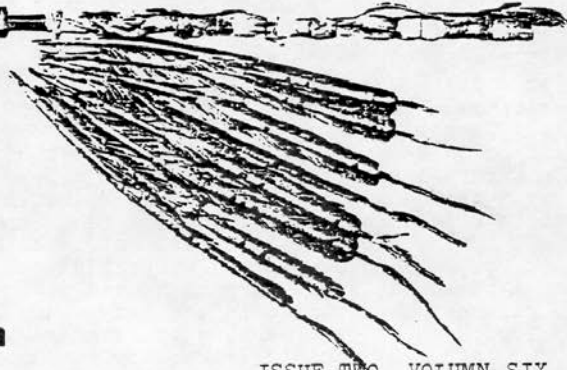




Lyons Chapter
Colorado Archaeological Society
P. O. Box 663, Niwot, CO 80544

THE CALUMET

**Conservation
Investigation
Education
Exploration**



FEBRUARY 1987

ISSUE TWO, VOLUME SIX

CALENDAR

- Feb. 12 PAAC Class, Ceramic Analysis and Description, Erie Methodist Church, 604 Holbrook, Erie, (828-3144). See map page 2. This is the first class meeting. O D Hand, conducting the class. 7 -9 PM.
- Feb. 17 Lyons Chapter Executive Board Meeting, 7 PM, Sue Struthers, 8439 N. 63rd, Longmont. (776-2350). All Executive Board members urged to attend. Map further on this issue.
- Feb. 19 PAAC Class, see above.
- Feb. 24 Lyons Chapter Regular Meeting, 7:30 PM, Guggenheim Bldg, Room 201. Dr. Robert Hohlfelder, Dept. of History, C. U., Boulder, speaking on "Underwater Archaeology at Caesaréa Maritima, Israel". More information further on this issue. The change in meeting room is due to the large crowd expected to attend this very interesting presentation.
- Feb. 26 PAAC Class, see above

PLAN AHEAD FOR THESE COMING EVENTS

- Mar. 5-12 Continuation of PAAC Class.
- Mar. 31 Dr. Jack Eddy, NCAR, "Sunspots and how they affect the Environment".
- July 4-6 Second Annual Encampment, weekend camp at McFee Reservoir, Atlatl Contest, Indian Games, tours, etc. etc. Look for further announcements in your CALUMET.
- June 4 to July 3 Honeymoon Ruin Excavation - 4 weeks. See January CALUMET for more information or call Ivol Hagar (986-2483) or Sloan Schwint (223-9016). Max of 22 persons a week. Sign up early!!! A chance in a lifetime!

PAAC CLASS-CERAMIC DESCRIPTION AND ANALYSIS, Feb. 12-19-26-Mar.5-12

The title of the class is reversed in the calendar (sorry, O D), but the opportunity is the same. Adequate persons have signed up for the class to be given....some from both Denver and Ft. Collins as well as Lyons Chapter, but if you find that you can attend after all, call Ann Pipkins (449-0851) to get your name on the list in order that O D will bring enough hand-outs. Cost \$10.00 - in advance, or if you are a last minute signer-up, payable at the first meeting.

For those of you who are coming from the Boulder area, possibly out Arapahoe (Rt. 7), turn LEFT on to Rt. 287, go north on 287 to Jasper Rd. There is a sign for Erie at this corner. Turn RIGHT on Jasper and go to 4-way stop. There will be a Convenience Store on your left. Go thru 4-way stop and continue on three blocks to Holbrook, turn right off this street. The Erie Methodist Church will be on your right. Sue Lippincott says to come in the south door where the light will be on. If all else fails, call Rick or Sue (828-3144). The Denver and Ft. Collins people will probably take the Erie off ramp, go 4 miles to a three way stop, turn right and go to street on which the Fire Department is situated on the left, turn left here and proceed to Holbrook which is a 4-way stop, turn right and there is the church on your left. Be sure to leave early enough to arrive about 7 PM as O D likes to start the class right on time!

An outline of the material covered follows. This is a very interesting course, you will be sorry if you miss it. The last time Lyons Chapter had the opportunity was three years ago. Call Ann Pipkins today!

