Lab

5
Denver
CAS Quarterly Meeting

10
Denver
Lithics Lab

12-13
Canon City
Basic Site Survey

15, 24
Denver
Lithics Lab

25-27
Canon City
Basic Site Survey

\textbf{September}

6, 10
Fort Collins
Colorado Archaeology

9-10
Fort Morgan
Basic Site Survey

13
Fort Collins
Colorado Archaeology

13-16
Montrose
Basic Site Survey

20, 27
Fort Collins
Colorado Archaeology

29-30
Colorado Springs
Lithics Description & Analysis

\textbf{October}

1-2
Colorado Springs
Lithics Description & Analysis

6-8
Fort Collins
Colorado Archaeology

6-8
Grand Junction
CAS Annual Meeting

11
Fort Collins
Colorado Archaeology

13-16
Montrose
Basic Site Survey

25
Fort Collins
Colorado Archaeology

\textbf{November}

3-4
Durango
Ceramics Description & Analysis

9, 14 & 16
Denver
Ceramics Description & Analysis

17-18
Carbondale
Photography

21, 28 & 30
Denver
Ceramics Description & Analysis

\textbf{December}

1-3
Grand Junction
Research Design & Report Writing

5, 7
Lyons
Perishable Materials

9-10
Lyons
Photography

12, 14
Lyons
Perishable Materials

15-18
Pueblo
Historic Archaeology

19, 21
Lyons
Perishable Materials
PRESENT: Bill Maxson, Bill Boyle, Jeannie Hamilton, Laura Viola, Lee Lacey, Sue and Rick Lippincott.

TREASURER'S REPORT: $385, 72 members. It was moved and seconded that dues be increased beginning October 15, 1989 to $20 per year for individual member ($10 to state CAS and $10 to chapter) and $25 for family membership ($15 to state CAS and $10 to chapter). Motion passed.

NEWSLETTER: The CALMET will not be published in August. Sue and Rick Lippincott will be staying and will continue to publish the CALMET.

EDUCATION: Jeannie reported Bill Tate's artifact illustration class had some openings four from Lyons (Bill, Jeannie, Sue, and Rick will attend). Bill Maxson will contact Ann Hayes about selling T-shirts at the Annual Meeting in October.

Bill Maxson reported on the Children's Festival program by Lyons Chapter: presentation to nearly 1,000 children. Special thanks to Sue Lacey for coordinating this program, Kay Ovatz and her children, Pat Hatfield, Ann Struthers, and Larry Riggs, and Bill M for the work that went into making the presentation a success.

PAAC: Kevin Black wants one site form from a previously recorded historical site, and one site form from a previously recorded pre-historic site as a part of the certification program for those seeking certification. The other two sites do not have to have been previously recorded.

FIELD DIRECTORS: Kevin recommended a major survey of the Flatirons Vista area and will join us for a field day in September. He suggests there is a possibility of a village site in the area.

Laura reported on West Arawahoe Bridge site. The contractor will soon be ready to do the project. Laura will contact those who signed up for initial survey and project monitoring.

Boulder County Survey will work a site near Hygiene on Saturday, July 22. See OFF THE SCREEN for information.

Rabbit Mountain report is in process under direction of Sharon Pay. The material has been edited and Sharon will have a first draft ready in July or August.

BUSINESS: Discussion of a chapter picnic in the Fall. Date, time, and location to be set later. Watch the CALMET for more information.

Working on a seminar on ground disturbance with Dick Antonio, agriculturalist with Boulder County Open Space. This would be a half-day program.


Denver Chapter has invited Lyons Chapter to Nomad display August 6. See information elsewhere in the CALMET.

NEXT EXECUTIVE BOARD MEETING: Jeannie Hamilton's, 1100 Deer Trail Rd., August 22 at 7:30 p.m. Call Jeannie (443-9221) for directions.
Desert Wind
by
Leni Clubb

Several years ago while in Durango to attend a wedding, we chanced to look out our motel window and saw a muffled-up figure walking in the drizzling rain and cutting what appeared to be willow shoots. It was willow shoots and the figure was our good Lyons Chapter friend, Lee Lacey. He knocked on our door and brought in the willow shoots and proceeded to show us how to make "split-willow figurines". Our earliest efforts were a dismal failure...but after many, many tries, we were finally able to construct several creditable animals. Lee had learned to make the figurines from Bruce Bradley while attending a seminar at Crow Canyon.

