



NEWSMAC

1990 Number 1

February

PRESIDENT'S CORNER

FROM CHERIE SCHEICK (1990 PRESIDENT)

Dear Colleagues:

On behalf of the 1990 Executive Committee, I would like to thank the 1989 Executive Committee members for their accomplishments of the past year. Through their efforts and hard work, a successful workshop series was initiated and numerous other projects were brought to fruition. The success of those workshops, however, would not have been possible without the participation and support shown by the organization members. To them, we wish to extend our appreciation and our hope that their support will continue for the workshops and conferences scheduled for this year. Forthcoming projects include a Compliance seminar cosponsored by the Historic Preservation Division and NMAC, an historic artifact workshop focusing on both analysis and preservation of artifactual materials, and an Apache Conference. By this newsletter's publication, the fourth and final ceramic workshop will have been held, kicking off this year's activities.

The selected workshops continue the emphasis on both professional and public awareness, and a continuing focus on education was consciously selected by last year's Executive Committee members. To this end, a number of standing committees were established this year that will concentrate on the dissemination of information (**Publications and Public Affairs, Public Education**) and the preservation of New Mexico's past (**Legislative Support Committee**). A few of these committees have provided reports on their activities for this newsletter. Reports also will be made by each committee at the general business meetings held throughout the year. We encourage the membership to contact the Chairpersons with their concerns or ideas. The Chairs are: for the Publication and Public Affairs Committee, Tim Maxwell; for the Public Education Committee, Dave Legere; and for the Legislative Support Committee, Dave Cushman. Addresses and phone number can be obtained from any Executive Committee member.

In closing, let me encourage each one of you who has not already done so to renew your membership and help continue the good work. Only with your cooperation and support can NMAC remain a healthy organization with an active voice in the policies and decisions that affect New Mexico's cultural resources and in public education to

encourage the preservation of those issues.

FROM DAVE KIRKPATRICK (1989 PRESIDENT)

Thank you NMAC members for your help and support during 1989. Because of your participation, NMAC was able to sponsor three very successful workshops, develop a 'new look' for the newsletter, and plan new workshops and conferences for 1990. The 1989 Executive Committee appreciates your support.

Sincerely,

Dave Kirkpatrick
Alexa Roberts
Norm Nelson
Cheryl Wase

MEETINGS/WORKSHOPS

April 5 or 6: tentative dates for the first annual **Archaeological Records Management System** conference at the Laboratory of Anthropology in Santa Fe. See details on page 6.

April 18-22: The **Society for American Archaeology** annual meetings in Las Vegas, Nevada.

April 27: NMAC meeting in at the BLM office, 435 Montano Rd. NE, Albuquerque. The general business meeting will be followed by a presentation from Judy Propper of the Forest Service and NMAC Vice-President, on the proposed Rio Chama Gateway bill (more information on page 3).

May: The annual meeting of the **Archaeological Society of New Mexico** will be held at a yet to be announced date in May on the campus of New Mexico Tech in Socorro.

October 14-19: **Adobe 90: The Sixth International Conference on the Conservation of Earthen Architecture** will be held in Las Cruces. Specialists from around the world will discuss a variety of topics including current research, stabilization and restoration techniques and future directions for the conservation of earthen structures. For more information, contact: Adobe 90

The Advisory Council on Historic Preservation is offering **Introduction to Federal Projects and Historic Preservation Law**, a training course designed to teach government officials and contractors the fundamentals of the Section 106 review process mandated by the National Historic Preservation Act. The course will be offered in Santa Fe, March 28-30 and in Denver on May 29-31. Registration: \$210.00. Contact: GSA Training Center, P.O. Box 15608, Arlington, VA 22215; (703) 557-0986.

NMAC BUSINESS

TREASURER'S YEAR-END REPORT--1989

(Norm Nelson, President-Elect)

Well, how about 1989! What a fine year 1989 was for workshops, increased membership, and a jump in the bank account. Our year started with \$6,088.85 and ended with \$8,677.09. With 1990 dues coming in, and grants available for publishing, NMAC should soon be publishing the Protohistoric Conference and the 1989 Ceramic Workshop series. I'll be working with NMAC's new treasurer, Yvonne Oakes, to change our corporate filing dates to a calendar year rather than the existing system. This will allow each executive council to tie up loose ends at the conclusion of their term and hand the new council a clean financial slate. As for the problems with the IRS in early 1989, NMAC filed all of the appropriate forms, corresponded with the IRS folks and never heard a peep out of 'em. So, as far as I'm concerned, NMAC is in good shape. Guess we didn't rate with HUD. I'd like to insert a small note of thanks as well. I've enjoyed being a member of the executive council and I thank the membership for giving me the opportunity to be

New Mexico Archeological Council 1990 Officers

President: Cherie Scheick
President-Elect: Norm Nelson
Vice President: Judy Proper
Treasurer: Yvonne Oakes
Secretary: Cheryl Wase

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Albuquerque, NM 87103

Subscription to NEWSMAC is through membership in the New Mexico Archeological Council. Membership is \$15.00 per year for individuals, \$25.00 as a sponsor, and \$25.00 for institutions.

NEWSMAC Editor: Tim Maxwell

LEGISLATIVE WATCH COMMITTEE

(Dave Cushman, Chair)

In January, NMAC added three new standing committees to the organization. One of these is the **Legislative Watch Committee**. The committee has been established to inform NMAC of archaeological legislation and related legal issues on the local, state, and federal levels. If and when specific issues are identified as being of general concern to NMAC, the committee will also advise the membership and assist in formulating a response if necessary. Dave Cushman (Historic Preservation Division) will act as chair, and will be assisted by Carol Condie (Quivira Research Center), Sandy Marshall (New Mexico State Highway and Transportation Department), and J.R. Gomalak (State Land Office). The committee is looking for two additional NMAC members from the southern part of the state to balance its geographic representation. These people will act as a core group to be assisted by six or seven members distributed across the state. The concept is still being worked out, but when formed, the full committee will act as a statewide informational network that will report to the membership at each quarterly meeting.

While the Legislative Watch Committee will actively seek out information of interest to NMAC, the membership will be the real eyes and ears of this committee. If there are legislative or legal issues that people feel should be addressed by NMAC, call Cherie, Norm, or Judy, or call Dave Cushman at (505) 827-8320. The full committee will be formed in March and will be functional by the April NMAC meeting. Additional details, names, and telephone numbers will be provided then.

PROTECTION OF CULTURAL RESOURCES

(Norm Nelson, President-Elect)

Recent activity by a foreign investor in southwestern New Mexico is again underscoring a problem of local and national interest. Mimbres picture bowls are being purchased by this individual, ostensibly for a 'private museum' in Europe. Not only does the purchase of Mimbres artifacts create a loss of scientific information and a law enforcement problem for land managing agencies, but it also focuses attention on the lack of a national law which prohibits the export of cultural resources from the United States. Members of the executive council have been meeting with the Historic Preservation Division in an attempt to identify those laws and agreements that exist or are in the planning stages. Once this information has been gathered, the executive council will follow up with letters to our congressional delegation voicing our concern. Ideas that would be of use to our congressmen are solicited by the council, either in writing or at the next NMAC meeting. These ideas should focus on both local and national efforts than NMAC, the HPD, or other state organizations such as IMPACT, can implement.

STUDENT MEMBERSHIP RATES

The issue of **student membership rates** was not resolved at the December 1989 meeting. While some

NMAC members believe that a reduced membership rate for students is acceptable, others argue that, given NMAC's already low rates, reduced student rates may not be justified. Expect more discussion at the next NMAC meeting.

NEWS FROM AROUND THE STATE

HERITAGE PRESERVATION WEEK

(Lynne Sebastian, Historic Preservation Division)

This year, May 12-20 will be the third annual New Mexico Heritage Preservation Week. The first Preservation Week in 1988 consisted of some 20 events; last year there were more than 80 Preservation Week events statewide. This year the Office of Cultural Affairs, Historic Preservation Division (HPD) is trying to break 100! The idea of Heritage Preservation Week is to focus public attention on the wealth of historic and prehistoric resources in New Mexico and to enlist public support for the preservation of those resources.

The HPD is encouraging everyone with a love for New Mexico's heritage to volunteer to organize a Preservation Week event. Last year's events included everything from a 3-D slide show to flint-knapping demonstrations and a program of readings from the novels of Eugene Manlove Rhodes at the historic Oliver Lee Ranch State Park. There were archaeological site tours, displays and exhibits at museums and libraries, poster contests for school children, guided tours of historic districts, and a multitude of other activities. The possibilities for Preservation Week events seem to be limited only by the imagination of the organizers! The HPD is looking for events that will be fun for the organizers and the participants, while still getting across the point that New Mexico's heritage is valuable to residents and visitors alike.