V. CERAMIC DESCRIPTION AND ANALYSIS

- A. An introduction to ceramics and their place in Colorado prehistory
- B. Technology of ceramic manufacture
 - 1. Three basic elements composing ceramics
 - 2. Ceramic paste and working it
 - 3. Vessel forming techniques
 - 4. Finishing techniques
 - 5. Firing
- C. Description and analysis
 - 1. Viewing and describing ceramic past, form, and finishing techniques
 - 2. Defining ceramic types, series, and ware
- D. General survey of Colorado ceramic types
 - 1. Plains & Mountains
 - a. Woodland
 - b. Upper Republican
 - c. Apishapa, Dismal River, Shoshone (?), and Ute (?)
 - 2. West central and northwest
 - a. Fremont
 - 3. Southwest
 - a. Anasazi

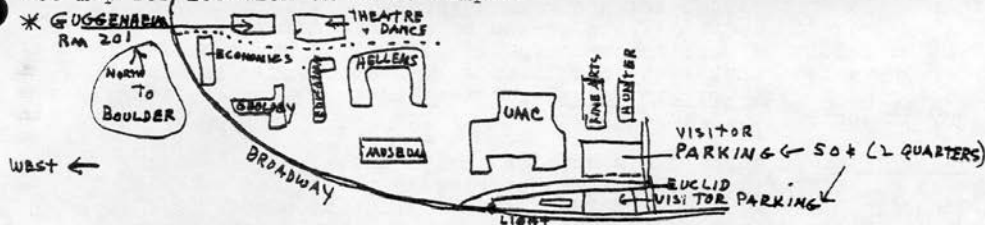
***This course is an introduction to a major artifact class found in Colorado, ceramics. The course covers the technology of ceramic manufacture, basic description and analysis, and an introduction to some Colorado ceramic types. The course is not a ceramic typology study, types will be discussed on a limited basis. The course is of value to those individuals interested in the late prehistoric occupations (100AD - 1800AD) and particularly those seeking information on Anasazi ceramics.

LYONS CHAPTER REGULAR MEETING, FEB. 24th, 7:30 PM

In order to accomodate the expected crowd coming to hear Dr. Robert Hohlfelder, we have arranged to use Guggenheim Bldg., Room 201, which holds 200 persons and has a large screen. Invite your family and friends to accompany you. Dr. Hohlfelder's article, "Herod the Great's City on the Sea" appears in the February issue of National Geographic Magazine and a film on the Caesarea Ancient Harbour Excavation Project will be on Cable TV on February 15. Check out the Cable station and the time if you have cable.

Dr. Robert Hohlfelder is a professor in the History Department of University of Colorado, Boulder, and has long been interested in underwater archaeology. On this subject he has two articles published: "Diving for the Ancient Past", 1986 Yearbook of Science and the Future, published by Encyclopaedia Britannica, (Chicago 1985), pg 1-27 and "The Caesarea Ancient Harbour Excavation Project (C.A.H.E.P.): Preliminary Report on 1980-83 Seasons," Journal of Field Archeology II (1984), pgs 281-305. (co-author). Caesarea Maritima was a rival to Alexandria and one of the four largest Mediterranean harbors of its time. It was built 2,000 years ago and used divers in the construction of the monumental city and harbour which was built on an unstable storm battered shore on a site lacking a protective cape or bay. Dr. Hohlfelder's article, pages 261-279, describes the difficulties encountered in the archaeological excavation and his slide lecture will bring it to life for us.

See map for location on C. U. Campus:



PAAC CLASS, HISTORIC ARCHAEOLOGY, CSU Campus, Ft. Collins, Mar. 14th

Historic Archaeology was added to the requirements for Provisional Surveyor Certification at the Annual Meeting in October 1986. Those of you who are working on certification and want to take this class should contact Ann Pipkins (see page 8 this issue). An outline follows:

- A. An introduction to historic archaeology and its place in studying cultural histories
- B. Classifications of historic sites; examples
- C. Brief survey of Colorado history; establishing a time framework for historic sites
 1. Historic Native American Tribes
 2. Exploration
 3. Traders and Trappers
 4. Early Settlement
 5. Mining
 6. Road Building
 7. Railroads
 8. Agriculture

- D. Importance of research and research sources
- E. Information on historic artifacts and structures

***Historic Archaeology is important for any prospective field worker. The course offers information on site types, a time framework for sites, and stresses the importance of research. This course is necessary in studying the complete cultural history of a region.

