



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

THE CALUMET



Conservation
Preservation
Education
Appreciation

SEPTEMBER 1985

VOLUME 9, ISSUE 5

CALENDAR

- Sept. 14 or 15 Survey Team going out to complete several sites in Lyons area. Call Louise Derr (499-2065), Sharon Pay (443-3042) or Ann Pipkins (449-0851) for information on time/meeting place/day.
- Sept. 14-15 Dig at Swallow site, Ken Caryl Ranch. There will be only a couple more weekends to participate in this interesting excavation of a rock shelter site as the site will be closed for the winter in October. Call Ivol Hagar (986-2483) or Doug Medina (239-8355) for more information.
- Sept. 17 Lyons Chapter Executive Board Meeting, 7:30 PM, at Cleo Barnes, 2747 Crestridge Ct., Boulder. (444-1050) All members invited. Call Cleo for directions. (See page 8 for important event)
- ★ Sept. 21 Lyons Chapter Regular Meeting, 7:30 PM, Hellems Bldg., Rm. #241, C. U. Campus, Boulder. Dr. Dennis P. Van Gerven, University of Colorado Anthropology Department, Boulder will be the speaker. He will discuss and show slides of his Nubian expedition and recent findings.
- Sept. 24
- Sept. 28 Historic Site Survey. Call Kay Evatz (776-6491) for final details. See further on this issue.
- Oct. 4-5-6 Colorado Archaeological Society Annual Meeting, Montrose, Colorado. This is our 50th Anniversary Meeting of the founding of the Society. You should have received the schedule of activities and also registration materials, lists of motel, campgrounds and restaurants in and around Montrose. Come help us celebrate this great anniversary!

SURVEY TEAMS

The teams have surveyed about 12 or 14 sites of the 63 which we have on our Boulder County Archaeological Site Inventory project and many of the reports are almost completed and ready to turn in to O D. Several persons on the teams may have completed the survey requirements for Provisional Surveyor Certification even this early in the project. They are doing a thorough job and making sure of their facts before filling out the necessary reports. They also have been photographing the artifacts stored in the University Museum to include with the final reports. These artifacts have been stored in the CRM files - some of them since 1949. This project entails much work such as searching the County files for names of owners, getting permission to go on the property, doing the survey, filling out the reports, etc. etc. The people on the teams are to be commended for their dedicated efforts on behalf of our 50th Anniversary project. Ask about getting on a team at the Sept. meeting.

The Historic Site team have been surveying historic homes in Longmont in cooperation with the Longmont Landmark Commission and will have their reports ready soon. Call Kay Evatz if you would like to join in on this project.

DIG AT SWALLOW SITE

Even if you are a novice "digger", or have no experience at all, you will have a great time assisting in the excavation of a rock shelter site in this beautiful spot among the red rocks in southwestern Denver. Call Ivol Hagar or Doug Medina if you would like to participate before the season is over. This is an on-going project of the Denver Chapter and a number of Lyons Chapter members have been troweling away or screening for several years now. Wouldn't you like to be the one to find three Archaic projectile points....perfect ones at that....after only about 30 minutes with your trowel?

EXECUTIVE BOARD MEETING

We have several important items to discuss including the proposed changes in the Society's Constitution and By-Laws. Our President and CAS Representative will be asked to vote on these amendments at the Annual Meeting and will need input from the Executive Board.

REGULAR MEETING

We had Dr. Van Gerven scheduled earlier this year, but he was called out of town. Even though he is quite busy with classes this semester, he has consented to talk to us on his Nubian expedition and recent findings. Some of you may have seen the exhibit at the University Museum, Henderson Bldg, C. U. Campus of the Nubian mummies. Dr. Van Gerven received his B.A. at the University of Utah and his M. A. and PhD at the University of Mass. He is an Associate Professor in the Department of Anthropology, C. U., Boulder.

ANNUAL MEETING

Do consider helping to celebrate the 50th Anniversary of the founding of the Colorado Archaeological Society. It's a great time to get to know members from other chapters. It is not all papers and workshopsthere is time for fun field trips and social times. If you haven't received your packet of information call any of your Board members.