If you want to sponsor an event, the key to making it a success is publicity. Last year one event drew 400 people and another 3-day event was attended by more than 100 people each day. In both cases the event was thoroughly and cleverly publicized by the organizers in their local media. Although the HPD will list your event in their brochure of statewide events and provide you with Preservation Week brochures and posters, each organizer needs to take responsibility for local publicity.

This year's Preservation Week poster features a turn-of-the-century photograph of a historic hotel. Event sponsors will receive a free poster and additional copies will be available for sale at Preservation Week events. There will also be a logo contest to design a Heritage Preservation Week logo to be used in the future.

If you are interested in sponsoring an event, getting a poster, getting a brochure of events, entering the logo contest, or if you have questions about Heritage Preservation Week 1990, call Lynne, Dave Cushman, or Mary Jane Gonzales at 827-8320.

CHAMA RIVER GATEWAY BILL

(Judy Propper, Vice-President)

On January 23, Senator Jeff Bingaman, with Senator Dominici, introduced the "Chama River Gateway to the Past

Interpretation and Visitor Education Act of 1990", S.B. 2014. Representative Richardson introduced the bill in the House. This bill authorizes appropriations to help the Forest Service and the Bureau of Land Management proceed with implementation of an interagency interpretive prospectus for the Chama River Valley.

The prospectus, which was developed by archaeologists from the Forest Service, BLM, Corps of Engineers, and the Ghost Ranch Conference Center, includes construction of a "Gateway to the Past" visitor center at the Ghost Ranch Living Museum, on-site interpretation along six designated loops, and a program to expand opportunities for public participation in educational and site protection/management activities. The overall interpretive theme will be "Living with the Land." Senator Bingaman's bill offers the possibility of increased funding to implement the prospectus in FY 1991 and beyond.

The agencies are proceeding with general planning and consultation activities in 1990, with more detailed planning and development to occur in 1991. A major focus this year will be site protection considerations and guidelines. Thanks to partner contributions and interagency funding, construction of the "Gateway" will begin in March.

The new interpretive trail at Poshuouinge, on the Santa Fe National Forest, is the first of several such trails planned for development by the FS, BLM, and the Corps over the next several years. The prospectus also calls for a "Float Trip Through Time" on the Rio Chama Wild and Scenic River.

ZUÑI-CIBOLA NATIONAL HISTORICAL PARK

The Zuni people recently voted down the proposed National Historic Park. The park would have been the first National Historical Park located on Indian land leased to the federal government. The plans included a visitor center and incorporation of four archaeological sites: Hawikuh, Yellow House, Kechipbowa, and the Village of the Great Kivas.

POSHUOUINGE INTERPRETIVE TRAIL

The new interpretive trail at Poshuouinge is now open. Although the Santa Fe National Forest plans further work on the trail, its opening is a first step in achieving the goals of the Chama River Gateway bill. Poshuouinge, a large Rio Grande Coalition-Classical period pueblo, is 2.5 miles south of Abiquiu. Parking exists on the side of U.S. 85 and the trail starts at the parking area. There are interpretive signs along the trail as it goes through the pueblo and a nearby rock shelter. This is a site worth seeing.

NEW ARCHAEOMAGNETIC DATING LAB

(David A. Phillips, Jr., Museum of New Mexico,
Research Section)

The Museum of New Mexico's Research Section has started the first archaeomagnetic dating program in the state. The program's director, Dr. Dan Wolfman, is one of the world's leading experts on archaeomagnetic dating. Fortunately, he much prefers New Mexico to Arkansas and has shifted his base of operations to Santa Fe. Dan's

research has included most of the archaeomagnetic studies done in Latin America. In the U.S. Southwest, he hopes to both extend and refine the existing dating curve.

Services provided include basic analysis, at \$250.00 per set of cubes. The program will also provide field collection, training, and interpretation of results. The last service is important because it is possible to have more than one interpretation of a given set of results! For more information on archaeomagnetic dating, please contact Dan Wolfman at (505) 827-8953.

ARCHAEOLOGICAL FUND FOR THE CITY OF SANTA FE

In September 1989, the City of Santa Fe city council voted to establish a fund for monetary assistance in the excavation of significant sites in the Santa Fe city limits. Santa Fe passed an archaeological review ordinance in 1987 that requires archaeological survey, testing, and mitigation. The city was divided into three archaeological zones based on the density of known sites and archaeology is required when the size of the building project exceeds

certain size limits in each district.

As the assistance fund was established, limits were placed on the amount of money that a builder would have to spend on archaeology. This limit is based on the size of the project. If the archaeology warrants more expense than that required by the ordinance, and the site is considered significant, then the fund is available for use. For more information, contact: Linda Tigges, Planning Department, City of Santa Fe; (505) 984-6609.

OF INTEREST

ARMS CELEBRATES ITS 10th BIRTHDAY!

(Tim Seaman, Historic Preservation Division,
Archaeological Records Management System)

Tempus Fugit! The Archeological Records Management System is ten years old this year and, owing to a lot of support and cooperation within the New Mexico archeological community, the database is approaching

Dear Member:

The New Mexico Archaeological Council would like to compile a directory of members for distribution to individuals, archaeological organizations, and public groups requesting expertise or speakers in archaeology and allied fields. This directory will include members names, their field of specialization, fees for services, and other pertinent information. If you would like to be included in the directory, please fill out the form and return it to: NMAC, P.O. Box 1023, Albuquerque, NM 87103. A publication date is not yet known but you will be kept informed.

Name:

Address:

Phone:

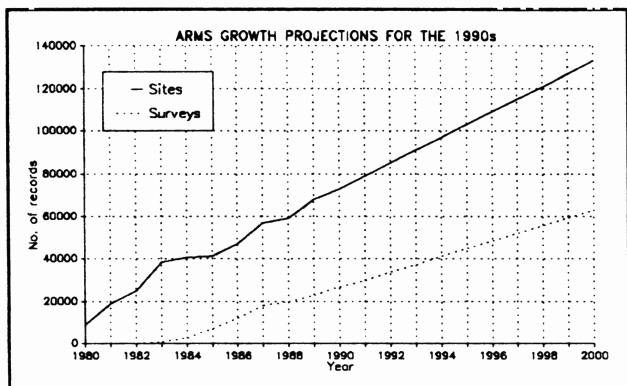
Institutional affiliation:

Professional Specialization(s)	Geographic region(s) of Interest	Fees	Willing to lecture on this topic/region?	To what audience will you lecture?	Lecture fees?
				Elementary School __	Yes __ No __
				High School __	
				College __	
				Local societies __	
				Community groups (Lion's Club, Rotary, libraries, etc.) __	

100,000 total records. We are indeed fortunate here in New Mexico to have such a high level of cooperation, and to have a single repository for archeological site and survey data at the Laboratory of Anthropology (anyone who has ever worked in Arizona can appreciate that!). ARMS is one of the largest archeological databases in the country (if not the largest) and, more important, it is one of the most accessible systems for both research and management uses. We should all be proud of what we have worked for. I am sure that the founders and early supporters of the Laboratory of Anthropology would see the Site Survey Records and ARMS as fulfilling the organization's original mission. We should all pat ourselves on the back, but we owe a special debt of gratitude to Marsha Jackson and Stew Peckham, both formerly of the Laboratory of Anthropology, who had the vision to see the potential of the Lab's Archeological Archives, and the energy to design and implement the Archeological Records Management System.

ARMS 1980-1990: A Decade of Growth and Expansion

As illustrated below, since 1980 the ARMS system has automated data from almost 68,000 sites in New Mexico and a related file containing data on archeological surveys, added to the system in 1982, has grown to almost 25,000 records. Together, these files make up a database capable of maintaining a history of archeological investigations at any property as well as allowing data retrievals on the basis of locational, cultural, or other variables. The database is also expansive in its coverage. Although data from some rather large archeological projects conducted in the Rio Puerco Valley, the Hueco Bolson, and other areas of the state have yet to be added to the database, we are in the process of obtaining outstanding site data either through translating existing computerized files (e.g. from the Fort Bliss archeological program), or by obtaining copies of paper records from these projects (e.g., the ENMU Anasazi Origins Project).



Services offered by ARMS to its users have been expanded considerably in the last five years. In 1989, over 200 automated retrievals were conducted for users at minimal or no cost, and ARMS data on tape and diskette were provided to a number of federal agencies in New Mexico for both research and management purposes. Use of the Site Survey Records at the Laboratory of Anthropology has increased in recent years with an average of 40 users per month, and map and records checks by phone are regularly processed by the ARMS staff.