ACTIVITIES OF OTHER CHAPTERS THAT YOU MAY BE INTERESTED IN:

Royal Gorge, Canon City: They are sponsoring a Anthropological Field Study of Pueblo IV and V Periods and a Pecos Conference Trip, August 9 thru 16, 1987. This will be an introduction to Pueblo Culture and Ethnology of the Spanish Colonial Period in New Mexico with guided tours to important sites and museums in N. Mex., guided by Earl S. Mead, Anthropologist from Canon City. The tour will include attendance at the 60th Annual Pecos Southwestern Archaeological Conference at Pecos National Monument, New Mexico. For more information contact: Earl Mead, 1870 Central, Canon City, CO 81212 (275-6591) or write Royal Gorge Chapter, P. O. Box 2005, Canon City, CO 81212.

Denver Chapter: Plans underway for a Field Trip over the Memorial Day weekend to S/E Colorado (May 23-25) to visit important Rock Art sites including some of the controversial Ogam inscriptions. Also another Field Trip to the Brown's Park area of N/W Colorado over the Labor Day weekend (Sept. 5-7) to see outstanding Fremont Rock Art sites. We will be receiving more information on these trips later on. All Chapters have been invited to participate. Denver Chapter is also co-sponsoring a Rock Art Symposium with the Denver Museum of Natural History on April 11th. More about this later.

San Juan Basin, Durango: This chapter always has some fascinating week-end car-camping trips and back-packing trips planned such as Red Mountain Mining Camps (Aug. 15/16), Canyon Pintado (Sept. 19/20), Canyonlands Nat'l Park (Oct. 17/19), Tsegi Canyon/Navajo Nat'l Mnt. Nov. 14/15). Contact San Juan Arch. Society, 385 Highland Hill Dr., Durango, CO 81301 if you are going to be in the area and wish to participate.

LYONS CHAPTER EXECUTIVE BOARD MEETING, FEB. 17, 7 PM

Sorry, your editor got so involved in the Hohlfelder talk that the Executive Board announcement was omitted but here it is:

The Executive Board will meet at the home of Sue Struthers, (her mother's actually) at 8439 N. 63rd, Longmont. All Board members urged to attend. Directions: Take Diagonal to where 63rd crosses the Diagonal, turn left at the light on to 63rd. Go approximately 4 miles and watch for Oxford Road which crosses 63rd. The house is the THIRD one on the left at the top of the second hill. Pull into the driveway and park to the back and side of the house. From Longmont, go out Nelson Road west, turn left on 63rd, pass Rigsby (sp?) Historic Church, and watch for mailbox with number on your right. Call 776-2350 or 776-8907 if you get lost.

BITS & PIECES FROM YOUR EDITOR

Keith Abernathy, Denver Chapter newsletter editor, is giving a workshop on prehistoric tools at the Denver Museum of Natural History during the months of March and April and needs fresh, green bones. The bones should be the same size as a turkey leg bone. Call him if you can supply him with some - 234-1798. (Perhaps we should call him about the workshop, maybe some of you would like to attend the sessions. Will let you know who can participate.)

Our good buddy, Dr. Bruce Bradley of Crow Canyon Archaeological Center is going to be in Denver on February 18th at the Colorado State History Museum (aka Colo. Heritage Center), 1300 Broadway, Denver. He will talk on Anasazi archaeology and a flintknapping demonstration will follow the program. The lecture is FREE to Historical Society members and Colorado Archaeological Society members but reservations are required. Call 866-3682.

Don't forget to attend the ANASAZI WORLD exhibit at the Colorado State Museum. See information in January CALUMET.

I don't know why EVERYONE isn't a member of the Colorado Historical Society! They have a great newsletter The Colorado Heritage News and they have so many interesting activities that you could miss if you weren't a member (Lyons Chapter, CAS receives the Heritage News each month). For instance, in addition to the two paragraphs above, they are offering an exciting archaeological adventure June 21 -27, '87. This six-day tour begins at the Crow Canyon Lodge, goes to Hovenweep National Monument, Anasazi Heritage Center and Escalante Ruin, site tours of Sand Canyon and Duckfoot ruins. Call 866-3682 for further information and reservations. Also, on Tuesday, March 10th, Dr. James Judge, one of the foremost authorities on the archaeology of the Southwest, will give a slide-lecture on that subject. Dr. Judge was for many years the director of research for the Chaco Project and is now director of Fort Burgwin Research Center near Taos, New Mexico.***See below P. S.: They need volunteers for the front desk to take admissions, provide information and greet visitors. Mon.-Fri. 10 Am-4:30 PM. Call Ben Duke 866-4596 or Virgil Auge 433-5259 to volunteer. ***Dr. Judge's lecture will be at the Weyer Auditorium, Denver Public Library, 1357 Broadway, Denver at 7:30 PM. Reservations: 866-3682.

