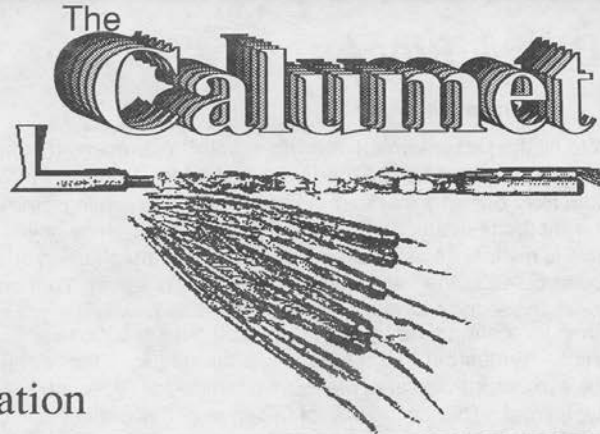




Lyons Chapter
Colorado Archaeological Society

Conservation
Preservation
Education
Exploration



Calendar of Events

- Dec. 5 Dr. Mort Turner will give an INSTARR Noon Seminar on "Geoarchaeology and Glacial Geology in Southwestern Montana. Litman Research Laboratory, 1560 30th ST, 2nd Floor Seminar Room.
- Dec. 7 Cottage Candle Light Tour, presented by the Colorado Historical Society. The tour will focus on the Denver Museum of Miniatures, Dolls and Toys. 5:30 to 7:30 at the Pierce McAllister Cottage, 1880 Gaylord St., Denver. The cost is adults \$6, Children and seniors \$3.
- Dec. 10 Christmas Party. 7pm. Rick and Sue Lippincott have kindly offered to host the party at the Friendship Hall in Erie. The party will be a potluck affair so bring your favorite dish to share with others. We also have the tradition of the gift raffle. Everyone brings a small gift, usually home made, to the party. We then draw for the gifts. 1989 officers will be installed at this function, so please come and offer your support.
- Dec. 16 Laternlight Tours, presented by the Colorado Historical Society. Experience the Baca House as it would have looked in the 1870's. 7:00 - 9:30 pm at the Baca House, 300 East Main St., Trinidad. Cost is \$1.25.
- Jan. 14 The first quarterly meeting of State CAS, in Cañon City. More information will be mailed to Board, and Advisory committee members. However all members of CAS are welcome, so if you wish more information on the location and times, call Bill Maxon after the first of the year.
- Jan. 24 The first Lyons chapter Executive Board meeting, 7:30pm at the Lacey's home, 2262 Juniper Ct., 442-4400. As this is the first meeting of the year it is very important that all of last years board members show up to help train the new members.
- Jan. 31 The Lyons Chapter regular meeting. The Speaker will be announced in the January Calumet.

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Bits & Pieces

from the Prez

We hit the jackpot on articles this month! We received information from Jean Kindig and Larry Riggs here in Boulder, from Leni in California, and from our only member in Rock Springs Wyoming, Barry Beausoleil! I want thank everyone for contributing to this months newsletter. As this is my last newsletter I would also like to thank everyone who has contributed to the newsletter for the last two years! Your contributions have made the newsletter successful! The newsletter will be taken over for a short time by Rick Lippincott, so keep those articles coming in, but send them to Rick. Remember that the dead line for articles is the twenty fifth of the month before! It will be even more critical to meet the deadline for Rick as he is doing the newsletter on a typewriter. Thanks to Rick for taking over this project.



The Christmas Party will be on Dec. 10th at 7pm. Rick and Sue Lippincott have kindly offered to host the party at the Friendship Hall in Erie. The party will be a potluck affair so bring your favorite dish to share with others. We also have the tradition of the gift raffle. Everyone brings a small gift, usually home made, to the party. We then draw for the gifts. Its a fun way to share with your friends. We also will have the ceremony to install the officers for 1989. It is a great time to review our accomplishments of 1988 and to prepare for the year to come.

During the November business meeting we elected the officers for 1989. The current slate of officers is as follows:

President:	Bill Maxon
Vice President:	Bill Boyle
Secretary:	Ann Phillips
Treasurer:	Jeannie Hamilton

We still have many positions on the executive board which have not yet been filled. Bill Maxon, our 1989 president would also like to set up calling and newsletter committees, and other committees to help the officers with their jobs. He will be calling people to request help, so please when he calls be willing to do some work to keep your chapter going. These committees should all be relatively painless and should not take a great deal of time.