ARMS in the 1990s: Problems and Solutions

Although, the program's first decade has been successful and has provided a solid foundation for continued growth, ARMS faces some significant problems in the 1990s. Among these, the conservation of our archival resources is perhaps most critical. All researchers using ARMS should realize that the automated data are, by necessity, limited in scope and provide only a guide to archival resources housed at the Laboratory of Anthropology and elsewhere. At present, no backup exists for the Laboratory of Anthropology's master set of USGS maps used to record site locations, and although site locations are also maintained in the ARMS site file, these data consist of a single UTM coordinate and are no substitute for the plotted site boundaries on the quads. In short, the losses to the archeological community resulting from a serious disaster at the Laboratory of Anthropology would be incalculable. In response to this threat, the Historic Preservation Division and the Museum of New Mexico are actively pursuing grants to microfilm unique and rapidly deteriorating paper site records and maps, and to care for the large collection of photographs accumulated since the 1930s and earlier.

The ARMS program also faces some serious financial problems in the next decade. A high rate of growth is inherent in the system, yet our financial resources are fixed at a level that cannot possibly cope with the increasing size and complexity of the database projected for the year 2000. Based on the rate of growth during the 1980s, the database can be expected to double in size by the end of the century, with almost 200,000 total records (see above chart). Our mainframe computing resources have actually decreased over the last five years, forcing ARMS to postpone many planned enhancements to the system. Keeping up with advances in computer hardware and software will help reduce the data management costs somewhat, but without additional sources of financial support, ARMS will lose considerable ground in keeping the database current and meeting basic user needs.

Although we will be aggressively pursuing grants to invest in new computing technology, and will attempt to muster some support from state government in upcoming legislative sessions, we will have to depend more on all ARMS users for our basic operating expenses over the next 10 years. Only one-third of ARMS staff salaries are provided by the Historic Preservation Division, with the remainder being paid through the support of the Bureau of Land Management, the Bureau of Reclamation, the National Park Service, the New Mexico State Highway and Transportation Department, and several other federal agencies. Our dwindling financial support and increasing workload will require several changes in the next decade. Owing to the increasing costs for computing services, we will have to move many, if not all, computing functions in-house from the mainframe environment in the next three to five years. Although this migration will have minimal impact on system users, it can be expected to increase our operating costs in providing for data security and other services mainframe users take for granted.

In order to make time for system enhancements, the responsibility for coding of site and survey data will be increasingly moved from the ARMS staff to system users

over the next few years. To facilitate this, we are developing a simple computer application for coding ARMS data that will be distributed free of charge to all interested ARMS users. The application, being designed with the help of Peter Eschman, consists of a series of data entry screens that correspond to the site (blue) and survey (yellow) ARMS coding forms. The application is designed to handle all ARMS data for a survey project and will automatically repeat selected fields during key entry of site data. The application generates dBASE III+ compatible data files that can be edited by the ARMS staff and appended to the main ARMS database more efficiently. This data entry application will be a considerable improvement over the blue and yellow forms, requiring less time and effort for everyone involved, and because it implements some simple error checking, the accuracy of the coded data should also be improved. Please call us for more information if you are interested in testing this application.

Finally, errors and omissions in the ARMS database represent a continuing threat to the program. Critical data are missing from the file -- most notably, geographic data on surveyed space -- and a considerable amount of redundant or unnecessary data is maintained. Most users have noted that there are inconsistencies and errors in coding that directly affect the utility of the system for both research and management purposes. While we make every effort to edit site data before it is appended to the ARMS data base, some kinds of errors are extremely difficult to trap. Toward this end, we will continue to solicit the help of ARMS users by including Error Report Forms with all retrievals, and we intend to redesign portions of the system that allow coding errors and inconsistencies to enter the database. We are in the process of producing a true Users Guide from the two Coding Guides that have been distributed since the early days of the program. We hope this document will provide some guidance for actually using the system (i.e. formulating retrievals) and not simply coding site and survey data.

Announcing the First Annual? ARMS Conference!

In the 1990s, we will implement solutions to the above problems. We plan to redesign the system in the next few years to make it more accessible, less costly to run, and more robust in terms of error trapping and data retrieval capabilities. We intend to track advances in our understanding of prehistoric New Mexico more closely than we have in the past by updating the variables and codes maintained in the ARMS database. We are committed to making ARMS a more open and responsive database system in the 1990s, but we need your input to realize this goal. Just as a democratic government requires the participation of its citizens through the vote, a user-driven ARM System will require a similar mechanism to work. For this reason, we are planning an informal one day conference for all ARMS users at the Laboratory of Anthropology.

There is much to consider during this forum. The agenda will include subjects that directly affect all archaeologists working in New Mexico, whether they be associated with academic, private, or governmental organizations. Here are some possibilities:

- Should we redesign of the Laboratory of Anthropology site recording form? What relationship should it have to ARMS?
- The development of procedures for recording surveyed space in ARMS.
- How to tap into existing Geographic Information Systems around the state using ARMS data.
- ARMS as a research tool -- what are the possibilities?
- How to use the ARMS data entry application.
- What user services are most/least desirable, and what is a reasonable cost for these services? How do ARMS data sharing agreements work?
- What ARMS variables should be added, deleted or modified? How can we best obtain feedback concerning ARMS codes -- especially those concerning cultural/temporal affiliation and site features?
- The development of auxiliary ARMS data files for information on tree-ring, radiocarbon and archaeomagnetic dating results, burial populations, and other specialized analyses.
- How to use the ARMS survey file for literature searches.
- How to lose weight using ARMS without being hungry. Yes, if you order right now we'll include a set of 12 steak knives not available in any store... Operators are standing by to take your order.

A brief tour of the Laboratory of Anthropology Archives and the Site Survey Records facilities is also planned. The tentative date of the conference will be on April 5 or 6, depending on what kind of feedback we get in the next few weeks, so if you wish to attend but have a scheduling conflict, please let us know. I will be mailing out a formal invitation and an agenda to the members of NMAC in the coming weeks, but if you feel strongly about a particular issue involving ARMS and would like to see it considered, contact us by phone or mail ASAP, and we'll see what we can do.

Until then, keep those site forms coming!

X-RAY FLUORESCENCE STUDIES OF POTTERY

(Bart Olinger, Los Alamos National Laboratory)

In 1985, Bart Olinger began avocational research to characterize the pottery of prehistoric and historic Indians. He began by assisting Beverly Larson with her study of pottery collected during survey of the Pajarito Plateau conducted by James N. Hill, UCLA, during the late 1970s. Using X-ray fluorescence, Olinger and Larson developed a method to rapidly characterize pottery sherds based on their chemistry and also developed a graphic display of those measurements to make interpretation convenient.

The discrimination procedure requires the irradiation of exposed paste along the edge of a sherd with monochromatic x-rays from a ¹⁰⁹Cd source that have an energy of 22 kev. The elements in the sherd paste, excited by these by the x-rays, emit secondary x-rays whose energies are characteristic of their sources and whose intensities are proportional to the concentration of each element in the paste. The elements that are readily detected are Fe, Sr, and Zr. The proportion of the x-rays from these three elements then is used as the x-ray signature for the sherd. When needed, x-rays from other elements can be considered to enhance the signature.

Since the technique's inception, Bart has analyzed pottery fragments from hundreds of archaeological sites. These studies have attempted to pinpoint pottery manufacturing locales and trade patterns. This effort has resulted in a large data base and experience in interpretation of the results. In addition, the same technique is useful in characterizing obsidian. These data can then be used as references to easily identify the original source of obsidian found at archaeological sites. Archaeologists interested in applying x-ray fluorescence techniques should contact Bart at: M.S. J970, Group M-6, Los Alamos National Laboratory, Los Alamos, NM 87544; (505) 667-6881.

Additional information can also be found in the following reports:

- Olinger, B.
 1987 Pottery Studies Using X-ray Fluorescence, Part 1: An Introduction, Nambe Pueblo as an Example. *Pottery Southwest* 14(1):1-5.
 1987 Pottery Studies Using X-ray Fluorescence, Part 2: Evidence for Prehistoric Reoccupation of the Pajarito Plateau. *Pottery Southwest* 14(2):2-5.
 1988 Pottery Studies Using X-ray Fluorescence, Part 3: The Historic Pottery of the N. Tewa. *Pottery Southwest* 15(4):1-6.
 1988 Source Identification of Early Historic Pottery of the Tewa and Tanos. Paper presented at the "Current Research on Late Prehistoric and Early Historic New Mexico" conference, New Mexico Archaeological Council.

