The Calumet
Lyons Chapter
Colorado Archaeological Society
Conservation
Preservation
Education
Exploration

Calendar of Events

February 15th  Free day at the Colorado History Museum.

February 16th  Lyons Chapter Executive Board Meeting. 7:30pm at
the Struthers Farm, 8439 N. 63rd. 776-2330, or 776-
8907.

February 23rd  Lyons Chapter Regular Meeting. Our speaker will be
Fred Blackburn. A Progress Report on the Weatherill
Project.

March 11-13  CCPA Meetings in Grand
Junction. Further information
in your State CAS newsletter.

March 15th  A new exhibit opens at the
Colorado History Museum. "A
Continuing Tradition: Contem-
porary Navajo and Pueblo Art."

March 22nd  Lyons Chapter Executive Board
Meeting. Place to be announced.

March 29th  Lyons Chapter Regular Meeting.
Our speaker will be Ivor Hagar.

April 15-17  State CAS Quarterly Meeting, in
Cortez.

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Bits & Pieces
from the Prez

Dues are past due! Traditionally the February newsletter is the last newsletter sent to all of last year's members. If you have not renewed for 1988 by the end of this month then your membership will end. Also if you have not renewed your membership it will end the delivery of your Southwest Lore. If you renew late, it costs CAS more money to mail your Southwest Lore as the go out in separate shipments at a first class rate. If you have any questions as to whether or not you are listed as a 1988 member, call me at 776-2350, or 492-4482.

Advisory Committee to the State Archaeologist.
Kevin Black was selected as the new Chair for the Advisory Committee. His new appointed secretary is Kay Walsh. Leslie Wildesen reported that the computer is up and running in her office. She also reported that they have their funding. The council set up a committee on vandalism. The first committee meeting will be in March, so if you have any wonderful ideas on tactics to stop vandalism or to educate the public on this matter, call me before March 10th and I will pass them on.

Marcia Tate has officially invited all CAS members to attend the CCPA meetings to be held in Grand Junction in March. All information will be in the State newsletter.

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PROVINCIAL ARCHITECTURAL
17. COLORADO REMARKS
A. Colorado's prehistoric cultures and their relationships to early moderns
B. Site on your own level
1. Theories and evidence concerning man's entrance into the western hemisphere
C. Colorado prehistory and later historic developments, lifeways, and traits of early historic communities
2. Frederick's Indian Staffs, the 1820s Buffalo Hunt
3. History
4. Taken
5. The history, the market and customer
a. Market history
b. Patent
6. Territorial Stage, the Heteroclites
a. Ribbon Mainland
b. Late Plains cultures (Upper Prehistoric, Late and Upper Heterocline)
7. Territorial
8. Secor
9. Pre-secor/Secor/Early Plains

This course is a general survey of Colorado prehistoric and early historic lifeways. It discusses the various stages of prehistoric and historic native communities development, time and regional traditions, lifeways, styles, and origins. Awareness is necessary for understanding cultural affiliation and historical use of a site. Course completion suggested in Colorado archaeology will rate this type of course.

Where: Conference Room (3rd floor)
Colorado History Museum
1300 Broadway
Denver, CO 80203

Dates: Saturdays, February 6th, 13th, 20th
Thursday, March 3rd

Time: Saturdays, 9:00 AM - 3:00 PM
Thursday, 7:00 PM - 9:30 PM

For more information call your Chapter
PAAC Coordinator or 6 D Hand, State
PAAC Coordinator (666-4671)
Library Notes
By Larry Riggs

It is indeed a pleasure to once again thank the Bureau of Land Management for new additions to our chapter library. Mr. Frederic Attean of the Lakewood, CO office was kind enough to furnish us with the addresses of several BLM offices in nearby states, we wrote to them and the response has been just amazing. Dr. Ray Leicht and Ranel Capron of the Wyoming office of the BLM combined to send us four of their Cultural Resource Series (Vol. I is no longer available) and put us on their mailing list for further volumes. This time we got four really good ones, as you can see from the titles.

Vol. II Archaeological Investigations of Deer Creek Site, Big Horn County, Wyoming

Vol. III Archaic and Late Prehistoric Adaptation in Southwestern Wyoming — The Frontier Pipeline Excavations

Vol. IV Archaeological Investigations Along Sage Creek Road, Carbon County, Wyoming

Vol. V Historic Investigations of the Bear River Divide Segment of the Overland Trail

And then, Gary Stumpf of the Arizona office of the BLM sent us the so-far published volumes of their Cultural Resource Series (along with a nice note hoping our membership found them interesting and wishing good luck to the members of the Lyons Chapter—thanks Gary). There is little doubt that we will find them interesting. Here they are.

Vol. I Deceptive Desolation: Prehistory of the Sonoran Desert in West Central Arizona

Vol. II The Archaeology of Southeast Arizona: A Class I Cultural Resource Inventory

Vol. III A Ground Stone Quarry on the Lower Colorado River, Northwestern Arizona

Vol. IV The Pinonut Site: Virgin Anasazi Archaeology on the Kanab Plateau of Northwestern Arizona.
And then, the Utah office of the BLM sent us the available volumes of their Cultural Resource Series.

Vol.II  The Pony Express Stations of Utah in Historical Perspective

Vol. VI  The Simpson Springs Station—Historical Archaeology in Western Utah.

