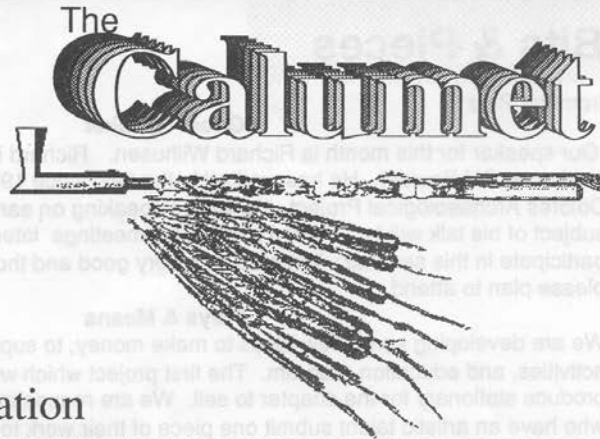




Lyons Chapter
Colorado Archaeological Society

Conservation
Preservation
Education
Exploration



Calendar of Events

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

April 19 Lyons Chapter Executive Board Meeting, at Pat Hatfield's house, 1951 Vista Dr. Boulder.

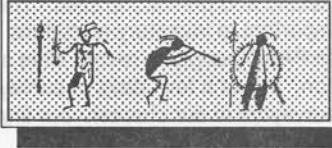
April 23 First day of survey at Beech Aircraft. The Field Directors will have all of the information after the executive board meeting.

April 26 Lyons Chapter Regular Meeting, 7:30PM, Room 141 Hellems. Our guest speaker will be Richard Wilhusen. The title of Richard's talk titled "Un-stuffing the Estufa: Ritual Features in Pueblo Pit Structures, A.D. 850-1900".

April 27 The Archaeological Institute of America Will present a lecture by Professor Thomas W. Jacobsen, "Man and the Sea in Prehistoric Greece". Fine Arts N141, 8:00..

April 30 The Fort Collins Chapter has a field trip the the Dent site. To sign up for this field trip call Joel Hurmence at 223-8393 (eve.) or 229-3123 (day). They will meet at the southwest door of the Candalaira building on the UNC campus in Greeley, at 10am. This building is located at the corner of 17th and 20th.

Inside the Calumet	
Bits and Pieces.....	2
Library Notes	3
Desert Wind.....	5
The Far Side.....	8



Bits & Pieces

from the Prez

Guest Speaker

Our speaker for this month is Richard Wilhusen. Richard is currently a graduate student at CU Boulder. He has worked in the field since 1976, most recently on the Dolores Archaeological Project. He will be speaking on early ritual structures. The subject of his talk will be covered at the SAA meetings later in the week, Richard will participate in this seminar. It should be a very good and thought provoking lecture, so please plan to attend.

Ways & Means

We are developing some new ideas to make money, to support our newsletter, field activities, and education program. The first project which we are beginning is to produce stationary for the chapter to sell. We are requesting that all of our members who have an artistic talent submit one piece of their work to be reproduced on stationary. The art should relate to Archaeology, or have an Indian or environmental theme. Art could be anything along these themes, artifact drawings, plants, rock art reproductions, or what ever you have! This is your chance to show off your special talent! Please help your chapter develop these cards! Send all art work to Pat Hatfield, 1951 Vista Dr. Boulder.

The Garage sale committee has been set up and we plan to have a sale sometime this spring. So save your goodies for the sale! These Garage sales are the best way we have to raise a lot of money in a very short period of time! More information will follow, but please look through your white elephants for donations to the cause.

Membership Information

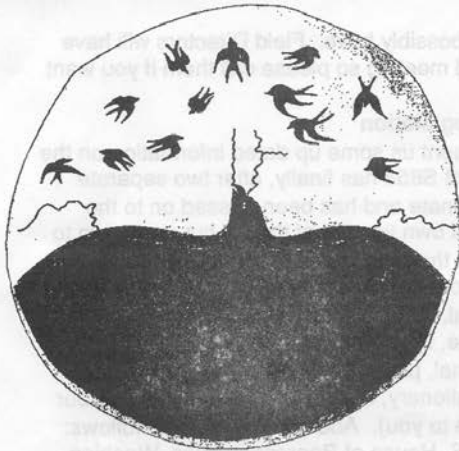
I must apologize to all the members, my computer barfed up all of the membership information, so things have been running roughly lately. If you don't receive your newsletter or Southwest Lore (that is if you have renewed your membership), please let me know and I will correct the information on the computer.