Dues are Due! Please send your dues for 1989 now. This will enable us to budget money for next year. We have both family and single memberships. The newsletter and South-western Lore on family memberships however can only be sent to one address, and only one per family.

Welcome New Members

Delany Barlday
762 Ithaca Dr.
Boulder, CO 80303

Rosemary Scheuring
1295 D Bear Mountain Dr
Boulder, CO 80303

Belize in March

Belize Study Tour March 25- April 1, 1989, with an opportunity to visit Tikal in Guatemala April 1-3.

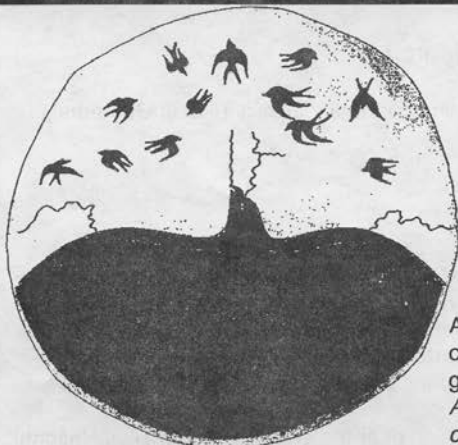
Cost- \$1075 From Houston
\$330 to Tikal

The group will stay at the Tropical Learning Center at Point Palencia on the beach in Belize. There are a number of unexcavated Mayan ruins in Belize, a few of which the group will have the opportunity to explore followed by a lunch or dinner with a Mayan mountain family. Other Activities to be included are visits to the Jaguar Reserve, Creole and Carib villages, as well as swimming or snorkeling off the beach, the cays, or off the boat at the Belizean Barrier Reef.

Those who elect to go to Tikal will stay at a small inn near the entrance to the Tikal National Park and will walk through the excavated ruins with a Mayan guide.

Write or phone for a brochure from tour leader Barbara Gigone -443-5370 - Four Mile Canyon, Boulder, CO 80302 or Jean Kindig 442-2581 - 714 Kalmia Boulder, CO 80302, who will accompany the group. Arrangements are being made through the Boulder Travel King, Base Mar Center.





Library Notes by Larry Riggs

A major acquisition for the library this month came from our member Dock Teegarden. Dock gave us nine books: *An Introduction to Anthropology*, *Physical Geology and Man*, *Geology* by Wm. C. Putnam, *Geology An Introduction*

(both first and second eds.), *Principles of Geology* by Gilluly, Waters and Woodford (both first and second eds.), *Physical Geology* by Left and Judson, *Geology Today* by Bickford, Bolt, et. al.. Our physical science section is greatly enhanced by this gift. Dock also gave the library back issues of *Science and Man*, *The Uranium Prospector*, and *American Outdoorsman*, and *Desert Magazine for the Southwest*. There is just too much information in these magazines to itemize here, but suffice it to say that there is a wealth of information about geology, mineralogy and ethnography of the southwest. The library is very appreciative of these gifts. Thank you Dock.

Our new member Joe Patz gave the library a copy of Arizona BLM Cultural Resource Series No. 2, *The Archaeology of Southeast Arizona: A Class I Cultural Resource Inventory* by Bronitsky and Merritt. This is an excellent introduction to the area, containing a good bibliography and maps. Thank you Joe.

From the BLM we received *Habitat in the Past: Historical Perspectives of Riparian Zones on the White River* by Frederic J. Athearn. This is the new Cultural Resource Series Number 23. The BLM has begun a policy of charging for their publications but the prices are reasonable. The library has a list of what is available. Thanks Rick.

Another extremely valuable contribution came from our member Tom Meier. He donated an entire day of his time to help go through the C.U. Museum's collection of cards in their site file and then copied them and donated them to the library for the Boulder County project. Some of the cards go back to the fifties, some are quite recent. This information is very much appreciated. Thank you Tom.





Desert Wind by Leni Clubb

The Atlatl in Rock Art

This most ancient of man's specialized weapons has been called a spear-thrower, dart-thrower, throwing board, throwing stick and a spear sling. The name widely used today in North America is Atlatl, a Nahuatl word used by the Toltecs and Aztecs, both members of the Uto-Aztecan language family.

Our knowledge of this ingenious weapon comes from two main sources - one archaeological and the other ethnological. Representatives of the weapon occur frequently in Pre-Columbian art, in bas-reliefs, codices and pottery. In Australia and North America, the Atlatl appears in many rock paintings and petroglyphs. The ethnological records come from accounts of the conquistadors and early explorers as well as anthropologists who have studied the historical occurrences of the weapon.

