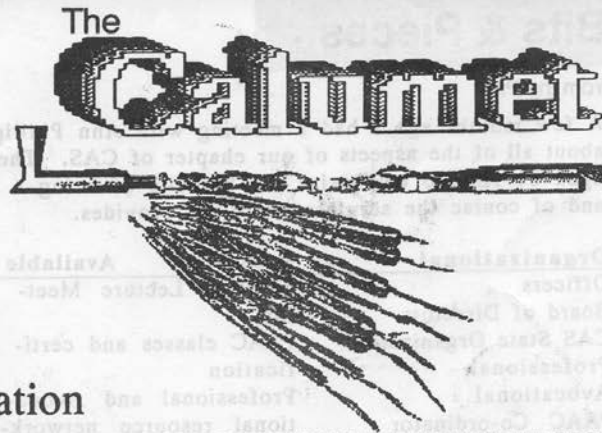




Lyons Chapter
Colorado Archaeological Society

Conservation
Preservation
Education
Exploration



Calendar of Events


- Jan. 19 1988 Lyons Chapter Executive Board Meeting. The Struthers Farm, 8439 N. 63rd. (776-2350). All 1987 Board members and new board members are requested to come.
- Jan. 23 1988 Colorado Archaeological Society Quarterly Meeting. At the University Club, CU Boulder.
- Jan. 26 1988 Lyons Chapter Regular meeting. 7:30pm room 141 Hellems CU Boulder. Our speaker will be Bill Luckus. he title of his talk is "Teaching Sherds to Speak- Time, Space Exchange."



"Someday archaeologists will attach great ritual significance to these drawings, but for right now they're just doodles."

Inside the Calumet

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Bits & Pieces

from the Prez

A few months ago I had a meeting with Ann Phillips in which we talked about all of the aspects of our chapter of CAS. The following chart was developed by Ann to emphasize the benefits of being a member of our chapter and of course the services that CAS provides.

| Organizational | Resources Available | Out Reach |
|---------------------------|--|---|
| Officers | Monthly Lecture Meeting | Boulder County Land Surveys |
| Board of Directors | PAAC classes and certification | on both public and private land |
| CAS State Organization | Professional and Avocational resource networking | Lab analysis of site material |
| Professional | Field Directors | Written reports of sites |
| Avocational | Youth Educational Program | Protecting sites from vandalism |
| PAAC Co-ordinator | Calumet | Archaeological ethical and environmental awareness |
| Field Directors | Southwestern Lore | Recording private collections using APPDAR procedures |
| Youth Educational Program | Library | Designing and delivering Educational programs |
| Calumet Editor | APPDAR | Alice Hamilton Scholarship |
| Ways and Means | Social Events | |
| Library | Christmas party | |
| Publicity | June gathering | |
| | Annual Encampment | |
| | Annual State Meeting | |

Ann developed this chart as a way to inform new members of all the functions of our chapter. I suggest however that our veteran members can also benefit from reading this chart and thinking of all of the past activities of our group. I would also like to suggest a few New Years Resolutions for our members. (I know this is very presumptuous of me but I think the Nabob would approve!)

Resolve to:

Act on one committee, (ways and means, education, writing survey reports, parties, garage sale, etc.)

Talk to one class of children on archaeology or a related subject.

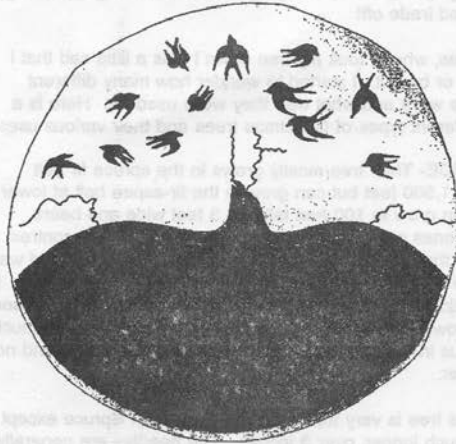
Commit to one weekend of survey each month during the field season.