- Olinger, B., and A.I. Woosley
 1989 Pottery Studies Using X-ray Fluorescence, Part 4: The Pottery of Taos Pueblo. *Pottery Southwest* 16(1):1-8.

- Woosley, A.I., and B. Olinger
 1988 The Casas Grandes Ceramic Tradition: Production and Interregional Exchange of Ramos Polychrome. Paper presented at the "Culture and Contact: Charles C. DiPeso's Gran Chichimeca" conference, Amerind Foundation.

SOUTHWESTERN PARROTS

(from the New York Times News Service)

For those archaeologists finding exotic avifauna in sites, the *New York Times* has a report that may interest you. The paper reports that attempts to re-establish the thick-billed parrot in the Chiricahua Mountains of Arizona are underway. This species of green and red parrot once ranged throughout southeastern and east-central Arizona but now mainly inhabits the western Sierra Madre of Mexico. The parrots prefer the forests above 7000 ft. where they eat pine cones and roost in the dense inner boughs of fir trees. Those birds reintroduced in the Chiricahuas have established a migratory pattern of flying north to the Tonto Basin in June and returning to the Chiricahuas for the winter.

INFORMATION WANTED

FROM J.R. GOMOLAK

- "Nothing escapes the eye of the trained social scientist."
Bussey to Gomolak, 1974
 "The eye definitely, but the mind?"
Gomolak to Bussey, 1974
 "Damn near everything escapes the mind."
Bussey to Gomolak, 1974

Being on the front end of the baby-boomer bulge in the ranks of New Mexico archaeologists, and having friends who are in the middle, or on the other end, I'd like to initiate a project to gather the folklore of this "generation" of archaeologists. This should include tales of high misadventure, failures and successes, field school foul-ups, and low misadventure, or stories "on" the previous generation--our fearless leaders of yesteryear, their foibles, and what they did to you. And the contortions of our cohort, as we went from dewy-eyed youngsters, to dirt covered students, to the exigencies of actually making a living "being an archaeologist." I have no idea whether there are any other sentimental souls in NMAC who would enjoy this, but John Stein and I, in a bar in the hills, thought it'd be worth doin'. I'll keep the files on an unfunded, volunteer basis, and if any stories are fit to print, will do excerpts for *NEWSMAC*. To start the ball rolling, I think that I know exactly what happened to Breternitz' Green Finger Flag at the Pecos '74 (or was it '75?) at Salmon (includes Loos, Chapman, Gomolak, and Roxanne). If you can further illuminate this dark page of history, PLEASE WRITE: A.R. Gomolak, 729 Dunlap St., Santa Fe, NM 87501, or anonymously to the Editor, *NEWSMAC*. Names may be changed to protect the guilty. Accounts provided need not be strictly factual.

VOLUNTEERS NEEDED

The **Commission for the Preservation of Historic New Mexican Churches** is looking for archaeologists to act as advisors on the archaeological aspects of church preservation. The commission, established two years ago by Archbishop Sanchez, represents the first effort in the nation to preserve historic churches. There are about 200 historic churches in New Mexico, many of which need preservation. Archaeologists are needed for consultation on legal requirements and to help fill out a church's history through archaeology. If interested, contact: Claire Munzenrider, Chairperson, Art and Environment Subcommittee at (505) 827-8350.

PERIODICALS

Pottery Southwest is a newsletter about ceramic studies of all sorts from the greater Southwest, published quarterly by the Albuquerque Archaeological Society. It contains

short articles on ceramic studies and cases, reviews of books and articles on ceramics, exchanges of ideas, and requests for information on any type of ceramic question. NMAC members are encouraged to communicate their findings and questions through this publication, and to subscribe (where else can you subscribe to something for \$3.00 per year?). *Pottery Southwest* depends upon contributions from its readership. It's a good place to get out results or interesting nuggets without going through the long turn of journals or many obscure contract reports. Send your contributions to: Wolky Toll, Research Section, Museum of New Mexico, P.O. Box 2087, Santa Fe, NM 87504. To subscribe, write: Bill Sundt, 6207 Mossman Pl. NE, Albuquerque, NM 87110.

PUBLICATIONS

The collected papers of the **Fourth Jornada Conference** (October 1985), edited by Meliha S. Duran and Karl W. Laumbach, is available from Human Systems Research, P.O. Box 816, Mesilla Park, NM 88047. The volume consists of 11 papers, totaling 254 pages. Cost of the publication is \$18.00 plus \$2.00/postage and handling. Orders should be sent to the editor.

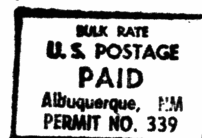
The **Protohistoric Conference** publication is expected out in the late summer of 1990. At present, the publication committee is in the process of selecting a technical editor. The volume consists of 31 papers, 53 figures, and 14 tables. By the next *NEWSMAC* issue, order forms should be available.

In 1989, the Museum of New Mexico Research Section conducted a survey of archaeologist's salaries in the seven western states. The survey covered salaries for archaeologists in governmental and private positions and over 400 responses were received. Copies of the summary report are available for \$3.50 from: David A. Phillips, Jr., Director, Research Section, Laboratory of Anthropology, P.O. Box 2087, Santa Fe, NM 87504. The complete survey data are available on diskette in a variety of software formats for \$10.00. Call (505) 827-8953 for details.

FROM THE EDITOR

Please let other NMAC members know what projects and research are occurring around the state by sending us a summary of your current research. Get the news out to your colleagues and friends. If you have or know of job openings, new publications, or other items of interest for the archaeological community, *NEWSMAC* is a forum for spreading the word. If you have an open letter for the membership or editorial comments, please send them to the editor.

The editor wishes to thank the Museum of New Mexico Research Section for use of their IBM Personal Pageprinter II on which this issue of *NEWSMAC* was printed.



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NEWSMAC

1990 Number 2

June

PRESIDENT'S CORNER

On behalf of the Executive Committee, I would like to thank the NMAC members who attended the April meeting in Albuquerque, and to ask those who did not, to attend future general business meetings. The April agenda was full, informative, and reflected the more active role NMAC is taking on the local and regional level in issues of education and legislative policy. These two concerns have been identified as the major foci of NMAC activities this year and we need your support to accomplish the goals outlined for these committees in this issue of the newsletter. That support can come by joining standing committees, serving as the eyes and ears for those committees, and attending meetings and workshops. We need more than your membership to continue to serve as the voice of the professional community in New Mexico. We need your active participation if we are to make a difference.

Since the April meeting a number of interesting things have developed. First, members of the Executive Committee, along with Dave Cushman, attended a political debate among the democratic candidates for State Attorney General. Dave Cushman queried the candidates about their position on cultural resources and the burial bill. Although all four candidates offered support for cultural resources and promised enforcement of the burial bill, clearly Patrick Apodaca provided the most encouragement for continued and strengthened cultural resource protective measures. All who attended the debate felt NMAC should watch this young lawyer and invest time in keeping him informed on cultural resource issues. Second, a decision was made to poll the Democratic and Republican candidates for governor and attorney general on cultural resources after the primary elections are over. Look for the results in the next issue of *NEWSMAC*. Third, a letter of support for the Chama Gateway bill was sent to Congress after the April meeting. As stated in the letter, both the Executive Committee and general membership felt it was imperative that the impacts to cultural

resources, because of increased visibility and visitation, be identified and additional funds be appropriated for increased protection. Fourth, NMAC's participation in the Four Corners Tribute, scheduled for June 19-21, had to be canceled because we could not find enough people to watch the desk. However, as a result of planning, the committee identified several important areas for NMAC involvement at the community level that will eventually lead to increased awareness, preservation, and protection of cultural resources. Lastly, a format for the ceramic workshop series publication has been decided upon and the authors will be contacted soon.

In closing, for those of you who have not sent in your 1990 dues, please do so. For those of you who have, we appreciate your continued support.

Cherie L. Scheick

MEETINGS/WORKSHOPS

August: The next **NMAC** meeting will be held at a yet to be decided date. The meeting will take place at a field location, probably in the Jemez area. Notice of the meeting will be sent to members when the date and location are determined.

June 19-21: **Adventures in the Past: A Four Corners Tribute**, sponsored by the Bureau of Land Management, will take place at the Anasazi Heritage Center in Dolores, CO. The focus is on preservation of Anasazi remains and how more sites might be opened for public visitation but there will also be flintknapping demonstrations and traditional stories told by a Hopi tribal member. Guided tours of area sites are planned from June 20-24. Contact: Anasazi Heritage Center; (303) 882-4811.

