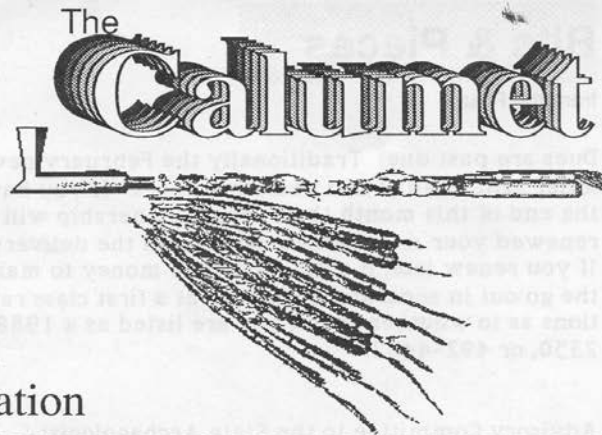




Lyons Chapter  
Colorado Archaeological Society

Conservation  
Preservation  
Education  
Exploration



**Calendar of Events**

- February 15th Free day at the Colorado History Museum.
- February 16 th Lyons Chapter Executive Board Meeting. 7:30pm at the Struthers Farm, 8439 N. 63rd. 776-2350, or 776-8907.
- February 23 rd 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 15 th A new exhibit opens at the Colorado History Museum. "A Continuing Tradition: Contemporary Navajo and Pueblo Art."
- March 22nd Lyons Chapter Executive Board Meeting. Place to be announced.
- March 29th Lyons Chapter Regular Meeting. Our speaker will Ivot 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 news letter is the last news letter sent to all of last years 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 committes 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.



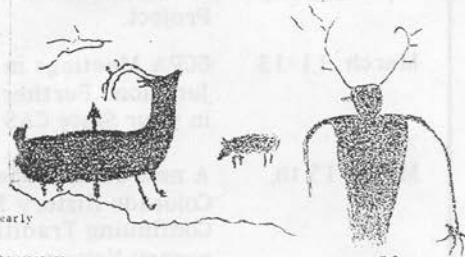
### PAAC COURSE

#### PROVISIONAL SURVEYOR MODEL

#### II. COLORADO ARCHAEOLOGY

- A. Colorado's geographic diversity and it's relationship to early cultures
- B. Man in the new world
  1. Theories and evidence concerning man's entrance into the western hemisphere.
- C. Colorado prehistory: the major cultural developments, lifestyles, and traits of early Colorado inhabitants
  1. Paleo-Indian Stage, the Big Game Hunter
    - a. Clovis
    - b. Folsom
    - c. Plano
  2. Archaic Stage, the Hunter and Gatherer
    - a. Western Archaic
    - b. Plains Archaic
  3. Formative Stage, the Horticulturalist
    - a. Plains Woodland
    - b. Late Plains Cultures (Upper Republican, Apishapa and Upper Purgatoire)
    - c. Fremont
    - d. Anasazi
  4. Proto-Historic/Historic Tribes

\*\*\*This course is a general survey of Colorado prehistory and early history. It discusses the various stages of prehistoric and historic native American development, time and regional relations, lifestyles, traits, and origins. The course is necessary for understanding cultural affiliation and cultural use of a region. Anyone remotely interested in Colorado archaeology should take this type of course.



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

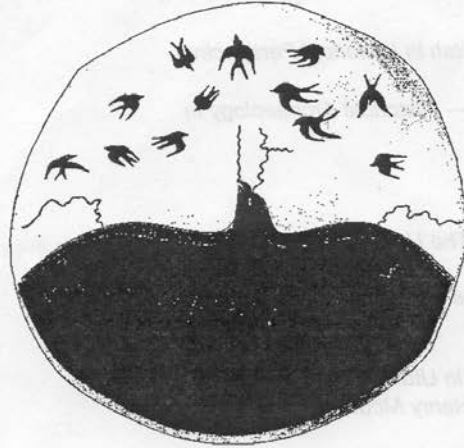
Dates: Saturdays, February 6th, 13th,  
27th  
Thursday, March 3rd

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

For more information call your Chapter  
-PAAC Coordinator or O D Hand, State  
PAAC Coordinator (866-4671)

## 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 Athearn 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 Pinenut 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*