Pick up a brochure from WHITE MESA INSTITUTE on their Field Expeditions for 1987. They are also affiliated with the Four Corners School of Outdoor Education at Monticello, Utah. White Mesa Institute is directed by Fred Blackburn who is co-founder of the Institute in 1983 which is noted for the development of the "Outdoor Museum" concept of teaching. Write to College of Eastern Utah (White Mesa Institute), 639 West 100 South 50-1, Blanding, Utah 84511. FOUR CORNERS SCHOOL has two archaeology programs scheduled with Dr. J. Richard Ambler: June 7-14 "Northern Boundaries of the Kayenta Anasazi; Aug. 9-15 "Prehistoric Technologies" and a rock art trip to Baja California with Sally Cole Feb. 14-22 and March 7-15. For information: East Route, Monticello, Utah 84535 or call (801) 587-2859.

The Tee Shirts have arrived!

The following was clipped out of the DMNH February BEAR PAUSE. Speakers include Sally Cole, William Buckels, Peter Farris, Leslie Wildesen, and others. Call the number listed and identify yourself as a member of CAS....you may be able to attend for the \$20. Your editor pass on any details from the March BEAR PAUSE in the March CALUMET.



WESTERN AMERICAN ROCK ART SYMPOSIUM

West Auditorium
Saturday Apr. 11

9 am - 5 pm #4/115

\$20 members
(includes coffee,
lunch and registra-
tion)

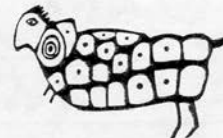
\$25 nonmembers
(as above)

\$10 students
(without lunch)

Western American rock art, painted and pecked on stones and canyon walls, has long appealed to the imagination of laymen and scholars alike. On Saturday, Apr. 11, the Museum, in association with the Denver Chapter of the Colorado Archaeological Society, will sponsor a very special daylong symposium focused on this fascinating art form.

Don't miss an opportunity to hear the most up-to-date information presented by well-known archaeologists and researchers in the field of rock art. Fill out a registration coupon (#4/115), or call 370-6385 for further information.

A detailed schedule of events will appear in the March issue of Bear Pause.



CROW CANYON ARCHAEOLOGICAL CENTER has announced their 1987 Field Season: Adult Research Seminars - 1 week sessions May 31st thru Oct. 31; High School Field School - 4 week session - June 21-July 18; Teachers' Workshop - 10 day session July 19-29 and July 30-Aug. 8th. Write for more information and brochure - 23390 County Road K, Cortez, CO 81321 or call (303-565-8975). The spring months are reserved for school groups and will open April 19th. We will pass along the schedule when we receive it.

MALHEUR FIELD STATION, Princeton, Oregon, offers many exciting programs such as "Rock Art in the Northern Great Basin", "Aboriginal Lifeskills of the Northern Great Basin", "Native Fiber Arts of Western North America", "Primitive Pottery" and many others. Fees include room, board, tuition and most class travel. Dr. Lucile Housley, a former Lyons Chapter member, is the director. Write: Box 260-E, Princeton, Oregon 97721 or call 502-493-2629. Or you can ask Lee Lacey, Lyons Chapter, about it. He has attended Flintknapping courses up there in that beautiful country 32 miles south of Burns, Oregon.

Please Note: the brochures of the above mentioned organizations will be available for you to look over at meetings. Ask Sue Struthers, your 1987 President.

REPORT OF ADVISORY COMMITTEE TO STATE ARCHAEOLOGIST MEETING, JAN. 24, 1987 at Quarterly Meeting in Pueblo by Ann Pipkins, Rep.

Chair, O'Neil presented breakdown of Regional Subcommittees. Purpose of subcommittees is to report on the research and/or survey projects of the respective chapters. **Leslie Wildesen, State Archaeologist, presented her report. **O D Hand talked about his plans to set up a drawer of Colorado points and ceramic types for comparison purposes at the Historical Society. Discussion of possible other locations.

(Continued on page 9....)

LYONS CHAPTER EXECUTIVE BOARD MEETING, JAN. 20, 1987 at 801 Gillaspie Dr., #110, 7:00 PM.

Call To Order: Struthers, present were Barnes, Baugh, Clubb, Collis, Hatfield, Kindig, Lacey, Maxson, McHugh, Pay, Pipkins, Viola.

Old Business:**Discussion and suggestions for speakers for first half of 1987 and fall.

**Workshops: Flintknapping by Lee Lacey May 16 & 17. Limited to 10 people. If more interest will be repeated in fall. Other workshops suggested: cordage from natural materials, uses of Yucca, and cooking with native plants.