If you would like to give a paper at the meeting, call Leni (652-2203) and she will send you a letter of information and a form to fill out which we have received from Victoria Sounart, Program Chairman and Vice President of CAS.

As we are to have two PAAC classes in our area soon, it is appropriate to publish this article by our friend and teacher, O D Hand which appeared in the June issue of the Colorado Heritage News, a publication of the Colorado Historical Society:

June 1983

SURVEY REGISTER PRESERVE

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Training Program Presents "Real World" of Archaeology

BY O D HAND, Society PAAC Training Coordinator

MANY PEOPLE fantasize about the romantic life of the archaeologist, dreaming of hidden treasure, wealth, adventure, and exotic places. Often, they know little about the real world of archaeology. Perhaps this is because to a certain extent the field of archaeology has been kept as much a mystery as the topic with which it is concerned—the physical remains of man's past.

There has always been a diverse group of individuals interested in archaeology. There are those who seek archaeology as a career, those who seek archaeological remains for personal gain, and those who are concerned with the preservation of antiquities but who have not had formal training. The professional archaeological community has long recognized the importance of individuals who are sincerely concerned about the preservation of cultural resources. Many become avocational archaeologists, pursuing their interest in prehistory during their spare time. These avocationalists not only are good sources of information but also provide valuable assistance in preserving archaeological sites.

For years avocationalists nationwide have requested training in archaeological skills. Many are aware that they cannot handle archaeological sites properly because they lack the necessary skills and knowledge such as the ability to recognize different types of sites and to record them correctly, and familiarity with the different prehistoric cultures that once occupied their particular areas. The type and quantity of information requested by avocationalists is vast. As a result, many states have initiated special training programs aimed at the needs of the avocational community.

The Colorado training program is known as the Program for Avocational Archaeological Certification (PAAC). It was initiated by members of the Colorado Archaeological Society (CAS), an organization of avocational and professional archaeologists that was founded in 1935.

PAAC began in January 1979 as a cooperative agreement between CAS and the Colorado Historical Society's Office of the State Archaeologist, which is part of the Society's Office of Archaeology and Historic Preservation (OAH). The OAH offers CAS members technical expertise through a PAAC training coordinator. The program started with three CAS chapters; at present nine chapters are involved.

PAAC offers training in basic archaeological skills

providing avocationalists with a rudimentary knowledge of archaeology. The program is not a substitute for a formal university education or for a specialized government training program. Individuals who participate in PAAC have the opportunity to be certified at various levels of training. A certificate indicates that the participant has satisfactorily completed the prescribed curriculum for a particular level of training and should be able to perform activities related to that level.

The PAAC program is not limited to avocationalists who seek certification. Many individuals participate strictly for the information they gain and have no intention of seeking certification. Certification is stressed if individuals plan to participate in volunteer archaeological projects.

Participation in PAAC is limited to CAS members who are 15 or older. Participants must agree to the PAAC code of ethics and must pay a \$10 fee for materials at each level of training.

PAAC centers on two main areas of study: the archaeology survey and the archaeology laboratory. Archaeological surveying concerns the process of locating and recording archaeological sites. This part of the program offers four levels of training composed of related course work and field activities. The basic course requirements of the four levels are as follows:

Provisional Surveyor

1. Completion of two seminars: (1) basic site surveying techniques and archaeological ethics and (2) Colorado archaeology.
2. Must pass a written certification exam.
3. Must record four sites—two prehistoric and two historic.

Surveyor I

1. Must be a certified provisional surveyor.
2. Completion of four seminars: (1) prehistoric lithic description and analysis, (2) prehistoric ceramic description and analysis, (3) perishable material, and (4) historic archaeology.
3. Must be a crew member on three surveys or must have done a minimum of 15 days of field work.

Surveyor II

1. Must be a certified surveyor I.
2. Completion of three seminars: (1) research design and report writing, (2) dating methods, and (3) field and lab photography.
3. Must design and carry out an intensive survey of a

defined area and must submit a written report on the survey.