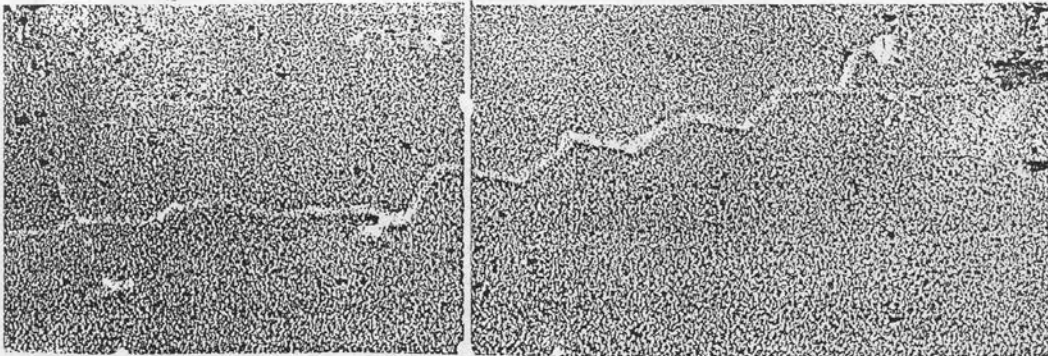
*Vol. XXI Green Spring: An Anasazi and Southern Paiute Encampment In the St. George Basin of Utah*

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.



## Desert Wind

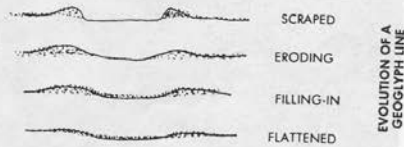
-by Leni Clubb



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 coarse 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.



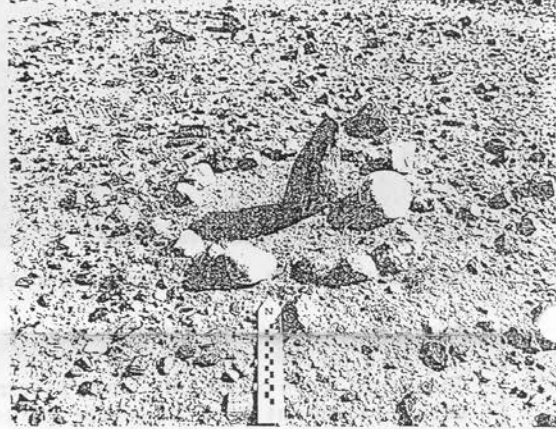


It is noted at most large, long, or complex rock alignments that stones unusual in size, color, or shape were used to join intersecting lines or were widely spaced along extended lines. The shaman probably placed these as "sighting stones", outlining the design or segment of it. The imaginary lines between 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).

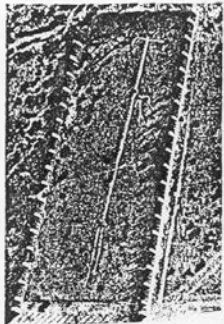


Fig. 2 - "Power ring", outer ring 25 ft. wide located on Yuha Desert near Ocotillo, CA.

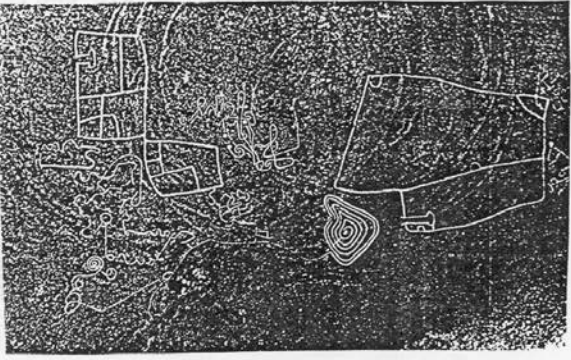
Fig. 3 Inner ring with "sighting stones"



Trails and geoglyphs lines average 35 cm wide, though variances from 20 to 50 cm do occur with both. Too, most lineal 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



Still used in ceremonies by Arizona's Pima Papago Indians, this elongated figure and its companions may be another shrine to the legend of the crosshatched Hawk. Such figures could also serve a different purpose, says rock art expert William Cicourel: "They may be part of the same fundamental impulse that urges man to carve his likeness in stone and metal, to create something valued in a lasting medium."