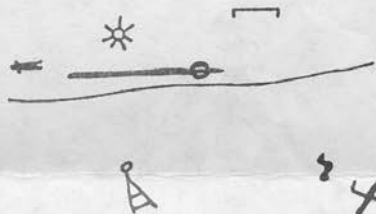
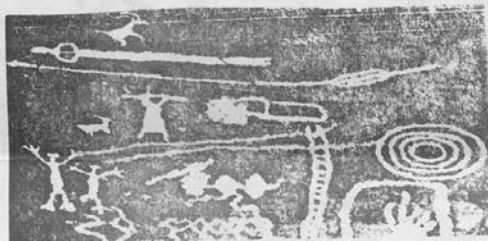


Figure 1. Petroglyphs, Atlatl Rock site, Valley of Fire, Nevada.

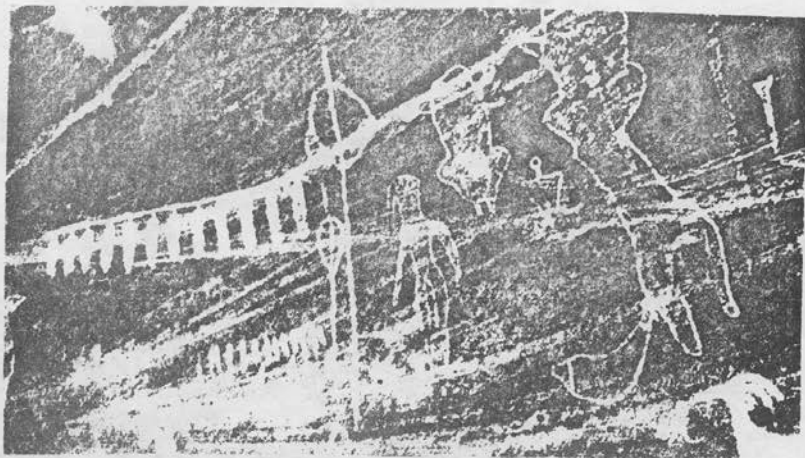


Figure 2. Pictographs, Grand Gulch, Utah.

There is not one single instance of the spear thrower in Paleolithic rock art, but paintings from rock shelters in eastern Spain that have been dated from the Mesolithic to early Neolithic times, (roughly from 10,000 to 7000 BP) show many hunters in poses shooting deer and ibex with bow and arrow. In time the bow and arrow had been superseded by the bow and arrow. In time the bow and arrow would be universally adopted in all parts of the world except Australia.

There can be little doubt that when man first entered the New World, he brought the atlatl with him. Estimates vary widely as to when this first took place, but a conservative date of around 15,000 BP, would make it contemporaneous with Magdalenian man in Europe and long before the invention of the bow.

Continued next month. The Atlatl - The Archaeological Record.

(All information and figures 2&3 from an article by Campbell Grant in Vol. 15, No. 1, *Pacific Coast Archaeological Society QUARTERLY*, Jan. 1979; Figure 1 Petroglyph photos of Atlatl Rock from unknown Publication. Pictograph photos of Site 31, Grand Gulch, from *Petroglyphs and Pictographs of Utah*, Kenneth B. Castleton, 1979.)



Figure 2. White rock painting of Mini spirit with spear-thrower and harpoon, Campbell, northern Australia. Redrawn from Mountford (1956).



"You have a small capacity for reason, some basic tool-making skills, and the use of a few simple words." ... Yep. That's you."