August 16-19: The **Pecos Conference** will be held in Blanding, Utah. Papers, presentations, and poster

sessions will take place at the Nations of the Four Corners Cultural Center and the Edge of the Cedars Museum. Two mini-symposia are planned, one on J.O. Brew's landmark work in the Blanding area and the second on innovative developments in the management of the archaeological record in southeastern Utah. Conference fees: \$10 for advanced registration (before July 15) or \$12 at the conference. Advanced registration is requested so that organizers may plan accordingly. Contact: Winston Hurst, Edge of the Cedars Museum, P.O. Box 788, Blanding, UT 84511.

October 12-14: The 22nd **Great Basin Anthropological Conference** in Reno, NV. Contact: Robert L. Kelly, Department of Anthropology, University of Louisville, Louisville, KY 40292.

November 9-10: **Apache Ethnohistory and Archaeology**, focusing on the Chiricahua and Mescalero Apache, will be held at the Civic and Activities Center in Truth-or-Consequences, NM. The conference is cosponsored by NMAC and Human Systems Research, Inc. Two full days of papers are scheduled for November 9-10 and field trips to local sites important to Apachean culture history are tentatively planned for November 11. A limited number of volunteered papers will be accepted. Inquiries concerning papers should be addressed to Stephen H. Lekson, Arizona State Museum, University of Arizona, Tucson, AZ 85721. Registration fees of \$25.00 should be sent to NMAC.

NMAC BUSINESS

LEGISLATIVE WATCH COMMITTEE

(Dave Cushman, Chair)

The Legislative Watch Committee has been busy in the last couple of months. We have been active in supporting several pieces of preservation-related legislation in Washington, D.C.; more clearly defined our role within NMAC; and have begun to draw up priorities for future action.

The House Subcommittee of National Parks and Public Lands recently voted to recommend passage of the bill to create the Petroglyph National Monument and the Pecos National Historical Park. Our committee called Rep. Bill Richardson's office and the Chair of the Subcommittee, Rep. Bruce Vento, to voice our support for this piece of legislation.

We also voiced our support for the passage of the Chama Gateway bill now before the Senate. In a letter to the Chair of the Senate Committee on Energy and Natural Resources, we specifically endorsed the involvement of the Forest Service and the Bureau of Land Management in the public education and interpretation provisions of the Chama Gateway program.

The committee continues to study Senate Bills 1578 and 1579 that would create a new independent preservation agency to replace the National Park Service in preservation regulation and to strengthen the Archeological Resources Protection Act and the National Historic Preservation Act respectively. We have identified problems with these pieces of legislation and are unsure that we can support them in their present form. Public hearings on these bills will begin this summer.

Half of the committee members were able to meet in Santa Fe in May to clarify the role of the Legislative Watch Committee and to identify priority issues that we believe warrant NMAC's involvement. The role of the committee is threefold:

- To be the eyes and ears of NMAC. To collect information for the purpose of educating and informing the members on issues of concern to NMAC.
- To identify issues of concern and to make recommendations for action to the executive committee.
- To educate public officials in the need for historic preservation and to work with them in preservation initiatives.

To pursue these goals, the committee discussed a number of issues in which we thought NMAC

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NEWSMAC Editor: Tim Maxwell

should be involved. Of the ten or so issues of current interest, we recommend that NMAC pursue four of them. These are:

- Stemming the international trade and export of American antiquities.
- Starting a site steward program.
- Again attempting to get an archaeological ordinance for Albuquerque.
- Working toward repeal of the 1872 mining law.

Committee members have been assigned to each of these topics and have the responsibility for identifying the problem and making recommendations for solutions. Sandy Marshall (827-5513) will look into the export problem. Dave Cushman (827-8320) and J.R. Gomolak (827-5738) have signed up for the site steward project. Jim O'Hara (827-8320) and Carol Condie (255-9264) will take on the Albuquerque ordinance morass. Jim O'Hara will also tackle the 1872 mining law. There is a lot to do and the committee needs help. If you are interested in

personally making a difference on these topics, please contact the committee member in charge of the topic. The formation of working subcommittees is anticipated. Join up today! More later as efforts develop.

PUBLIC EDUCATION AND AWARENESS COMMITTEE (Dave Legare, Chair)

With the realization that millions of dollars are being spent on cultural resources by federal, state, and local research and management agencies comes the further realization that the American public understands little of what archaeology is and what it means to them. To do our part in attempting to close this gap in understanding, NMAC has authorized a Public Education and Awareness Committee to act as a clearinghouse for information on (1) the activities of archaeologists throughout the state; (2) to provide speakers as needed to schools, public service

Dear Member:

The NMAC Public Education and Awareness Committee would like to compile a directory of members for distribution to individuals, archaeological organizations, and public groups requesting expertise or speakers in archaeology and allied fields. This directory will include members names, their field of specialization, fees for services, and other pertinent information. If you would like to be included in the directory, please fill out the form and return it to: NMAC, P.O. Box 1023, Albuquerque, NM 87103.

Name:

Address:

Phone:

Institutional affiliation:

Professional Specialization(s)	Geographic region(s) of Interest	Fees	Willing to lecture on this topic/region?	To what audience will you lecture?	Lecture fees?
				Elementary School <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
				High School <input type="checkbox"/>	
				College <input type="checkbox"/>	
				Local societies <input type="checkbox"/>	
				Community groups (Lion's Club, Rotary, libraries, etc.) <input type="checkbox"/>	

organizations, and clubs that are interested in learning about our past and (3) to write popular articles on archaeology for newspapers and magazines.

The committee currently consists of two members: Dave Legare (Coyote Ranger District, Coyote, NM 87102; 638-5547) and Lonyta Viklund (Southwest Archeological Consultants, 127 Romero St., Santa Fe, NM 87501; 984-1151). In order to be effective in our goal of raising the public's awareness of the value of archaeology, the committee needs more members and a list of speakers and writers. If you are interested and wish to contribute your time to a noble cause, please call Dave or Lonyta.

NEWS FROM AROUND THE STATE

TEST EXCAVATIONS ON THE SANTA FE PLAZA

On May 23, the Santa Fe City Council unanimously approved a proposal to conduct test excavations on the Santa Fe plaza in September of this year. It is hoped that the testing program will be the first phase of a three-year project to learn more about early life in the city. The project will address historical arguments concerning the possibility that Santa Fe was built on the ruins of a prehistoric pueblo and that the plaza's size and location have changed over the years. Archaeologically, it is hoped that evidence for early settlement and subsistence patterns, as well as plaza activities, can be found.

The second phase, to be voted on next year by the city council, calls for test excavations in San Francisco Street, on the south side of the plaza. City records indicate that there are no underground utilities in this area, implying that subsurface remains may be undisturbed. The third project phase, to take place as part of the Columbus Quincentennial commemoration in 1992, will consist of expanded excavation in those areas where testing reveals potentially important remains. If no intact remains are found during the first two phases, no additional excavation is planned. After excavations are completed, exhibits about life in early Santa Fe and use of the plaza are planned.

The money for the test excavations will be raised through private donations but the city has agreed to spend \$6000 for analysis of materials recovered in 1990. Because this is a city-sponsored project, it will be open for bidding to qualified archaeologists and organizations. A Request for Proposals is expected to be completed by the end of June and the test excavations will begin on or about September 10. For more information, contact Linda Tigges, City of Santa Fe Planning Department (984-6609) or Tim Maxwell, Museum of New Mexico (827-8953).

OF INTEREST

ARMS CONFERENCE PROCEEDINGS

(Tim Seaman, Historic Preservation Division, Archaeological Records Management System)

The Office of Cultural Affairs, New Mexico Historic Preservation Division, hosted a conference for ARMS users at the Museum of Indian Arts and Culture in Santa Fe on 6 April 1990. The event marked the beginning of an intensive planning effort by the Historic Preservation Division aimed at setting a course for the ARMS program through the 1990s. The conference was well attended by representatives from most state and federal land managing agencies, and most of the institutions involved in contract archeology in New Mexico. Three key areas of concern were addressed by the conference participants:

- What kind of data should ARMS collect?
- How should that data be accessed by ARMS users?
- How should ARMS be supported?

Although no decisions were made during the conference on any of these areas, there was a consensus on some points that is guiding our planning efforts. Regarding the question of what data to collect, there were few suggestions that the ARMS site variable set be expanded or redesigned in any major way, and although there was general agreement that boundary data for archeological surveys should be added to the system, there was no consensus on how that might be done. This enhancement to ARMS was seen as a very high priority by all conference attendees, but there was some concern expressed by users that ARMS should remain focused on being the clearinghouse for archeological data, rather than on developing a fully configured geographic information system to deal with surveyed space. The question concerning data access also elicited a variety of responses from the conference participants and no consensus emerged. Some users felt that the existing access modes, either directly through ARMS or through BLM copies of the database, were meeting their needs. Others agreed that direct dial-up access to the database and ARMS database subscriptions would be desirable. As might be expected in a conference format, the question concerning support of the ARMS generated little discussion, but there was general agreement that all users should support the system in an equitable fashion.