Attend at least one executive board meeting this year.

Attend the State Annual Meeting.

Library Notes

By Larry Riggs



We are pleased to acknowledge our debt of gratitude to the Bureau of Land Management again this month for it's help in filling out our collection of it's Cultural Resource Series. Of the twenty volumes now out in the series we now have nine. We would like to especially thank Frederic Athearn for sending up a very heavy box from the Lakewood office of the B.L.M.. Among the titles in this group are: *Western Colorado Petroglyphs* by W.C. McKern (Vol.VIII), *Archaeology of the High Plains* by James H. Gunnerson (Vol.XIX), and *An Overview of Pre-historic Cultural Resources in Northwestern Colorado* by Halcyon La Point (Vol. XX). These are really excellent sources of information and a valuable addition to our library. By the way, you can imagine my delight when I called the B.L.M. expecting to recite my usual "Hello, I am the librarian of the Lyons Chapter of the Colorado Archaeological Society and I was wondering..." and found a fellow CAS member on the other end of the line. Mr Athearn is a member of the Royal Gorge Chapter! So it is a double pleasure to thank him for his help. Sometimes we forget that there aren't that many of us out there.

On a different note, it was also a pleasure to discover that one of our sister organizations, The Archaeological Institute of America, has a local chapter. Their membership is roughly comparable to ours and they hold meetings in Hellems Bldg. on the C.U. campus. If you are interested in knowing more about the A.I.A. it's address is: 675 Commonwealth Ave. Boston, MA 02215. You are probably already familiar with them because they publish *Archaeology* magazine (Which the library gets and you are welcome to check out) as well as the more scholarly *American Journal of Archaeology*. The A.I. A. is a large and active organization with a lot more to recommend it than can be included here, but if you want to know more about them contact the librarian. We will keep you updated in this column as to their programs in our area. Keep your eyes peeled for those old *Southwestern Lore* issues.



-by Sharon Pay

**This
months
featured
plant:**

**Christmas
trees**

Ho Ho Ho from the North Pole— would you believe that it is still cold up here? I have my suspicions that Santa Claus lives around here some place. I keep looking up to see if he is flying around in the sky and all I get are Eagles. Not a bad trade off!

Speaking of Christmas, when I took my tree down I was a little sad that I had to throw it away or burn it. I started to wonder how many different Christmas trees there were and what else they were used for. Here is a brief synopsis on different types of Christmas trees and their various uses.

ENGLEMANN SPRUCE- This tree mostly grows in the spruce fir belt between 9,500 and 11,500 feet but can grow in the fir-aspen belt at lower elevations also. It can grow to 100 feet tall and 3 feet wide and bears masses of pendant cones on the top most branches. This is in contrast to the up right cones of the fir. This is a very popular Christmas tree and was used to make spruce beer from it's needles and twigs to prevent scurvy. It was one of the Navajos favorite trees for ceremonial purposes and is used for hoops, collars , bows etc. They also used it in their sweat lodges much like we use eucalyptus in our saunas. The wood of this tree is soft and not much good for lumber.

BLUE SPRUCE- This tree is very much like the Engleman Spruce except that the cones are much longer, over 3 inches. The needles are generally larger and sharper. The Blue Spruce has been called the most beautiful of all the evergreens and is highly prized as an ornamental, and as Christmas trees. It is the state tree of both Colorado and Utah. The pioneers returning from the gold rush returned home with these trees and planted them through out the Midwest where they are still very much in evidence.

WHITE FIR- This tree is also one of the most beautiful in North America. It is also used as ornamentals and Christmas trees. It grows to about 80-100 feet tall with a trunk from 2-3 feet. It is very highly prized for Christmas trees- millions are grown commercially and harvested annually. The wood makes second grade lumber and it's seeds are eaten by grouse, chipmunks, squirrels and deer.