Specialty Surveyor

1. Certification indicates specialization within the area of study. Certification requirements defined based on the area of study.
2. Minimum requirements may include written examination, written paper, and/or large-scale project.

PAAC archaeology laboratory courses teach how to process artifacts retrieved from an archaeological survey or excavation. Basic lab procedures consist of cleaning, identifying, cataloging, and packaging for storage. There are two levels of training in the laboratory program. Their requirements are as follows:

Certified Laboratory Trainee

1. Prerequisite seminars from provisional surveyor and surveyor I courses: Colorado archaeology; lithic description and analysis; ceramic description and analysis; historic archaeology.
2. The following courses, which may be taken according to area of emphasis in laboratory training:
 - (a) introduction to laboratory techniques (15 hours);
 - (b) completion of 40 hours in any of the following laboratory courses—lithics lab, ceramics lab, historic materials lab, specialty lab; and
 - (c) completion of an assigned laboratory practicum under the supervision of an approved archaeologist.

Laboratory Technician

1. Must be a certified laboratory trainee.
2. Completion of 40 hours advanced work in any of the following laboratory courses: lithics lab; ceramics lab; historic materials lab; specialty lab.
3. Must submit a written report on an approved analysis project for class critique.

The willingness of Colorado's avocational and professional archaeological communities to work together has made PAAC possible. Such avocational training programs are an important avenue by which we can preserve our cultural heritage.

For more information about the program contact PAAC Training Coordinator O D Hand, OAH, Colorado Historical Society, 1300 Broadway, Denver CO 80203 (303) 866-3392.

Following is an outline of the two classes available during September, October and November. If you have not already signed up for either or both of these classes, there will be a sign-up sheet at the Sept. meeting. If you are unable to attend the meeting, call O D to sign up. The place of the Lithics class will depend on the sign-up....Boulder or Longmont.

CERAMIC ANALYSIS & DESCRIPTION

- A. Terminology
- B. Introduction to Ceramics
- C. Ceramic Technology
 - 1. Composition (Paste)
 - 2. Procedures for Working Paste
 - 3. Forming Techniques
 - 4. Finishing Techniques
 - 5. Firing
- D. Analysis and Description
 - 1. Form/Shape
 - 2. Paste
 - 3. Decoration
- E. Typology
 - 1. Type
 - 2. Series
 - 3. Ware
- F. Colorado Ceramic Types
 - 1. Plains/Mountains
 - A) Early Ceramics (Woodland)
 - B) Middle Ceramics (Upper Republican)
 - C) Late Ceramics (Apishapa, Dismal River, Shoshone, Ute)
 - 2. Fremont
 - 3. Anasazi

Conference Room (3rd Floor)
Colorado State Museum
1300 Broadway
Denver

Sept. 18 (Wed) 7-9:30 PM
" 25 " " "
" 28 (Sat) 9 AM - 3 PM
Oct. 9 (Wed) 7 - 9:30 PM
" 16 " 7 - 9:30 PM

Contact O D Hand (866-4671)
for additional information
and to sign up for the
courses listed on this page.

LITHIC ANALYSIS & DESCRIPTION

- A. Terminology
- B. Introduction to Lithics
 - 1. What are Lithics?
- C. Rock Types and Usage
 - 1. Igneous
 - 2. Sedimentary
 - 3. Metamorphic
- D. Early Evidence of Lithic Technology
- E. Tool Manufacture and use
 - 1. Chipped Stone Tools
 - 2. Pecked and Ground Stone Tools
- F. Lithics as part of a Site
- G. Typology (Analysis)
- H. Tool Classes Common to Colorado

Place of classes to be
determined by sign up
and preference of members.
Will be Boulder or Longmont.
Decision at Sept. meeting.

Oct. 22 (Tues) 7-9:30 PM
" 24 (Thurs) "
Nov. 5 (Tues) "
" 7 (Thurs) "
" 12 (Tues) "
" 14 (Thurs) "

The above classes are part of the Surveyor I module. In order to schedule PAAC classes it is important that we know what PAAC classes you want. Please fill out the questionnaire below and mail to Sharon Pay, Chapter PAAC Coordinator, 5000 Butte, Sp. 116, Boulder, CO 80301, or bring to a meeting.