Also I will have the complete membership list completed soon, all out of state members will be sent a copy, but the rest of the members will have to pick up their copy at the monthly meetings. Jeannie has the membership cards, and she will also be handing them out at the monthly meetings.

Field Season

We have two very exciting projects planned for this field season. The first is Larry Riggs baby, and consists of recording all of the historic graphitti on the White Rocks Wild Area. He will be covering both the private land and the county land, this is a first for this area. The access is by permit only and will therefore be very restricted. The second project is of course the survey of Beech Aircraft. We have 500 acres to survey. We already know that there are paleontological deposits, as well as possible historic and prehistoric sites. The area has never been surveyed before so it is very important to inventory all cultural resources. This will be an excellent opportunity for all PAAC people to record sites and thereby finish the requirements for their certification. In just a few days of survey we may be able to double the number of certified surveyors in our chapter. our first scheduled day in the field will be April 23 rd. We





Library Notes By Larry Riggs

The Chapter library contains over 100 books on archaeology, anthropology, Wild life, cultural resource management and other related subjects. This is just one aspect of the library, however. It also contains a collection (which we are always trying to expand) of *Bureau of Land Management Cultural Resource Series* publications for Colorado, Wyoming, Utah, and Arizona. It contains a set of our CAS journal *Southwestern Lore* that is virtually complete from the present back to 1951 (thanks to Ivöl). It has a set of *Resource Protection Planning Process* (RP3's) books. These come from our office of Archaeology and Historic Preservation (OAHF) at the Colorado History Museum. The library also has current and some back issues of *Archaeology*, *The Museum of Fur and Trade Quarterly*, *Plains Anthropologist*, and the *Society for American Archaeology Bulletins*. Last, but not least, the library has current and back issues of our sister chapters of CAS various newsletters. As you can see, you can get a lot of information out of your chapter library. It is one of the advantages of your membership in CAS and you are encouraged to use it and to help it grow. We are beginning a new project which I'll call the Black Book. This is essentially an address book for the chapter. We want to start collecting names, addresses and phone numbers of anyone who could be of help to

us: Potential speakers, teachers, land owners, archaeologists, conservation personnel, museum personnel, interesting old timers, possible publicity people, historical and archaeological societies, National Monuments, museums, you name it. The idea is to broaden our base of information and strengthen our programs for our membership. Obviously, this thing will only be as good as we make it, but, probably every person in the chapter knows someone that would be a valuable addition to The Black Book. Think about it and then, like they say in the ad's, "Go ahead—send it in." A strong address book will make a stronger chapter.

Meanwhile, back in the stacks.... The library has some new additions. Paul Heinrich, our man in Baton Rouge, donated a copy of the *Geological Survey Bulletin "Geology of the Littleton Quadrangle Jefferson, Douglas, and Arapahoe Counties, Colorado"*. To quote from Paul's letter, "It contains a considerable amount of background information concerning the environment, Holocene terrace deposits (which contain buried sites), geologic units that contain raw lithic materials (e.g. the basal Dawson Arkose contains abundant chert gravel that could have been used to make artifacts), and local geomorphology." The library has a few others in the Geological Survey Bulletin series and this helps to fill one of the many gaps— Thanks Paul.

From the good folks at the Arizona Bureau of Land Management comes the Cultural Resource Series No. 5, *People of the Desert, Canyons and Pines: Prehistory of the Patayan Country in West Central Arizona*. If you have read this column for very long you know how much I like these Cultural Resource Series books and the people in Arizona do it right— excellent bibliography, tasty illustration, good, detailed maps. It does you good to see your tax money spent so well. the author is Connie L. Stone on this one.

Finally, we want to thank our own Colorado BLM for sending us copies of the last two books in our own Cultural Resource Series. *The Mocking Bird Mesa Survey*, by Jerry Fetterman and Linda Huneycutt. and *An Analysis of the Prehistoric and Historic Rock Art of West-Central Colorado* by Sally Cole. We want to especially thank Rick Athern of the Lakewood office who has been sort of a guardian angel for us in working up this section of the library. It would be hard to overestimate the value of this series of books. For good, current, accurate information with the aforementioned swell bibliographies, illustrations, etc., you just can't beat them.

(cont. from pg 2)

need all of the bodies in the field that we can possibly have. Field Directors will have all the information by the next executive board meeting so please call them if you want to survey.