Later on, while browsing through old Natural History Magazine issues, I came across the article mentioned in this column in the June CALUMET. This month's column is or could be titled, "The Technique of Manufacture of Split-Twig Figurines." The information and drawings are taken from this 1966 article.

"The technique of manufacture was relatively simple (see diagram below). A green willow twig was first cut to a length of two to four feet, split along most of its length, and the unsplit lower portion was bent to form the hind leg and back. One segment of the split branch was then bent down and up to form the front leg. The end of this same piece was again bent and positioned to make the neck. Then the upper split segment was wrapped around the front and read legs to form the animal's body. Following this, the neck splint was angled to form the nose, after which it was bent back toward the neck, wrapped over the nose to complete the head, and then down along the neck to be wrapped under the body behind the front legs. This thickened the neck and provided stability for the body. The remainder of this segment then came back over the head to end in a spiral wrapping around the neck and the end tucked into the base of the neck to complete the figurine. While this seems to be a most ingenious, if not complicated manufacture, with a little practice one can produce a figurine in five or ten minutes.

Considerable variation has been recorded in the size of the figurines. Some are only an inch long, while others range up to eight inches. The size of the completed effigy and the number of body wrapps are entirely a function of the willow shoots selected. A few specimens have what seem to be hornlike appendages on the head, and on an occasional figure, an additional grass body wrappng has been noted. Frequently the
Field Trip

WHERE: Swallow Site, Ken Caryl Ranch
Denver Chapter Site

WHEN: Saturday and Sunday, Sept.
9-10, 8:30 to 4

HOW: Meet at Table Mesa Park and
Ride Boulder Turnpike (36)
and Table Mesa at 7 a.m.
and car-pool to site

WHAT: Saturday is Denver Chapter's
annual picnic; bring what
you want to cook, side dish
and beverage. Combined
social and work event.

TOOLS: Brush, trowel, hat, sun screen
poncho or rain gear, and
lunch on Sunday

LIMITS: 15 people per day; sign up
sheet at chapter meetings

There will be porta-potties!
This is primitive, but not that much!

OFFICIAL MAP IF YOU WANT TO DRIVE!

WILLow-Desert Wind: Continued

bodies are pierced with unsplit twigs, probably representing miniature spears. It was
the piercing that give rise to the suggestion that the figures were used in religious
rites of imitative magic. One can visualize a small group of prehistoric hunters,
before taking to the trail in search of game, gathering some green willow withes and
going to an isolated, uninhabited cave to make effigies of the animals they sought
(perhaps deer or mountain sheep) and symbolically piercing them with spears. They
then placed the tiny animal figures under large rocks or in crevices in the cave
floor (the place where they are usually found ).

It may take more than ten minutes to master the technique and control the willow,
(that's optimistic at best - Ed.) the secret is to use the new spring shoots that are
long but not too thick and DON'T FEEL the bark from the shoots. Don't give up...you
will be so proud of your handiwork...and they could last a thousand years!
The Boulder County Survey group is once again alive and well and ready to survey. There are only a few areas left to be surveyed, so hopefully, says Ann Pipkins, this project can be completed by Fall. A survey is scheduled for Saturday, July 22 starting at the Countryside Village parking lot at 8:30 a.m. with a car pool from that point to the site near Hygiene. If you are going, call Ann (449-0851) or Louise Durr (449-2065).

Kevin Black has set July 15 for the Basic Site Survey Course field day. You who took that class last Fall should plan to attend this event. The field work will be on Rabbit Mountain, 10 a.m. to 4:00 p.m.

Call Ann Pipkins (449-0851) or Kevin (866-4671) to say you'll be there. Any questions can be answered by calling one of the above numbers. (Not Kevin will NOT tell you the UTMs in advance!)