**PAAC: Review of classes offered in 1st half of year. Ceramic Analysis and Description, Historic Archaeology, Perishable Materials. Will ask for Lithic Analysis for fall schedule.

**Field Directors Reports: Primary objective to finish resurvey of Boulder County. Field Directors and Information Officer to meet to coordinate. Indian Mountain survey to be scheduled when weather permits. High Altitude survey has two more sites to complete resurvey.

**Treasurer's report: Final report to CAS for 1987 reviewed and compared to 1986 proposed budget. Books balance to bank and check book. No further audit required. (MSP) Balance 12/31/86 - \$386.33.

**Library: Discussion-should books be brought to meeting? Is collection an asset and does it fill a need? Tabled until list available.

**

New Business:**Need for Editor for Calumet after April, also funding. Kimble has volunteered to edit, Struthers will investigate costs. Discussion of possible columns, will ask members for help write with articles, book reviews, reports, etc.

**Tee Shirts: (MSP) to purchase from Rising Sun Design of Albuquerque, N.M. Long and short sleeves will be available in pearl gray with Logo in black. Will sell for \$9 and \$11. Adapted design by Kindig accepted by Executive Board. Sign up sheets will be available at meetings.

**Other Fund Raising ideas-mugs with petroglyphs, belt buckles, sale of book in library. A Ways & means Committee will be appointed.

**Youth Program: Discussion of projects.

**Slide Projector: Need for chapter-owned equipment. Boyle to investigate costs. (MSP)

**Responsibilities of Executive Board Members: Each member has letter and description of duties.

**New Members Packet: Information packet for new members will be assembled to include: Welcome, By-laws, survey, book list, roster of membership, PAAC fact sheet. (MSP)

**February meeting at Sue Struthers, 8439 - 63rd, Longmont, 7 PM, on February 17th.

Meeting adjourned at 10 PM.

Anita McHugh, Secretary

We have received a letter from Dr. Frank W. Eddy, C. U., Boulder, thanking the membership for playing a vital role in the battle to protect and preserve cultural resources in one part of the San Juan National Forest. He thanks all CAS members for their very special part in defending the Anasazi antiquities of Chimney Rock. He also enclosed a reprint of his article, co-authored by Carol O'Sullivan, which appeared in ARCHAEOLOGY, Nov-Dec. 1986 issue. If you would like to read the article, ask your Librarian, Sue Lacey (442-4400).

Lyons Chapter Meeting, January 27, 199 Hellems, CU Boulder.

The business meeting was called to order by Sue Struthers. The topics discussed were: the Treasurer's report, PAAC class on Ceramic Analysis and Design, Education, Fund raising, and Tee shirts. Details on these topics are elsewhere in the Newsletter. Anyone with ideas or articles for the Newsletter should mail them to Leni prior to the 5th of the month. Leni announced the dates and place for the Encampment this summer and encouraged all to attend.

Meg Van Ness gave a most interesting talk on Ethobotany in Pinyon Canyon. This area has been purchased by the U.S. Army as a tank training area. The Army has agreed to leave the canyons on the Purgatory drainage alone. Most of the sites are in the canyons with some rock art found on a basalt ridge. The rock art is both prehistoric and historic (Basque sheepherders). She showed beautiful slides of the area (and a couple of tanks) and had samples of her comparative collection (plant species currently found in the area).

Anita McHugh, Secretary

MESSAGES FROM VARIOUS COMMITTEE CHAIRPERSONS and OTHERS:

Sharon Pay requests that anyone who worked on the White Rocks survey and is interested in working on the report to call her (443-3042). Please leave message on machine or call back.

Ann Pipkins, PAAC Coordinator, reminds us that the Historic Archaeology PAAC class is now required for Provisional Surveyor and is being offered at Ft. Collins March 14, April 4, 11, 25 (all Saturdays). Deadline for receiving money is March 6th. Call her or O D (866-4671). Ann's number is (449-0851). Send her your \$10.00 advance fee made out to PAAC at 4500 - 19th, #456, Boulder, CO 80302. Also, Perishable Materials required for Certified Surveyor II is being offered in Denver at the State Museum, 1300 Broadway, May 7, 14, 21, 28, June 4. Sign-up sheets for both classes will be available at meetings.