Shipwreck Legislation

Our man in Baton Rouge, Paul Heinrich has sent us some up dated information on the Shipwreck Act. The Abandoned Shipwreck Act S858 has finally, after two separate holds by two different senators, passed the Senate and has been passed on to the House of Representatives. The House has it's own version of the bill but according to the information in the Jan. Bulletin of the SAA, the version of the bill just passed by the Senate is the better version. Also for the bill to become law both of the version passed by the Senate and the House must be identical. So the battle for this bill is not over yet. To help get this version to pass the House, become active by writing your representative. The letter should be on your personal, professional, or organizations stationary (yes the Lyons Chapter does have stationary, if you want some to write to our representative let me know and I will get some to you). Address the letter as follows: Honorable (Full name of representative), U.S. House of Representatives, Washington D.C., 20515. They suggest that in the letter you explain that the bill is well balanced, and clearly addresses the jurisdictional issue, and that it also deals fairly with the management for abandoned shipwrecks. If you are wondering why this bill is important to you as a person interested in Colorado Archaeology, and why you should take the trouble to support it, it is important to remember that this bill is the first bill passed that provides for the legal protection of a site, not just the artifacts within the site. This will help us persecute pot hunters for the destruction of sites, not just for the theft of artifacts. So Please Take The Time To Write. Remember the bill is the Abandoned Shipwreck Act, S858.

Classes Offered

There are many classes, seminars and field experiences available this summer. I will give a short outline of the information which I have received at this time. If you need more information than is in this newsletter feel free to call or write to me and I will give you all of the information that I have.

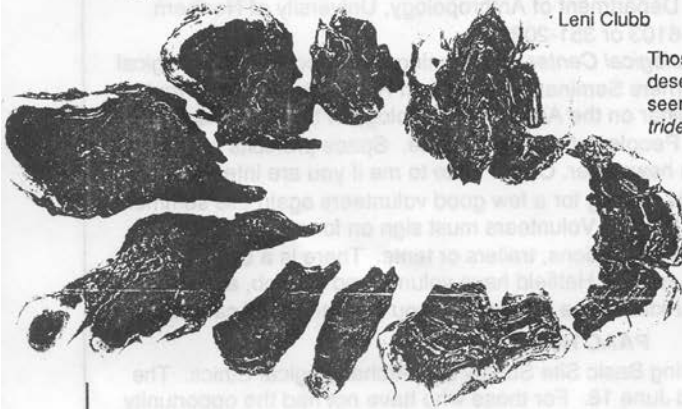
Rocky Mountain Archaeology taught by Michael Burney (it should be loads of fun as well as informational!). The focus of the class is the archaeology of Rocky Mountain National Park, and will feature visits to sites in and around the park. The class runs from June 5 to June 9, the cost is \$150 and will be held at Hidden Valley. For more information call (303) 586-2371 ext 294, or write to: Seminar Coordinator, Rocky Mountain Nature Association, Rocky Mountain National Park, Estes Park, Colorado 80517. I also have a copy of the registration form which I will photocopy for anyone who wants it.

I have the entire catalog for the *White Mesa Institute of Southwestern Studies*. They have several very interesting courses which would be great to take. If you want info let me know. They also have trips planned which Ann Moller is coordinating. One is May 22-28 and is a *back-pack trip into Canyon De Chelley*, The other is a *jeep trip into Canyon Del Muerto*, Sept 2-4. If you want any information on these two trips contact Ann Moller, 127 Wild Tiger Road, Boulder, CO 80302, 444-2050.



Desert Wind

Leni Clubb



Those of you who have traveled across the deserts of California, Arizona, and Texas have seen the ubiquitous Creosotebush (*Larrea tridentata*) which bursts into myriad yellow

flowers in April and May. These are followed in a short time with equally spectacular fuzzy white seed balls making the bushes appear to be covered with a light frosting of snow. After a rain, the plants give off a musty, resinous odor which is the basis of the Mexican name "Hediondilla" (freely translated, "Little Stinker"). Lac occurs as a resinous incrustation on the branches, and was used by the Indians for fixing arrow points.

Leaves of the Creosotebush are covered with a "varnish" which often glistens in the sunlight and helps reduce evaporative moisture loss thus enabling the plant to resist the effects of hot dry winds.