Of course there are many other types of Christmas trees including pine trees which have longer needles than the spruce and fir. And there are many other uses for these types of trees. Various tribes of Indians chewed the inner bark of the pine trees when they were starving or needed supplemental food. The Mescalero Apache removed the bark to obtain resin and water proof their bottles with it. And of course these trees provide nuts and seeds for many hungry animals.

There you have it. So don't feel bad about throwing away your tree.

Chances are it was one of these very popular and beautiful varieties that was grown to bring you joy at Christmas. I also have a suspicion that there is a grand nabob out in the desert (where it is warm, I'll bet) that would love to teach you how to make a pine needle basket!

Bye from Eagle.

References

- 1976 Elmore, Francis H. *Shrubs and Trees of the Southwest Uplands* Southwest Parks and Monuments Association.
- 1979 McPhee, Robert. *The Conifers of the Southern Rocky Mountains*. Farwest Trading Co.



Desert Wind

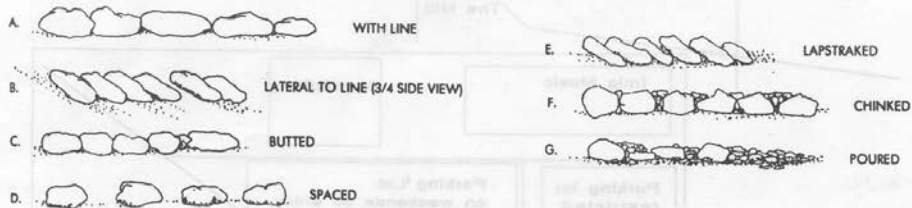
-by Leni Clubb

Earthen Art (continued...)

Ground exploration and recordation of earthen art in the American desert began with Malcolm Rogers in the 1920's. This geologist

turned archaeologist was the first to see the research potential of geoglyphs and rock alignments, which he identified with other components of such ancient cultures as the Late Pleistocene San Dieguito and such recent ones as the Late Prehistoric Yumans (Rogers 1966).

Rock Alignments: Alignments were formed usually on ancient terrace surfaces of at least cobble sized rock. A wide spread technique for assembling the material as well as to clear at least a partial space for the design was to stockpile gathered stones into collecting stations similar to cairns. Not all the gathered stones were used, however and deflated stockpiles are commonly noted several meters from the design. At some sites the stones were collected from both sides as the design was gradually extended, while at other sites the Natives gathered material along only one side of the intended design. The technique for constructing alignments were quite varied. The most commonly noted is the butted technique in which boulders, cobbles and sometimes even pebbles were placed directly against one another. Another technique was to leave a gap between the boulders or cobbles, giving an airy effect to the design. This was a very common technique in constructing rock rings but was rarely used in forming large alignments. Other techniques were Lapstrake, Chinked, or Poured. (See Fig. 1)