"It means there is always a spiritual way out of the worst plight," says Wolf of one of the enormous maze at right. "The maze goes round and round, but there is an exit, an escape hatch." The design covers an area 415 feet by 220 feet and probably was created a few hundred years ago when the local tribes began to disappear. "It was a plea for regeneration," he says. "The timing of it was important; the context didn't matter."

served a determined need.

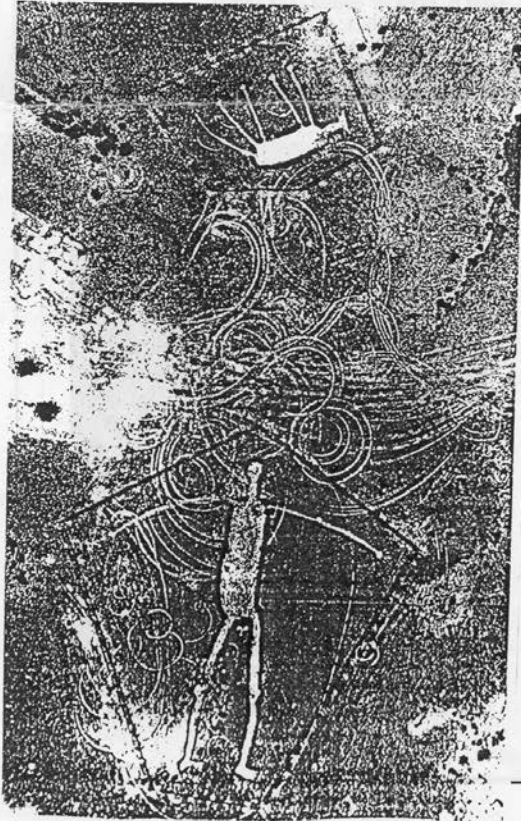
The earliest trail known in Imperial County crosses a portion of the Yuha mesa strewn with porphory cobbles which were partially cleared for the major trail. The Kwaaymii (a sub-group of the Mountain Kumeyaay) instructed youths to never stray from the trails while outside the village lest they would 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.1 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.



Scarred by tire tracks, the spectacular human and animal figures near Blythe, California, are now surrounded by fences. The animal was originally thought to be a horse, but Mohave Indians have told von Werlhof they believe it is a mountain lion. The 170-foot human effigy may represent Hic-Sk, a mythological creature who ate children and was eventually driven away by a brave. Symbolizing knowledge, water, and regeneration, the 180-foot rattlesnake below and seven smaller snakes that are not pictured have decorated the desert near Parker, Arizona, for about 200 years.



## Lyons Chapter, CAS, Executive Board For 1988

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- Co-Presidents:* Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350, 492-4482)  
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
- Treasurer:* Jeanne Hamilton, 1100 Deer Trail Rd, Boulder 80302 (443-9221)

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Lee Lacey, 2262 Juniper Ct., Boulder 80302 (442-4400)  
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- CAS Representatives:* William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
- Librarian:* Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)

## Advisory Committee To State Archaeologist:

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- Project Infor. Officer:* Ann Pipkins, 4500 19th #456, Boulder 80302 (449-0851)
- PAAC Coordinator:* Ann Pipkins, 4500 19th #456, Boulder 80302 (449-0851)
- Publicity:* Edna Collis, 2800 Kalmia #203 B, Boulder 80302 (444-0853)  
Mary Sucke, 972 Martin Rd., Longmont 80501 (772-9538)
- Ways & Means:* Pat Hatfield, 1951 Vista Dr., Boulder 80302 (449-1706)
- Youth Program:* William Maxson, 827 Maxwell #E, Boulder 80302 (447-1947)
- The Calumet Editor:* Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350)

### Indian Rock Art Seminar Slated

Boulder artist and avocational archaeologist 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 pictorials 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 also will 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 implantation theory, Kokopelli (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 means 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 444-8711 for further information and to register. Refreshments will be served, and the cost is \$25.

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



ISSUE Two, VOLUME Seven

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	Exec. Board Meeting 7:30 PM The Struthers Farm 16	17	18	19	20
21	22	Lyons Chapter Meeting Speaker Fred Blackburn 23	24	25	26	27
28	29					