As promised at the conference, a prospectus and a questionnaire concerning the ARMS program are

now being distributed. The ARMS prospectus describes the program's history, outlines its current operations and the problems that it will face in the coming decade, and proposes some solutions to those problems. The questionnaire is designed to provide information essential to HPD's analysis of user needs and its formulation of a long term plan for ARMS. Analysis of user feedback will allow HPD to make strategic decisions in the redesign of the Archeological Records Management System and, consequently, its ability to meet the demands of its users in the 1990s. Please call ARMS (827-8945) if your organization has not yet received these documents.

It is very important that all institutions involved in cultural resource management within New Mexico provide carefully considered answers to the ARMS questionnaire. In completing this survey instrument, remember that we are looking for long-term solutions to our problems and not short-term fixes. It is a time to consider ARMS as an investment in the future of New Mexico's past. The decisions we make at this point have the potential to enhance our ability to perform archeological research in New Mexico and manage our archeological resources wisely. Please try to assess your institution's need for ARMS data and services in the next decade while you complete the questionnaire.

To all of you who participated in the ARMS Conference: Thank You! And thank you in advance for reading the ARMS prospectus and completing the questionnaire by June 15.

POSITIONS AVAILABLE

Alpine Archaeological Consultants, Inc. (P.O. Box 2075, Montrose, CO 81402-2075) anticipates the following openings for upcoming survey, excavation, and ruins stabilization projects in Colorado, Utah, and New Mexico:

Project Directors: Ph.D. or M.A. degree in Anthropology with substantial field experience, demonstrated ability to supervise field crews and laboratory analysis, and excellent writing skills. Must meet federal and state permit regulations for project archaeologists.

Crew Supervisors: M.A. or B.A. degree in Anthropology with two years field experience and demonstrated ability to supervise field crews. Must meet federal and state permit regulations for supervisory positions.

Field Archaeologists: B.A. degree in Anthropology or prior field experience.

Salaries and benefits are dependent upon

experience. Contact Alan Reed, Jon Horn, or Susan Chandler at (303) 249-6761 for more information.

Pecos National Monument is looking for a Museum Technician (Anthropology) for a one-year period. The position requires the identification and cataloging of approximately 13,000 items in a collection of prehistoric and historic artifacts on long term loan to the National Park Service. This will require beginning expertise in Northern Rio Grande glaze ware pottery as well as the ability to describe items as to color, size, and weight. The worker will be expected to be knowledgeable in museum procedures, techniques, tools, and materials. Contact: Pecos National Monument, P.O. Drawer 418, Pecos, NM 87552-0418; (505) 757-6414.

PUBLICATIONS

The following publications are available from the **Colorado Archaeological Society**. Contact: Donald Tucker, CAS, 920 Balsam St., Cortez, CO 81321.

Pueblo III Communities in Transition: Environment and Adaptation in Johnson Canyon (CAS Memoir 2), by Paul R. Nickens, details investigations by the University of Colorado in Johnson Canyon, a tributary of Mancos Canyon, 6 km south of Mesa Verde National Park. Excavations were conducted at Lion House and Hoy House, Pueblo III cliff ruins. Analysis emphasizes the ecological approach to explaining how the people lived and why they abandoned this canyon. \$6.00 + .75 postage.

Rock Art of the Western Canyons (CAS Memoir 3), edited by Jane Day, Marcia Tate, and Paul Friedman, contains papers presented at a symposium at the Denver Museum of Natural History in 1987. Topics include astronomy and rock art, symbolism in San Juan Basketmaker rock art, and interpretation of rock art using historical ledgerbooks. This is a joint publication of the Denver Museum of Natural History and the CAS. \$10.95 + 1.30 postage.

Temporal Assessment of Diagnostic Materials from the Piñon Canyon Maneuver Site (CAS Memoir 4), edited by Christopher Lintz and Jane L. Anderson, reports chronologically sensitive feature and artifact trends in southeastern Colorado. The report summarizes the results of recent investigations into this little known area, utilizing projectile point, ceramics, radiocarbon and obsidian hydration dates, prehistoric architecture, and historic artifact categories of cartridges and glass. \$15.00 + 2.00 postage.

The **Museum of New Mexico, Research Section**

(P.O. Box 2087, Santa Fe, NM 87504) has recently published the following reports:

Howiri: Excavation at a Northern Rio Grande Biscuit Ware Site (Laboratory of Anthropology Note 261b), by Denise Fallon and Karen Wening, reports on sample excavations at this Pueblo IV village located in the northern Rio Grande along Ojo Caliente Creek. The excavations and analysis indicate a short, continuous occupation of the site near the end of the Pueblo IV period. \$18.00 + 1.50 postage.

A Sixteenth-Century Spanish Campsite in the Tigues Province (Laboratory of Anthropology Note 475), by Bradley J. Vierra, reports on LA 54147, near Bernalillo. The ceramic assemblage indicates occupation of the site between A.D. 1525 and 1625 while radiocarbon dates support a sixteenth-century occupation. Based on the presence of metal artifacts and sheep bone in a sixteenth-century context, the site appears to represent a Spanish expeditionary campsite. \$26.50 + \$1.50 postage.

FROM THE EDITOR

Please let other NMAC members know what projects and research are occurring around the state by sending us a summary of your current research. Get the news out to your colleagues and friends. If

you have or know of job openings, new publications, or other items of interest for the archaeological community, *NEWSMAC* is a forum for spreading the word. If you have an open letter for the membership or editorial comments, please send them to the editor.

NEWSMAC should also provide a forum for a variety of other topics on current research and debate. Dialogue on recent research results of broad appeal, alternative opinions on theoretical issues, or reviews of various research tools ranging from field techniques to computer programs, are all welcome. Please consider sending such contributions or call me at 827-8953 if you have other ideas.

Again, the editor wishes to thank the Museum of New Mexico Research Section for use of their IBM Personal Pageprinter II on which this issue of *NEWSMAC* was printed.



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The New Mexico Archaeological Council Announces the Publication of

CURRENT RESEARCH ON LATE PREHISTORIC AND EARLY HISTORIC NEW MEXICO

edited by Bradley J. Vierra

NOVEMBER 1988

CONTRIBUTIONS BY:

PUEBLO RESEARCH

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Terry L. Corbett

Amy C. Earls

Jonathan Haas and
Winifred Creamer

Albert H. Schroeder

Linda Mick-O'Hara

Mollie S. Toll

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ATHABASKAN RESEARCH

Patricia M. Hancock

Joseph Winter and
Patrick Hogan

Curtis F. Schaasfma

Charles M. Carrillo

Frank E. Wozniak

Jeffrey S. Girard

David M. Brugge

This volume, dedicated to 'Coronado', contains the papers presented at the Protohistoric Conference held in Albuquerque, New Mexico in 1988. The volume contains 31 papers (approximately 350 pages with 53 illustrations) covering the Protohistoric Pueblo, Spanish Colonial, and Athabaskan periods.

Conference attendees please contact Dave Kirkpatrick for special conference order form at:

3201 Linden
Las Cruces, New Mexico 88005
(505) 524-9456 (work)

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Espey, Huston and Associates, Inc. is seeking two full-time archaeological supervisors for projects in
northeast Texas, New Mexico, Arizona and California. Applicants must have M.A. in Archaeology or
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P.O. Box 519
Austin, Texas 78767
(512) 327-6840

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**Wayne Glander or Clell Bond
P.O. Box 519
Austin, Texas 78767
(512) 327-6840**

MEETINGS/WORKSHOPS

September 21: NMAC meeting at the Laboratory of Anthropology/Museum of Indian Arts and Culture in Santa Fe. The meeting will begin at 9:00. An aide from Senator Jeff Bingaman's office will discuss the proposed Mimbres Culture National Monument bill.

November 9-10: Chiricahua and Mescalero Apache Conference in Truth-or-Consequences, NM. The conference will cover the cultural resources and cultural heritage of the Chiricahua and Mescalero Apache. On November 9 and part of November 10 will be papers and presentations on cultural resources and cultural resources management. The afternoon of November 10 will be devoted to cultural heritage concerns, with presentations by representatives of the Mescalero and Chiricahua tribes. The conference is sponsored by NMAC and Human Systems Research and is supported by the New Mexico Endowment for the Humanities.