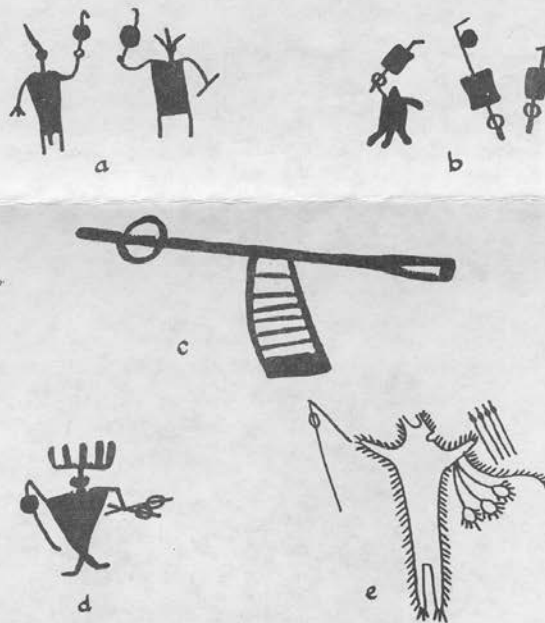


Figure 3. The Atlatl in North American Rock Art. a, Petroglyphs, Coso Range, southeastern California. After Grant et al. (1969). b, Petroglyphs, southwestern Minnesota. After Lothson (1976). c, Petroglyph, southeastern Utah; d, Petroglyph, southeastern Utah. From Don Martin photo. e, Painting, Lower Pecos River, Texas. Drawn from David Gebhard photo.

Lyons Chapter, Colorado Archaeological Society: Executive Board Meeting, November 22, 1988. 7:30 PM.

Attending: Bill Boyle, Jeanne Hamilton, Lee Lacey, Bill Maxon, Ann Phillips, Sue Struthers.

Treasurers report: \$383.40 in our account. Bill Maxon agreed to do a routine audit after the first of the year.

Officers: Pat Hatfield withdrew her name from the nomination for Secretary, and Ann Phillips agreed to fill that position for another year.

Board of Directors: Leni Club has offered to continue serving on the board of directors.

Newsletter: Sue Struthers has done a better than superb job as Co-President, Field Director, member of the advisory committee, and Calumet editor!!! We owe her a great deal of thanks. We discussed the easiest and most effective way to publish the Calumet without Sue's talent for writing, choosing great cartoons, graphic design, and expert graphics. Rick Lippincott has agreed to be editor, which means that all of the news reports will be given to him by the 25th of each month. Rick will simply need to assemble the newsletter, and appoint a committee to take it to and from the printers, pick it up from the printers, collate it, and attach the pre-printed address labels which will have been sent to Rick by Jeanne Hamilton.

Educational Committee: A beautiful Atlatl was presented to this committee by Lee Lacey. The committee is assembling items for demonstrations in the classroom. We will soon be awaiting calls from the schools.

New Business: The Lyons Chapter is considering hosting the April Executive Board Meeting. No decision was made at this time.

Lyons CAS pot luck Christmas Party will be held Dec. 10 in Erie at the Lippincotts.

Regular January Meeting, January 31, a special meeting in Erie with Sue Collins, the Acting State Archaeologist, will be our Speaker. Refreshments will follow this meeting.

Due to the difficulty in parking on the CU campus, the possibility of changing the meeting place was discussed. Suggestions are welcome.



"It's Bob, all right ... but look at those vacuous eyes, that stupid grin on his face —he's been domesticated, I tell you."



"Come and get it! Cooooome and get it! ... It's not going to get any more raw, y'know."

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Lyons Chapter, CAS, Executive Board For 1988

Officers:

Co-Presidents: Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350, 776-8907)
 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 (449-5627)
Treasurer: Jeannie Hamilton, 1100 Deer Trail Rd, Boulder 80302 (443-9221)

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)
 Richard & Sue Lippincott, PO Box 8, Erie, 80516 (828-3144)
CAS Representatives: William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
Librarian: Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)
Professional Advisor: Frank Eddy, University of Colorado Anthropology Department

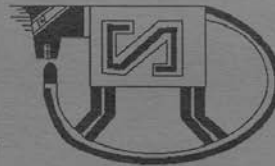
Advisory Committee To State Archaeologist:

Professional: Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350, 492-4482)
Avocational: Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)
Field Directors: Bob Mutaw, 3000 Colorado Ave #117, Boulder 80303 (449-6832)
 Laura Viola, 2857 Shadow Creek Dr., Boulder 80303 (442-2019)
 Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)
 Sue Struthers, 8439 N 63rd, Longmont 80501 (776-2350, 492-4482)
 William Maxson, 827 Maxwell #E, Boulder 80302 (447-1947)
Project Infor. Officer: Ann Pipkins, 4500 19th #456, Boulder 80302 (449-0851)
PAAC Coordinator: Ann Pipkins, 4500 19th #456, Boulder 80302 (449-0851)
Publicity: 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)

According to the By-laws of the Lyons Chapter, Colorado Archaeological Society, the officers and chairpersons of the Standing Committees are voting members of the Lyons Chapter Executive Board.

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

Name(s) _____

Address _____

Phone numbers _____ (h) _____ (w)



Sampson's Garage



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



Hallie Cash & Leni Clubb
PO Box 56
Ocotillo CA 92259