----- (Cut on dashed line) -----



What PAAC courses do you request? (Check one or more)

Basic Site Surveying Techniques _____ Historic Archaeology _____
Archaeology of Colorado _____ Perishable Materials _____
Prehistoric Lithic Desc. & Analy. _____ Field & Lab. Photography _____
Prehistoric Ceramics Desc. & Analy. _____ Research Design & Report Writing _____

When do you want PAAC courses? Spring _____ Summer _____ Fall _____ Winter _____
What days do you prefer? Nights _____ Weekends _____



The Quahada Chapter, CAS, has sent us a copy of their publication which is their special contribution to the 50th Anniversary of CAS. They state that they have tried to present a picture of CAS and Amateurs in Archaeology that is both informative and attractive. The 8½ x 11 "booklet" is titled "Archaeology: STEPS IN TIME" and is available at \$3.50 each and is prepaid if ordered before the Annual Meeting. (One of your officers attending the meeting will pick them up for you.) They would appreciate orders before September 21st. This will allow them to have the booklets organized and ready to be picked up at the meeting. If ordered at the meeting, the price will be \$4.00. As the deadline is prior to our regular meeting, and you would like to have this well done "souvenir" of our 50th Anniversary, please send your check to Beverly O'Neil, 3002 A½ Road, Grand Junction, CO 81503. You can look at the Chapter copy at the September meeting and if you wish us to pick one up for you (providing any are available), we will be glad to take your check or cash. Make checks out to Quahada Chapter, CAS

ANNUAL STONE AGE FAIR, Loveland, CO. September 28 & 29. Last year, several Lyons Chapter members attended the Stone Age Fair on Sunday and enjoyed the exhibits and demonstrations but missed the Saturday seminars. This year, we have found out that Dennis Stanford, Leslie Wildesen, Fred Lange and George Frison will be the speakers on Saturday. Since Leslie and Fred are both Lyons Chapter members, it would be nice if a number of us could attend the seminars. We do not have the schedule as yet but will pass the information on at the September meeting, or you may call Leni (652-2203) after Sept. 15th. The seminars and the exhibits, etc. are held at the Loveland Auditorium which is on the south running one-way close to downtown.

Kay Evatz, Field Director (Historic Site Survey), (776-6491) says that if enough people are interested, she will conduct a tour of Historic homes in Loveland in the morning of the 28th and then all will attend the seminars. She can take at least 6 people or carpool. Call her if interested.

TIME & TECHNOLOGY: Scientific Approaches to Costa Rican Pre-history. This exhibit opens September 15th. Fred Lange, Curator of the University Museum, will be sending all Lyons members an invitation to the Opening Reception on Friday, Sept. 13th from 4 to 7 PM, C. U. Campus, Boulder, Henderson Bldg. This exhibition of the Jan and Frederick R. Mayer Pre-Columbian Collection, features scientific techniques used by international scholars, including University of Colorado faculty and students and establishes an exciting new view of prehistoric Costa Rica. You may receive the invitation before you receive this newsletter.

COLORADO HERITAGE CENTER MUSEUM STORE. Last week, the Colorado Historical Society held a gala opening of their totally new museum store stocked with new, exciting merchandise, representing Colorado Arts & Crafts, books about our State and many unusual gift items. The new store will play a role in providing a source of funds for the museum and work done by the Colorado Historical Society. We have been sent a "Privileged Shopper" card which, it appears, entitles any Lyons Chapter member to a 10% discount on all purchases. (I will check this out and let you know in a future Calumet) When you are in Denver, visit the Museum store. There is no charge to enter the store.

The following is a narrative report prepared by Kay Evatz and Cleo Barnes on that wonderful trip with Steve Cassels the first weekend in August:

Report on Steve Cassells Front Range Archaeology Minicourse Aug.
3-6

On this trip we went 981 miles, saw 15 archaeological sites, beautiful scenery, met Willard Loudon, studied with Steve and had three spine tingling adventures.