NMAC BUSINESS

PUBLIC EDUCATION AND AWARENESS COMMITTEE

(Dave Legare, Chair)

Perhaps the greatest obstacle the field of archaeology has these days is the lack of understanding, the lack of communication, the gross erroneous assumptions carried by the general public of what archaeology is, what an archaeologist does, and the type of people who become archaeologists:

"How much gold do you get to keep?"
"Where's your whip?"

With the economic crunches of today, sciences not immediately pertinent to life or our lifestyle (such as medicine, geology, agriculture) are losing funding rapidly. Although archaeology and related fields play their part in life by providing a history of the past to be used for planning the future, the general public sees only that archaeologists are obscure, funny people who cannot get a "real" job, that they give no thought to the cultures whose "...grave they are robbing," and that they deliberately and maliciously create delays and stall progress.

These images can only be erased by archaeologists becoming more prominent in the public eye and in a more positive light. Archaeologists themselves must stress the importance of conservation and preservation of our cultural heritage. The media cannot help. Most articles about archaeology concentrate on the controversies resulting from archaeological sites "being in the way," and many articles and newscasts offer wrong information or are so edited by the time of release that they are unintelligible, or at the very least, confusing. In short, the majority of Americans have no idea what it is exactly that archaeologists do.

Precisely because archaeologists themselves tend to have a fairly low profile in the public eye, education is important our livelihood is at stake. With all of these factors in mind, the NMAC Public Education Committee was formed.

As a first step in bridging the education gap, the Committee hopes to establish a company of professionals from around the state that are willing to volunteer their time in speaking, conducting demonstrations at public events, and to write popular articles. People interested in helping to foster a greater understanding are urged to contact members of the Public Education Committee so that a list of available participants can be offered to interested parties. So

"You find dinosaur bones, don't you."

far, we have seven from around the state. The more participants, the more chance we have of being able to provide services around work schedules. The Committee would like to know the person's area(s) of expertise, interest, and their preferred target audience (school children, amateur societies, etc.).

The Committee will also send statewide announcements of this education service to schools and universities, civic groups such as the Kiwanis and the Elks clubs, Chambers of Commerce, nature groups, nature centers, museums, and Pueblos. If response is good, the mailing list will expand to include tourist agencies, senior citizen centers, Boys' and Girls' clubs, state and federal parks, and church groups.

Proposed subjects for discussion and demonstration are planned to be upbeat and non-political--volunteers are not expected to attend stonings. The emphasis of the Public Education Committee is to eradicate the attitude of "Us versus Them."

Also, the Committee has a list of ten magazines, so far, that may be inclined to publish any articles about archaeology/anthropology, and copies of each journal's writing style guide. If anyone has ideas for additions to the list, please let us know.

Only by making ourselves more prominent and available to the lay community can we hope

to educate people as to the value of archaeology in today's society. If you have any suggestions for the Committee, please send us your ideas.

ANNOTATED LIST OF MAGAZINES

(Loni Viklund)

The following is an annotated list of writer's guidelines from magazines that may be inclined to publish articles about archaeology and related fields. The list includes a brief description of the magazine's subject matter, requirements for publication, amounts paid to authors, and publication restrictions.

Each journal often has their own specific information and instructions beyond those listed here, but as a rule, they all require new authors send an inquiry to the magazine's editor including an abstract accompanied by samples of their writing. Prices paid range from \$15.00 to \$2000.00 depending upon the magazine and type of feature. Usually, the magazine retains exclusive rights to the article.

To date, not all journals contacted have answered but response is steady. If interested authors would like a copy of one or more of the guidelines, please send a self-addressed stamped envelope (up to 65¢ for all ten) with your request to NMAC, c/o Loni Viklund, P.O. Box 8617, Santa Fe, NM 87501.

Archaeology--art, science, history, and culture for non-specialist readers. Introduce recent developments in archaeology. Query the editor with a sample of writing and include brief personal vita. Fees paid not mentioned. Permission for reproducing articles elsewhere must be obtained from the magazine.

El Palacio--lively, colorful, entertaining interpretations of history and material culture (such as the Mystery of the Chaco Roads) and/or stories illustrating and/or analyzing the significance of Museum of New Mexico collections (such as the weavings of Mexico). Freelancers must query the editor with one page summaries of story ideas and clips of published works. Fees paid: \$50.00 plus three copies of the magazine. Exclusive copyright.

New Mexico Magazine--profile, travel, history, humor, Southwest lifestyles, arts and crafts, cultural topics (traditions, customs, celebrations),

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NEWSMAC Editor: Tim Maxwell

photo features, offbeat science (Hey! That's us!), and business stories. Query the editor and include samples of work. Fees paid: \$75.00-\$400.00. Magazine buys first North American serial or one-time rights for photos and artwork.

Outside--news events relevant to the outdoors, travel/places to explore, examination of a particular type of outdoor equipment/gear. Send a query with a sample of work and a self-addressed stamped envelope. Fees paid: \$100.00-\$2,000.00. No restrictions mentioned.

Saturday Evening Post--nonfiction, humor, short humorous poetry or anecdotes. Query first and enclose a self-addressed stamped envelope. Examples of writing would be nice. Fees paid: \$15.00-\$1,000.00. Articles can be submitted elsewhere.

Sierra (Sierra Club)--articles, photos, and art on environmental issues, features on issues and places important to environmentalists, travel/adventure/outdoors, environmental phenomena from nuclear war to scenic dumps (that's what it says, folks), legislation and policies, profiles on personalities, and book reviews. Send a query with a self-addressed stamped envelope. Fees paid: \$100.00-\$1,500.00. No restrictions mentioned.

NEWS FROM AROUND THE STATE

MIMBRES CULTURE NATIONAL MONUMENT ESTABLISHMENT ACT OF 1990

Senator Jeff Bingaman has introduced a bill to establish a national monument to commemorate and protect Mimbres sites in southwestern

Dear Member:

The NMAC Public Education and Awareness Committee would like to compile a directory of members for distribution to individuals, archaeological organizations, and public groups requesting expertise or speakers in archaeology and allied fields. This directory will include members names, their field of specialization, fees for services, and other pertinent information. If you would like to be included in the directory, please fill out the form and return it to: NMAC, P.O. Box 1023, Albuquerque, NM 87103.

Name:

Address:

Phone:

Institutional affiliation:

Professional Specialization(s)	Geographic region(s) of Interest	Fees	Willing to lecture on this topic/region?	To what audience will you lecture?	Lecture fees?
				Elementary School	Yes No
				High School ____	
				College ____	
				Local societies ____	
				Community groups (Lion's Club, Rotary, libraries, etc.) ____	

New Mexico. The Establishment Act of 1990 would set up a visitor's center in Silver City, including a display of Mimbreno artifacts. Four sites--Cameron Creek, TJ Ruin, Mattocks, and Woodrow--would be designated as monuments. Senator Bingham explains that the bill would help boost the Silver City-area economy and offer protection for the dwindling number of Mimbres sites.

Silver City's mayor and city manager support the bill but many local residents are opposed. Residents are worried about loss of their land and the effects of increased tourism on their community. The New Mexico Farm and Livestock Bureau board of directors unanimously voted to oppose the bill, saying that it would strip landowners of their private property.

Please attend the next NMAC meeting and learn more about this bill, it needs your support.

CHACO CULTURE NATIONAL HISTORICAL PARK AND PARTNERS IN PARKS

(Joan Mathien, National Park Service)

Partners in Parks (PIP) is a non-profit corporation for the promotion of technical and scientific collaboration between the National Park Service and private organizations or individuals. As reported by Joan Mathien at the last NMAC meeting, PP and the Chaco Culture National Historical Park (CCNHP) are forming a joint venture to create and make accessible a Chaco Common Catalog. The catalog will include information on all surveys, excavations, notes, maps, artifacts, photographs, etc. Currently, Sarah Bishop (PIP) and Larry Belli (CCNHP) are trying to recruit those interested in joining this endeavor.

Two programs that the NPS feels are especially needed and are appropriate for partnerships are baseline studies and archaeological surveys. As a baseline study, the Chaco Common Catalog is designed to bring together over 90 years of artifacts, papers, notes, reports, photographs, and maps into an annotated reference. Presently, it is not possible to accurately or efficiently manage the cultural resources at Chaco Canyon without the aid of a complete bibliographic reference to the prior archaeological work and either copies or images of the original documents, or knowledge of where these references and collections reside.