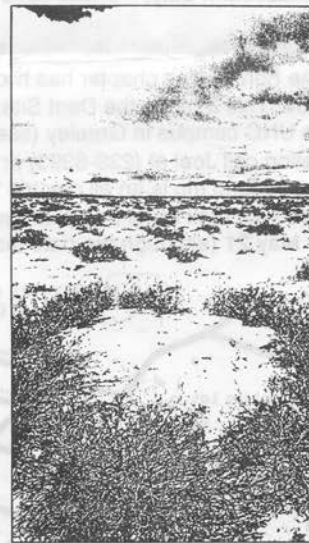
The world's record for longevity goes to the large circular creosotebush 50 feet in diameter in the Mojave Desert of California. The peculiar circular growth pattern can be explained by the examination of the fragmented stump of a small shrub (see photo reproduction above). As the segments continue to grow outward (away from the center), they produce new branches along their outer edges. Over thousands of years the central wood dies and rots away, leaving a barren area surrounded by a circular ring of shrubs. It has been estimated that the oldest ring started from a seed nearly 12,000 years ago.

During the shrubs lifetime, the last major period of glaciation in North America came to an end; the great pyramids were built; the first human walked on the moon; and the spaceship Columbia orbited the earth. **And this shrub is still living!**

We have two of these shrubs in our cactus garden. They are over 8 feet tall and show signs of dividing at the base as there are many branches emerging from the same area. We can't help but wonder how old our creosotebushes are and if the Indians up in the mountains behind us came down to gather the resin from our bushes hundreds of years ago.

References:

- 1988. Ancients of the Southwest, *Westways*, Feb.
- 1954. *Flowers of the Southwest Deserts*, Natt Dodge, March.



Wayne P. Armstrong

The main stump of a creosote bush (top) often splits into sections as the center rots away, forming a peculiar ring. Creosote (above) is found in abundance in California's ruggedly beautiful Mojave Desert.

(cont. from pg 4)

University of Northern Colorado Field School, June 4-11. They will be testing and excavation of two late Archaic/Plains Woodland sites in the foothills west of Loveland. Both undergrad, and graduate credits will be given. For more information call Robert H Brunswig, Jr., Sylvan Dale Archaeological Project, Department of Anthropology, University of Northern Colorado, Greeley, CO 80639, 353-6103 or 351-2021.

The people at Crow Canyon Archaeological Center are planning four special archaeological field seminars. They are 1) Four Corners Seminar, 2) San Jaun River Trip/ Rock Art and Archaeoastronomy Seminar, 3) Seminar on the Art and Archaeology of the Southwest and 4) Seminar on Spain and the Pueblo Peoples of the Rio Grande. Space prohibits me from including all of the information in this newsletter. Call or write to me if you are interested.

Routt National Forest Bob Nykamp is looking for a few good volunteers again this summer to help surveying the Routt National Forest. Volunteers must sign on for at least a two week period, and will be housed in guard stations, trailers or tents. There is a basic subsistence of \$12/day. Both Ann Pipkins and Pat Hatfield have volunteered for Bob, and they could give anyone interested a better idea of the program. If you are interested call me.

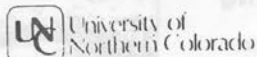
PAAC News

The Fort Collins Chapter will be hosting Basic Site Survey and Archaeological Ethics. The classes will be May 21, June 11, and June 18. For those who have not had the opportunity to take this class, this will be the soonest the class will be offered in our area! To sign up contact John Slay, PO Box 9576, Ft Collins, 80525 (223-3904).

Field Trips

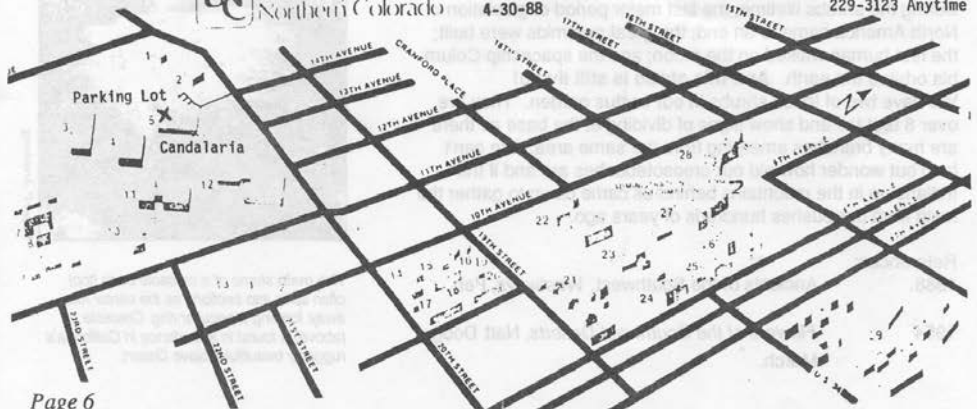
The Fort Collins chapter has two field trips which should be fun. The first trip is on April 30th. This a trip to the Dent Site, and will be lead by Robert Brunswig. Meet at 10am on the UNC campus in Greeley (see map below). To sign up for the trip and for further information call Joel at (233-8393) or (229-3123).