Aug 3, 12 noon-the twelve participants met in Pueblo, five from the Lyons Chapter, three from Denver, 1 from Colo. Springs, two from Canon City and Steve.. We rendezvoused with Will Loudon at the University of Nebraska field school site near the Apishapa River. The site was situated on a rocky hill set in a valley. The rock structures appeared to be single room structures connected with tunnels and surrounded by an outside wall. The walls were perpendicular slabs. The slabs of rock were of the same material as the rocky hill. On the way back to the cars we stopped to study the rock art on the side of the hill. We had to hurry as a bad storm was closing in on us & the decision was made to go on to Trinidad. The rain made the dirt road slick at Will's leisurely 50 mile pace. At one stop he remarked that the only time a car was going straight was through the gate. We stopped for gas and then went another 27 miles to the ranch where we were to spend the night. Our gamble had paid off we'd outrun the rain. Everyone pitched in to put up the tents in the darkness. Then Will gave us excellent prehistory-history lesson of the area and some of the more than 3000 sites that he had explored in the past 40 years.

Aug 4, 7:00 a.m. Everyone was up for a quick breakfast and a special dish fixed by Willard. Only four wheel vehicles could go down the 500' deep canyon. We all crowded into three pickups, 3 to 4 up front and the rest in the back. The road was rocky, narrow, 500' over the edge with hairpin curves. Those in the back spent their time trying to stay in their seats. The road was soon forgotten as we looked over to the Red Rock canyon site.

It was a beautiful location, a small finger of land jutting out into the canyon. The site was on top of the rock at the end, accessible by climbing a eight foot crevice. We were all pulled or pushed to the top. The structures were separate round rooms with the sides still standing about 1-2 feet high. The site had not been disturbed since it had been excavated. There were two natural rock basins, filled with water, which added to the feeling of recent habitation. From the site we were able to see sites dotting the canyon rim. Getting down was exciting too, the women were dropped into the arms of Dan Tucker.

The road became steeper and more rocky as we climbed to see the steepest part of the canyon. This spectacular 9000+ acre ranch with its many sites is kept in a near natural state by owners who are conservationists dedicated to preserving the archaeology, flora and fauna of the place.

After lunch we were off to Trinchera Cave with its historic and prehistoric rock art. Willard explained that early Spanish and Anglo settlers used the cave and had added to the prehistoric art. The cave was about 150' long and 20' wide. Water ran out of the back wall and down to a nearby stream. The stream ran down to a beautiful waterfall complete with a grotto behind the fall and two beautiful pools. Most of us took advantage of the cool pools

for a short swim or wade to ward off the 90 degree heat.

At 3:00 we were on the 80 mile journey back to the Snake Blakeslee site. We were only about five miles from the site when we came to a river mud hole between us & the site. Undaunted Willard drove his pickup up a small hill, gunned the motor and jumped the stream. We walked across and all 14 of loaded in and were off to Snake Blakeslee. By now we were weathered soulmates, laughing as we continued on to our next adventure and prehistoric site. Snake Blakeslee was well worth the effort. The rock slab walls were taller than Steve's 6'6" frame and were perpendicular to the ground.

We couldn't tarry and had just one more site to see. We tried to get the pickup closer to the site but after almost getting stuck between two trees with the pickup impaled by a tree limb, we had to walk. Again this site was located out on a rim tip with only one small route into the site. The structures were very similar to those at the Red Rock Island site. The sun was setting as we reached our campsite and bid good-bye to Willard and the Tuckers. Willard's last words were "I wouldn't camp on these rocks as the snakes are real bad." Supper was at 10:00 pm again. The heavens put on a display of falling stars as Lou and Pat gave us a mini-course in astrology. As we quizzed Steve about the days sites the full moon came up to end our day in this new exciting land we had just discovered.

next month-On to Northern Front Range Archaeology.

REPORT ON SECOND ANNUAL PICNIC - PIKES PEAK CHAPTER CAS, Aug. 11



We did it again!!!!