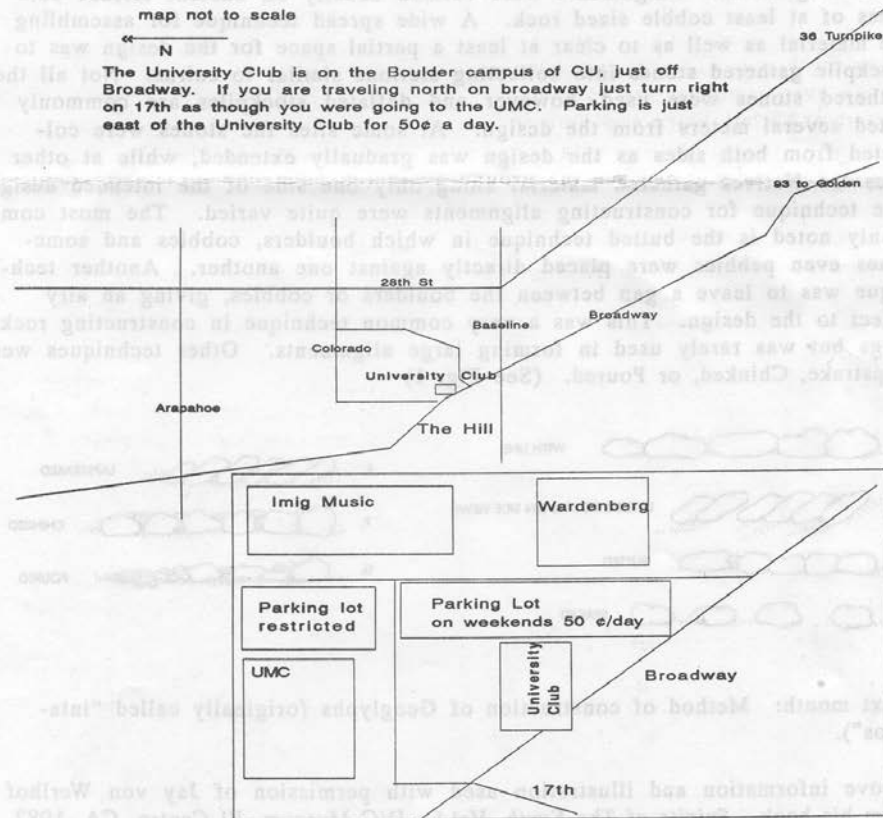
Next month: Method of construction of Geoglyphs (originally called "intaglios").

Above information and illustration used with permission of Jay von Werlhof from his book, *Spirits of The Earth*, Vol.I, IVC Museum, El Centro, CA, 1987.

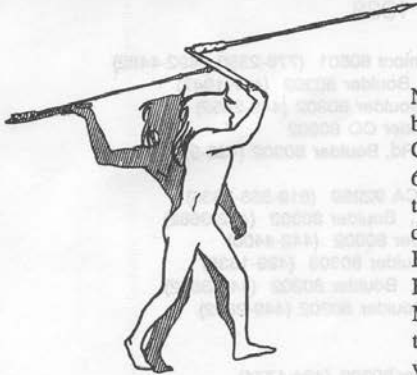
- Complete your PAAC certification.
- Attend more PAAC classes.
- Read at least three books in our Library (after one you should be hooked!).
- Talk to at least three friends or acquaintances about CAS and encourage them to attend a meeting or join.

And finally resolve to be more active in our chapter and in the State Organization. If each member would choose at least two of these resolutions, and would act upon them we would have the most active chapter in the state, and the members of the executive board would walk around with sappy smiles on their faces!

The first quarterly CAS meeting of 1988 will be on Jan. 23, and will be held at the University Club on campus. This is a great opportunity to see how the state organization functions. Please come if you are interested.



ATLATL NEWSCLIP from the GRAND NABOB



Now that it is January 1988 and you are all buried in several feet of snow back there in Colorado while we are basking in sunny 50°-60° weather, I feel it is urgent to remind you that in six months and approximately four days we will beat the drums for the BIG EVENT of the year- The Third Annual CAS Encampment And Atlatl Contest. Marcia Tate, 1987 President of CAS, will be the 1988 Encampment Coordinator. She is working on securing an area on the Eastern Slope for this summer event that we all look forward to - especially me- your so called

Nabob. With the help of several of our former scorekeepers, we are slightly revising the rules of the contest and will have them distributed prior to July. (One hint - we will probably have a "Hi-tec throw".)

I may even compete this year with my new atlatl that Bill Tate gave me. Also I start an Atlatl Workshop here in Ocotillo next week and one of my neighbors who is very skillful with wood may come to compete also. So, as soon as you can see the ground again (chuckle, chuckle) start practicing!!