The second trip is an all day trip to Eagle. Larry Wood will lead the group to a eagle trap, a cave with rock art, a tree platform, and possible defensive structures. The trip is scheduled for May 21 (although the date may change). So call Joel for more information.



X Meet at SW Door of Candalaria at 10:00 AM 4-30-88

Call Joel to Sign-Up 223-8393 Eve 229-3123 Anytime



SWALLOW '88

ALL-CAS DIG

April 30 through June 30

The SWALLOW site, 5JF321, will be open for excavation this summer for a period of two continuous months ONLY! Members of all Colorado Archaeology Society Chapters have been invited to assist with excavation at this major site.

The work week will basically be Saturday through the following Friday. However, once registered, members may work in increments of one day at a time or 60 days in a row. (Participants must state their intention at time of registration.)

Registration fees are as follows: Individuals, \$15. Married couples, \$20. Children between 10 and 18, \$7.50. Fees will go into a discrete SWALLOW '88 fund to be used for dig expenses. Any leftover money will be used solely for SWALLOW carbon-dating, pollen analysis, publication, etc.

Martin-Marietta has give permission to work on their property for this field season. NO CAMPING. NO CHILDREN UNDER 10. NO PETS.

The usual signed LIABILITY RELEASE will be required. This is an opportunity to work with and become acquainted with CAS members from other Chapters. Those who participated in the 1987 all-CAS dig at Honeymoon near Cortez can attest to a positive and fun experience that also made a contribution to Colorado archaeology.

REGISTRATIONS REQUESTED BY APRIL 15-30

If there is a week when not enough people sign-up to make it possible to field a reasonable crew, work will be cancelled for that week!

REGISTRATION FORM SWALLOW '88

Name:

List weeks you will attend or indicate "Intermittent":

Address:

No. of persons:

Total enclosed:

Phone:

Mail to:

MAKE CHECKS PAYABLE TO:

Marie Mayer
645 Poppy
Broomfield, CO.
80020

DENVER CHAPTER-SWALLOW '88

Lyons Chapter, CAS, Executive Board For 1988

Officers:

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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)
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William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
Lee Lacey, 2262 Juniper Ct., Boulder 80302 (442-4400)
Richard and Sue Lippincott, PO Box 5, Erie CO 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

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:** Laura Viola, 2857 Shadow Creek Dr., Boulder 80303 (442-2019)
Larry Riggs, 1690 Lombardy Dr., Boulder 80302 (449-2852)
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)
- Meeting Hostess:** Mary Lou Maxon, 827 Maxwell #E, Boulder 80302 (447-1947)

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.

THE FAR SIDE

By Gary Larson



Early business failures



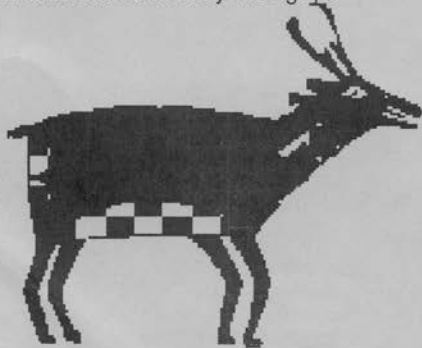
When ornithologists are mutually attracted

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5		6	7	8	9
10	11	12	13	14	15	16 State CAS Quarterly Meeting Cortez
17	18	Lynos Exec. Meeting Pat Hatfield's House 19	20	21	22	23
24	25	Lyon Regular Meeting Richard	27	28	29 SAA Meetings in Phoenix AZ.	30

THE FAR SIDE

By Gary Larson

As most of you know my work as a Zooarchaeologist leads me to collect animals for their bones. Most animals are road kill which has caused my husband to nick name me "The Road Kill Warrior". Last month I hit a particularly difficult age (which I will never admit to) and for my Birthday I received the cartoon on the right, wrapped around a spatula! I seem to be surrounded by wise guys!



Secret tools of the common crow



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PO Box 56
Ocotillo CA 92259