Eleven members of the Lyons Chapter attended the Pikes Peak Chapter Picnic and seven entered the Atlatl Contest. Results - 1st Place: Robin Farrington. 2nd Place: James Brooks. 5th Place: Leni Clubb. Elizabeth English got a prize for the most unusual throwing of a spear with an atlatl (we'll never tell what that was) and Dick Barnes got a prize for his atlatl. Great fun and good food was had by all. Members of out-of-town chapters included Pueblo, Denver, Canon City. Ada Jackson, "Prime mover" of the Saratoga, Wyo. Annual World Open Atlatl Contest came down and judged the atlatls. We hope they invite us next year. Carl Bauer had beautiful targets of animals set up in the forest which made it seem like an authentic hunt. Around twenty people entered the contest, including our CAS President, Bill Tate, who has become an atlatl "afficionado" like the rest of us.



ATLATL WORKSHOP

We will try to have a definite date for the first Atlatl Workshop by the Sept. 24th meeting. We have about ten new people interested and, we hope all the members who have made their atlatls and spears will participate and help the new ones. Lists of needed materials, tools, etc. will be distributed and times set for the meetings. So many things are happening in September that we probably won't get to start until after the Annual Meeting in October.

★ **FLASH! FLASH!** Jean Kindig is back from Montana and South Dakota and has scheduled the postponed High Altitude Site Survey for Sept. 21st (Saturday). This is a Pre-historic site survey near King Lake (Site BL 36) near the Continental Divide. We will leave Boulder at 7 AM and will hike from Hesse up the South Fork of Middle Boulder Creek - approximately eight miles to King Lake with an elevation gain of 2,350 feet. Call Jean (442-2581) if you want to go and/or for more information as well as to make arrangements for car pooling. With the Fall season coming on fast, this may be the last opportunity for mapping and recording in the High Country. A number of you have expressed a desire to participate in this survey so call Jean as soon as possible so that she can complete arrangements.

Please Note: Minutes of the Executive Board Meeting or the Regular Meeting were not available at publication time of this newsletter.

WELCOME TO NEW MEMBERS

Barry Beausolleil
1606 Centaur Circle
Lafayette, CO 80026
665-6598

Sharon Norton
9247 N. 63rd St.
Longmont, CO 80501
772-0796

CHANGES OF ADDRESS

Philip Loria
415 DeKalb Ave., # A
Farmington, New Mexico 87401
505-326-2569

Gail Richardson
912 Shoreline Dr.
San Mateo, CA 94404

Lucile A. Housley
4775-B White Rock Circle
Boulder, CO 80301

Alan Bloom
3055 - 24th St.
Boulder, CO 80302

50 years of service...



...Centuries in the making



LYONS CHAPTER, COLORADO ARCHAEOLOGICAL SOCIETY, OFFICERS FOR 1985

PRESIDENT, WILLIAM BOYLE, 950 PASQUE, LONGMONT 80501 (772-2279)
VICE PRESIDENT, ANN PIPKINS, 4500 - 19th ST., #456, BOULDER 80302 (449-0851)
SECRETARY, PETER CHRISTENSEN, SALINA STAR RT., SUNSET, 80302 (Bus. 447-9311)
TREASURER, SARA WHITE, 6018 FOXHILL DR., LONGMONT 80501 (772-0029)

CHAIRMEN OF STANDING COMMITTEES AND DIRECTORS

Director, Jean Kindig, 714 Kalmia, Boulder, 80302 (442-2581)
 Director, Lee Lacey, 2262 Juniper Ct., Boulder, 80302 (442-4400)
 Director, Mary Derr, 3410 Everett Dr., Boulder, 80303 (499-2065)
 CAS Rep., Sharon Pay, 5000 Butte, Sp. #116, Boulder, 80301 (443-3042)
 Libr./Hist., Cleo Barnes, 2747 Crestridge Ct., Boulder 80302 (444-1050)
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 Chapter PAAC Coord., Sharon Pau, 5000 Butte, Sp. #116, Boulder 80301 (443-3042)

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

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