Leni

PAAC News

There is a new PAAC class starting this Jan. It is the Lithic Lab. It will be held the last three Thursdays of each month starting with the 14th of this month. The classes will be held from 7:00 - 9:30 pm in Denver at the Colorado Historical Museum. If you would like more information regarding this class call Ann Pipkins at 449-0851, or you can call OD directly at 866-4671.



Still in its early stages, the Ocluvai Pothole claims its first victim.



Lyons Chapter, CAS, Executive Board For 1988

Officers:

- 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, 1000 Deer Trail Rd, Boulder 80302 (433-9221)

Standing Committee Chairpersons:

- Directors:** Leni Clubb, P.O. Box 56, Ocotillo, CA 92259 (619-358-7835)
William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
Lee Lacey, 2262 Juniper Ct., Boulder 80302 (442-4400)
Cleo Barnes, 801 Gillaspie Dr., Boulder 80303 (499-1335)
- CAS Representatives:** William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
- Librarian:** Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)

Professional Advisor:

Advisory Committee To State Archaeologist:

- Professional:** Tom Meier, 2850 Vassar Dr, Boulder,80303 (494-1774)
- Avocational:** Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)
- Field Directors:** Robin Farrington, 704 Mohawk #5, Boulder 80303 (499-1582)
Laura Viola, 2857 Shadow Creek Dr., Boulder 80303 (442-2019)

Project Infor. Officer:

- 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:

The Calumet Editor: Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350)

THE FAR SIDE

By Gary Larson

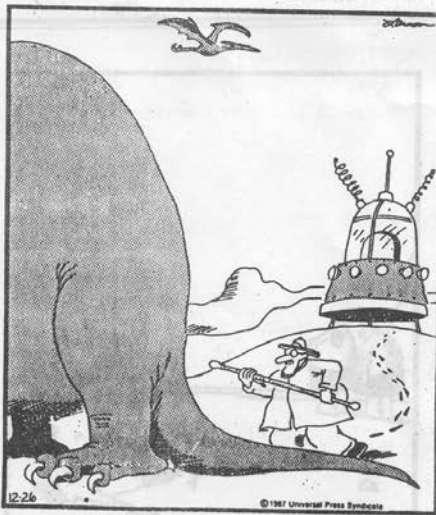


Rocking the anthropological world, a second "Lucy" is discovered in southern Uganda.

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THE FAR SIDE

By Gary Larson



An instant later, both Professor Waxman and his time machine are obliterated, leaving the cold-blooded/warm-blooded dinosaur debate still unresolved.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---|-----------|----------|-----------------------------|-----------------------------|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | Exec. Board Meeting 6PM The Struthers Farm | 20 | 21 | CAS Quarterly meeting 22 | CAS Quarterly meeting 23 |
| 24 | | Lyons Chapter Meeting Bill Lukus | 27 | 28 | 29 | 30 |
| 31 | 25 | 26 | | | | |

Lyons Chapter Of The Colorado Archaeological Society

1988 Membership Dues.

Membership in the Lyons Chapter runs concurrently with membership in the Colorado Archaeological Society with payment of dues.

Individual (\$15) _____ Family (\$22) _____

New Member _____ Renewal _____

Name: _____
(If Family, List All Names)

Address: _____ Phone _____

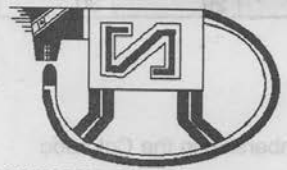
Yes, I want to contribute to the Alice Hamilton Scholarship Fund. _____

Amount \$ _____

Mail checks and application to Lyons Chapter, CAS, P.O. Box 663, Niwot, CO 80544
Make scholarship fund check payable to: Alice Hamilton Scholarship Fund.



| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|-----------|----------|--------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |



LYONS CHAPTER, CAS
 P.O. BOX 663
 NIWOT, CO 80544



Leni Clubb & Hallie Cash
 P. O. Box 56
 Ocotillo CA 92259

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