Vol. VII John Jarvie of Brown's Park

Vol. VIII Rails East to Promontory—The Utah Stations

Vol. XI  Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Northeastern Utah

Vol. XII  Archaeological Investigations in Utah At Fish Springs, Clay Basin, Northern San Rafael Swell, Southern Henry Mountains

Vol. XIV  Black Rock Cave Revisited.

Vol. XV  Cedar Siding Shelter-Archaeological Excavation of a Multi-aspect Overhang, Emery County, Utah

Vol. XVI  A Nineteenth Century Ute Burial From Northeast Utah

Vol. XVII The Archaeology of the Red Cliffs Site

Vol. XVIII An Archaeological Survey and Predictive Model Fo Selected Areas of Utah's Cisco Desert

Vol. XIX  The Castle Valley Archaeological Project: An Inventory and Predictive Model of Selected Tracts.

Vol. XX  Excavations at Quail Creek

Vol. XXI  Green Spring: An Anasazi and Southern Paiute Encampment In the St. George Basin of Utah

Lack of space (as you can see) forbade the inclusion of the names and authors of these books. And, sadly, there was no enclosure from Utah so we don't know whom to thank specifically for their contribution. These books are all first rate, they are loaded with excellent maps and illustrations, and they are valuable additions to our library. Despite the fact that my postman thinks the BLM is sending me rocks through the mail, it has been a really wonderful experience to get such a response to our letters of inquiry. Our sincere and heartfelt thanks to the BLM personnel who have done so much to advance our cause.
The above 125 ft. design is part of a series in southeastern California.

Geoglyphs, Sighting Stones & Trails

Geoglyphs were commonly made by scraping the surface of a pebble mosaic desert pavement from the center line to both sides, and only rarely to one side. Using arms or a scraping stick, the pebbles were formed into a ridge outlining the inset design (which is why the style was originally called "intaglios"). The pebbles eventually seated into a hardened but subtle edge while the Natives permatized the design itself through tamping, probably by foot while carrying out ritual dancing. The tamping action treated the soil in the same way as tempering effects metal, giving it a hardened surface. With the geoglyphs the tamping prevented plant growth, and resisted animal and insect burrowing. Too, wind covered the slightly indented surface of the geoglyph with a solid coating of course sand which further protected the design from deterioration. The four stages of a geoglyph are shown in Fig. 1, using as a model a lateral cross.
It is noted that the majority of large, long, or complex rock alignments that stones unusual in size, color, or shape were used to join intersecting lines or were widely spaced along extended lines. The shaman probably placed these as “sighting stones,” outlining the design or segment of it. The imaginary lines between could thus be filled in without distorting the plan. The presence of these in some geoglyphs plainly had a planned design before construction took place and that the use of the sighting stones enabled them to adhere to the envisioned layout, especially if only portions were constructed at a time, and the work took numerous seasons to complete. (See Fig. 2 and 3 below).

Fig. 2 - "Power ring" outer ring 25 ft. wide located on Yuma Desert near Ocotillo, CA.

Fig. 3 - Inner ring with "sighting stones"

Trails and geoglyphs lines average 35 cm wide, though variances from 20 to 50 cm do occur with both. Too, most linear geoglyphs and all trails change direction slightly but frequently as if dodging invisible impediments or obstructions. It is plain in both cases that straight lines could be formed if they...
served a determined need.

The earliest trail known in Imperial County crosses a portion of the Yuha mesa strewn with porphyry cobbles which were partially cleared for the major trail. The Kwaaymii (a sub-group of the Mountain Kumeyaay) instructed youths to never stray from the trails while outside the village lest they would lose the spiritual shield that guarded the them during travel (Cline, 1984). While geoglyphs and trails did have separate particular roles, generically they fulfilled similar spiritual purposes. The assurance of survival was immediately related to both, and made one a variation of the other (von Werlhof 1987).

Reference:
Spirits of the Earth, Jay von Werlhof, Vol I Imperial Valley College Museum, El Centro, CA 1987
Just before Sunset, Lora L. Cline, J&L Enterprises, Jacumba, CA 1984

Photos By Harry Casey from Science 83.
Lyons Chapter, CAS, Executive Board For 1988

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- PAAC Coordinator: Ann Pipkins, 4500 19th #456, Boulder 80302 (449-0651)
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- The Calumet Editor: Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350)

Indian Rock Art Seminar Slated

Boulder artist and avocational archaeologists Elizabeth English will be holding a half day seminar and slide show on Indian rock art from 1:00 PM to 5:00 PM, Saturday, March 26, 1988.

English presently is investigating and photographing a recently discovered site of rock pictographs in the remote Patagonia region of southern Chile. The extensive site is believed to have been left by a previously unknown and unique civilization. Part of her seminar should include exclusive slides of this exciting, new discovery.

Her seminar will also include slides and information on ancient rock art she has studied in Europe, Africa, Australia, and America. Subjects to be covered are: shamanistic rituals associated with rock art, the impanation theory, Kakopelli (the flute player), why this art was placed in caves and on other rock surfaces, how it was accomplished, how to record and preserve rock art, the meaning of handprints in rock art, rock art as a mean of visual communication, and a survey of available literature and archival resources.

Guest speakers from the Colorado Archaeological Society and contemporary rock artists will present short talks.

The seminar will be held on the C.U. campus. Call 444-6711 for further information and to register. Refreshments will be served, and the cost is $25.

As that woman frantically tried to start a fire, a Cro-Magnon man, walking erect, approached the table and simply gave Theena a light.
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