The Denver Chapter has copies of its "Forest Canyon Pass, a High Altitude Survey" for sale for $15 including tax. The 427-page report covers the northeast third of Forest Canyon Pass in Rocky Mountain National Park. You can obtain a copy by sending the check or money order to Denver Chapter, Colorado Archaeological Society, Box 972, Wheatridge, CO 80033. The order deadline is July 19, 1989.

The Eighth Annual World Open Atlatl Contest will open on Saturday, August 19, 1989 at the Fort Caspar Museum, Casper, Wyoming. Morning session will be devoted to flintknapping demonstrations. There is also a Paleo-Indian Craft Fair planned. If you would like to be a part of this segment of the event, contact the museum, Richard L. Young, Fort Caspar Museum, 1001 Fort Caspar Rd., Casper Wyo. 82601.

The contests will begin at 1 p.m. with separate divisions for boys and girls under 16, men and women over 16, and teams composed of one adult and one youth.

Dr. George Frison, former state archaeologist and now professor for the Anthropology Department, University of Wyoming, will present a lecture at 8 p.m., Roberts' Common Ballroom, Casper College. This sounds like a really great day even if you're not a "stick slinger." Camping information from Casper Chamber of Commerce, 500 North Casper Street, Casper, Wyo 82601.

**Chapter Meeting**

**WHEN:** Tuesday, August 29, 1989; 7:30 to 9:30 p.m.

**WHERE:** UMC 230

**PROGRAM:** Remote Sensing

**SPEAKER:** Dr. Jim Grady

Dr. Grady is an authority on remote sensing of earth objects and has happily consented to share his expertise with us. This is an exciting and rapidly developing field of research and application that will have significant implications for archaeology in the future. Join us for a great presentation!
JOIN US FOR A TRIP
TO THE STEPPEs OF
RUSSIA, CHINA, AND MONGOLIA
(AND YOU DON'T EVEN HAVE TO HAVE A PASSPORT!)  

NOMADS: MASTERS OF THE EURASIAN STEPPE EXHIBITION
SUNDAY, AUGUST 6, 1989
DENVER MUSEUM OF NATURAL HISTORY
COST: $10.00

Nomads is the largest archaeological-ethnographic exhibition to ever leave the Soviet Union. The exhibit will tour only three cities in the U.S.: Los Angeles, Washington D.C., and Denver. The exhibit consists of nearly 1400 artifacts, illustrating almost 3000 years of culture.

In conjunction with the Colorado Archaeological Society's Quarterly Meeting, the Denver Chapter is offering a group tour package. This year's tour includes:
A 8:15 a.m. - Continental breakfast at The Cafe (optional)
A 9-9:30 a.m. - Special exhibit orientation (limited to 50/session)
A 9:40-10 a.m. - Self-paced tour of the exhibit (limited to 50/session)
A All day admission to the museum
A Reduced price on Account Guide ($2.75 each)

For more information and registration, contact:
Kay Adams, 361-3592 (days) or 950-6931
Teresa Weedon, 361-4063 (days) or 366-7843
DIG THE PAST! EXCAVATION

DATES: AUGUST 12-19, 1989 # 21
AUGUST 19-26, 1989 # 23

COST: $475 PER WEEK ($975 FOR BOTH WEEKS) Cost includes all food (except alcoholic beverages), transportation between site and Cortez, Colorado, insurance, expert staff, group equipment, and supplies. Please bring your own personal camping gear. Airfare is not included. See brochure page 13 for travel information. Continental Airlines flies to Cortez, Co. where you will be met. A full equipment list will be sent after registration.

CO SPONSOR: San Juan National Forest
STAFF: Dr. Bill Lucas - University of Colorado Museum
Bob York - USFS
FCS Staff

PROGRAM CONTENT: To provide preliminary inventory and interpretive data concerning the cultural manifestations of the Miller Camp area near Dolores, Colorado. These include historic and prehistoric occupations, from Archaic to Ute Indian and the New Mexico Lumber Company. We will excavate a test pit in the rock shelter known as Miller Cave, conduct oral histories with local residents who used the site historically, survey the surrounding area for the boundaries of cultural remains, and photo document all evidence found. Recommendations will be made to the Forest Service for further research and cultural resource protection. Hiking will be within a one mile area of our basecamp. Temperatures will range from 50 degrees at night to 95 degrees during the day.