From Jean Kindig: If any of you are reading Jean Auel's "Earth Children" series, (Clan of the Cave Bear, Valley of the Horses, The Mammoth Hunters), you may be interested in the recent NOVA TV show, "The Children of Eve" which could be subtitled "One Woman's Family". NOVA presented an overview of human evolution highlighting recent genetic research along with archaeological evidence. The show includes a discussion about the differences of Neandertal and Cro Magnon, which will either reinforce or undermine your opinion of "The Clan" and "The Others". This video is available for short loan from the Lyons Chapter library. Call Sue Lacey, 2262 Juniper Ct., Boulder (442-4400) if you would like to check it out. (Editor's Note: Jean taped this show and is presenting it to our library as a gift.)

PICK UP TEE SHIRTS AT EXECUTIVE BOARD MEETING OR REGULAR MEETING. OUT OF TOWN ORDERS WILL BE MAILED. Contact Leni (652-2203) or Jodi (776-8907) for other arrangements.

LYONS CHAPTER, CAS, EXECUTIVE BOARD FOR 1987

OFFICERS:

President: Sue Struthers, 8439 N. 63rd, Longmont 80501 (776-2350)
V. President: William Maxson, 827 Maxwell, #E, Boulder 80302 (447-1947)
Secretary: Anita McHugh, Box 13812, Boulder 80308 (449-6127)
Treasurer: Pat Hatfield, 1951 Vista Dr., Boulder 80302 (449-1706)

STANDING COMMITTEE CHAIRPERSONS:

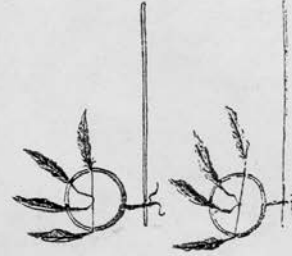
Directors: William Boyle, 1001 Peakview Cir., Boulder 80302 (442-3682)
Lee Lacey, 2262 Juniper Ct., Boulder 80302 (442-4400)
Cleo Barnes, 801 Gillaspie Dr., Boulder 80303 (499-1335)
CAS Representatives: Mark Chenault, CB #218, CU, Boulder 80309 (492-8881)
" Rep. Alternate : John Cater, 2-B Centaur Ct., Lafayette 80026 (665-0140)
Librarian: Sue Lacey, 2262 Juniper Ct., Boulder 80302 (442-4400)
Professional Advisor: Tim Baugh, 3025 Broadway, #26, Boulder 80302 (442-5224)
Advisory Committee to State Archaeologist:
Professional: Fred Lange, 1553 Mt. Evans, Longmont 80501 (772-2012)
Avocational : Ann Pipkins, 4500 - 19th, #456, Boulder 80302 (449-0851)
Field Directors: Robin Farrington, 704 Mohawk, #5, Boulder 80303 (499-1582)
Laura Viola, 2857 Shadow Creek Dr., Boulder 80303 (442-
Project Information Officer: Sharon Pay, 5000 Butte, Boulder 80301 2019)
(443-3042)
PAAC Coordinator: Ann Pipkins, 4500 - 19th, #456, Boulder, 80302 (449-0851)
Publicity: Edna Collis, 2800 Kalmia, #203B, Boulder 80302 (444-0853)
Mary Sucke, 972 Martin Rd., Longmont 80501 (772-9538)
Ways & Means: Jodi Struthers, 8439 N. 63rd, Longmont 80501 (776-8907)
Youth Program: (To be confirmed)
The Calumet Editor: Leni Clubb, 8191 N. 81st, Longmont 80501 (652-2203)
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.

Pipkins report continued...

**Anasazi National Monument discussion put on hold. **O'Neil would like a list of persons with APPDAR manual to set up network. Needs volunteers to assist with computer work. **Reports of Subcommittees presented. **Archaeological Impacts as part of Environmental Quality Acts (Legislative)-Leslie led discussion around whether or not Colo. should adopt such legislation. Ooton volunteered as Coordinator of information. **Discussion pertaining to registration and private ownership of archaeo. objects. Members agreed this act was not viable. **Tate read letter regarding Hovenweep Nat'l Mounument re: incorporation into Nat'l Park system and out of BLM. CAS will write letter asking for completion of BLM management plan so that final action may be taken. **Leslie said "boiler plate" language had been agreed upon for the Colorado Wilderness Preservation areas. **Bibliography on historic book available for nominal fee from Beverly Clark, Colo. Hist. Society. Meeting adjourned at noon. Respectfully submitted - Ann Pipkins

Leni Clubb & Halile Cash
8191 N. 81st St.
Longmont, CO 80501



Lyons Chapter, CAS
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