ITINERARY:
Day 1 - Arrive Cortez, Co. by 4 PM. Drive to Anasazi Heritage Center for orientation and then to site. Set up camp, dinner, and further orientation.

Day 2 - Split into crews and begin training. Crew jobs will be excavation, oral history, photography, and surveying. Evening lecture on prehistory of the area.

Day 3 - Continue work. Evening lecture on history of the area.

Day 4 - Continue work. Discuss previous days work in the evening. Switch crews around as desired.

Day 5 - Day trip to Mesa Verde. Tour Wetherill Mesa, and other significant sites of Mesa Verde.

Day 6 and 7 - Continue work as before.

Day 8 - Break camp. Final visit to Anasazi Heritage Center. Drive to Cortez airport. Leave by 1 PM.

Four Corners School of Outdoor Education
East Route
Monticello, Utah 84535
(801) 587-2859

Also contact for information: Ann Moller (303) 444-2050 (evenings and weekends)
Dear Members of the Lyons Chapter, C.A.S.

May 23, 1989

We are extending an invitation to you to attend a weekend field trip in Pine Bluffs, Wyoming, on August 12 and 13. This field trip is being sponsored by the University of Wyoming High Plains Archaeology Project, the Town of Pine Bluffs and the Cheyenne Chapter of W.A.S.

Pine Bluffs is the center of the High Plains Archaeology Project. Its research is focused on documenting the course of prehistoric population movement on the High Plains. In the past two field seasons this project has investigated many sites in southwestern Wyoming including stratified campsites, rockshelters, butte-top defensive sites, kill sites, rock alignments and burials.

Camping facilities are available at the field camp on the bluffs south of town on the Brown Ranch. It is in a beautiful wooded area. There is also a KOA campground in Pine Bluffs. The motel is the Travelyn at 515 W. 7th, (307) 245-3226. Advanced reservations for the motel are recommended. See the enclosed map for locations of lab, sites, field camp, motel, etc. Pine Bluffs is 40 miles east of Cheyenne on Interstate 80.

**PROGRAM**

**Friday, August 11**
8:30 P.M.- Early Bird Party for early arrivals at the HPA Field Camp on the Brown Ranch.

**Saturday, August 12**
9:00 A.M.- Rendezvous at the High Plains Lab for a day of tours of the lab and active Pine Bluffs Site, volunteer excavation, and guided tours of area sites, such as, Leaning Rock and Seven Mile Point.
6:00 P.M.- Cream Can Feed hosted by the Town of Pine Bluffs.
8:00 P.M.- Continued festivities at the HPA Field Camp.

**Sunday, August 13**
8:00 A.M.- Pancake Breakfast at the HPA dining hall.
9:00 A.M.- Tours of sites in the Horse Creek Breaks, such as Gurney Peak Fortress.

This is your chance to see some interesting sites and to experience the unique educational approach of the High Plains Project. There are no registration fees, and the Cream Can Supper and Pancake Breakfast are FREE!

Please help us plan for the cream can feed and the breakfast by indicating below how many plan to attend:

- August 12, Cream Can Feed
- August 13, Pancake Breakfast

NAME_________________________________________ CHAPTER__________________________

ADDRESS_________________________________________ Mail to: Harvey Deselms, Secretary
Cheyenne Chapter, W.A.S. 2202 Morrie Avenue
Cheyenne, WY 82001
THE CALUMET

LYONS CHAPTER EXECUTIVE BOARD FOR 1989

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Occi Temporada, 4500 S. Boulders Circle, Boulder, CO 80303, 449-3081
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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.

1989 Application form for membership in the Lyons Chapter of the Colorado Archaeological Society.

[ ] Individual Membership $15.00 [ ] New member

[ ] Family membership $22.00 [ ] Renewal

Make checks payable to Lyons Chapter - Colorado Archaeological Society
Mail to Jeanie Hamilton, 1100 Deer Trail Road, Boulder, CO 80302

Name(s)
Address

Phone numbers (h) (w)