The annotated and computerized catalog will be developed in four stages: (1) a survey of institutions for estimates of Chaco holdings, including artifacts, field records, and publications; assessment of suitable hardware and software technologies; production of a phased plan of tasks necessary to locate, preserve, catalog, computerize, and duplicate the data for Chaco artifacts and related records; (2) locate and allocate funding; (3) accomplish the tasks and provide each participating institution with copies of computerized catalogs; and (4) prepare and issue a report analyzing the catalog project to provide guidelines for other similar projects.

If you are interested in directing, planning or developing this project, or just want to know of its progress, contact Partners in Parks, 1855 Quarley Place, Henderson, NV 89014; (702) 454-5547.

ORGANIZATIONAL NAME CHANGE

(David A. Phillips, Jr., Museum of New Mexico)

Effective on July 1, 1990, the Research Section, Museum of New Mexico became the **Office of Archaeological Studies**, Museum of New Mexico. The OAS is no longer directly affiliated with the Laboratory of Anthropology/Museum of Indian Arts and Culture. The program continues to be part of the Museum of New Mexico and its mailing address, telephone number, and fax number remain the same.

SANTA FE PLAZA EXCAVATIONS

The first phase of test excavations on the Santa Fe Plaza will begin on September 17, 1990. David H. Snow and Cordelia T. Snow of Cross-Cultural Research Systems will be conducting the test excavations. Phase I will determine whether any significant remains exist under the plaza while Phase II tests, in 1991, will take place outside the plaza to the south. If significant remains are found, Phase III will consist of expanded excavations in those areas and will be part of the City of Santa Fe's Columbus Quincentennial commemoration.

The excavations are funded by private and public monies and donations are requested. If you would like to make a tax deductible contribution, please send it to: Recursos de Santa Fe--Plaza Archaeology, 826 Camino de Monte Rey, Santa Fe, NM 87501.

OF INTEREST

NATIVE AMERICAN GRAVE PROTECTION AND REPATRIATION ACT

Museums and art galleries are monitoring federal legislation that would require museums to return a broad array of American Indian artifacts. House bill 5237 and Senate bill 1980 do not directly affect dealers and collectors but are limited to federally funded institutions. Gallery owners have chosen to oppose the bills since the precedents created by the legislation, especially regarding burden of proof and right of possession could create confusion in the private sector.

Briefly, the bill would regulate and severely restrict archaeological field work by museums on federal land and would provide for inventory and return to Native American groups of a broad array of materials now held by public institutions, including human remains, funerary objects, objects of "inalienable communal property" and sacred objects.

Helmuth Naumer, Cultural Affairs Officer for the State of New Mexico who oversees the Museum of New Mexico division, states, "The legislation is rather flawed and needs a lot of work. If this law goes through in its current state, almost any Indian could claim almost anything." The Museum of New Mexico has 500,000 objects in its collection, many of them linked to Native Americans. The museum has taken the lead nationally in assuring that skeletal remains and sacred objects are returned to tribal communities that want them but Naumer feels that the proposed legislation is too overreaching. Naumer suggests that the legislation should allow museums to hold certain objects that tribes could remove for ceremonial use and later return. In that way, museums hold the objects in trust for Native Americans as well as other communities.

Supporters of the bill accuse opponents of misstating information about the objects that would be involved and the costs and time that would be incurred to return them. Walter Echo Hawk, senior staff attorney for the Native American Rights Fund in Colorado says that the repatriation legislation is critical. "It is probably the most important human rights legislation for Indians since the American Indian Religious

POSITIONS AVAILABLE

The **Navajo Nation Archaeology Department** (NNAD), in anticipation of a significant expansion of its operations, is accepting applications for permanent field and laboratory positions in cultural resource management. Long term positions are available for persons qualified and experienced in large- to medium-scale inventory, test excavation, supervision of mitigation projects, laboratory supervision and analysis, and technical report preparation. Southwestern field experience is required and supervisory experience (crew chief or project director level) is preferred. Entry-level salaries range from \$20,030 to \$24,336, depending upon academic credentials and experience. A strong benefits package includes medical, dental, and vision care.

The NNAD is an agency of the Navajo Nation and therefore strongly urges qualified Navajos to apply. Anyone interested in long term or permanent employment should send a current vita/resumé and three references to the Navajo Nation Archaeology Department, P.O. Box 689, Window Rock, AZ 86515; or call (602) 871-6540.

CURRENT RESEARCH

Office of Contract Archaeology, University of New Mexico

Major reports produced this year include *The NZ Project Archeological Survey Report*, by Janette Elyea, Peter Eschman, Peggy Gerow, Patrick Hogan, Barbara Mills, and Joe Winter; *Archeological Testing at Two Prehistoric Sites at Holloman Air Force Base, New Mexico*, by William H. Doleman, Janette Elyea, and Robert Dello-Russo; *Living On The Land: 11,000 Years of Human Adaptation in Southeastern New Mexico*, by Lynne Sebastian and Signa Larralde; *Island In The Sun The Mesa del Sol Sample Survey*, by William H. Doleman, Joseph C. Winter, John D. Hays, and Michael J. Berman; and *American Indian Land Use at El Malpais*, by Barbara E. Holmes. Several large projects are now in the field or writeup stages including the following:

Peggy Gerow (with Richard C. Chapman as Principal Investigator) completed an intensive survey of 4,200 acres near Los Lunas, New Mexico. Ten archeological sites were recorded including eight lithic scatters of unknown date and two, pre-WWII historic sites. In addition, four sites previously recorded by the National Forest Service on adjacent parcels were redocumented. These sites consist of two Anasazi seasonal residential areas, one possible early Archaic hunting locus and one pre-WWII historic camp-site. The cultural resources documented indicate that the area was utilized, though somewhat sporadically at times, by prehistoric and historic groups over the last 9,000 years.

Jeanne A. Schutt (with Richard C. Chapman as Principal Investigator) directed excavations at three sites at Cuchillo Negro Dam near Truth or Consequences, New Mexico beginning in July, 1989. Excavations were primarily focused on a multicomponent Late Pithouse/Mimbres village (LA 50540) dating between A.D. 620 and A.D. 1150. Ceramic data indicate that the site was occupied during the Georgetown Phase, abandoned, and then reoccupied during the Classic Mimbres phase. Structures include a circular community structure and ten pithouses which date to the Georgetown Phase, and five non-contiguous surface rooms which are likely to date to the Classic Mimbres Phase. An additional 150 smaller features and an extensive midden are present. The site represents one of few extensively excavated pithouse villages along the east slope of the Black Range. Excavation was continued at an additional eight smaller sites beginning in June, 1990. Preliminary results from these excavations indicate further evidence of a substantial Georgetown Phase occupation, overlaid by a Mimbres occupation. Analysis thus far has emphasized petrographic and refiring studies of Mimbres Style III Black-on-white and Alma Plain ceramics. Preliminary results indicate that the Alma Plain wares may be made locally, while the Mimbres B/w vessels were manufactured at a number of different regions.

Michael Marshall (with Joseph C. Winter as Principal Investigator) surveyed 280 acres surrounding seven ancestral, eighteenth century Navajo Pueblito complexes in the Dineta District of northwestern New Mexico. The pueblitos were Split Rock, Largo School, Hooded Fireplace, Tapacito, Frances Canyon, Shaft

House, and Simon Canyon. Fifty-three sites including the pueblitos, were located and recorded. The inventory revealed that six of the tracts, with the exception of Simon Canyon, consist of large complexes of features and outlying sites--such as fork stick hogans, sweat lodges, and ovens--associated with the pueblitos.

Marshall (with Richard Chapman as Principal Investigator) continued the Pueblito Survey in March, 1990 at two additional Pueblito complexes in Crow Canyon, a tributary to Largo Canyon. The pattern of masonry Pueblitos and apparently associated fork stick hogans, sweat lodges and ovens was again observed at the Crow Canyon and Hadlock's Crow Canyon locales.

John Hays (with Joseph C. Winter as Principal Investigator) test excavated and surface collected four sites east of the Rio Grande River near Belen, New Mexico. Two sites (Chance: LA 69883 and Banks: LA 74161) were prehistoric, of the late Pueblo III/early Pueblo IV period. These date to about A.D. 1250 to 1350. The other two (Tinker: LA 69882 and Evers: LA 69881) are historic trash concentrations, probably related to the original railroad construction of the Belen Cutoff in 1904-05. Analysis of materials and surface patterns collected from the Evers site indicates that it was probably a construction workers' camp. Tinker is similar but shows less coherent site structure.

William Doleman (with Joseph C. Winter as Principal Investigator) carried out a ten percent Class II archeological survey of 68 whole or partial sections (40,160 acres) within the BLM's El Malpais National Conservation Area by walking 20 m wide transects at 200 m intervals, with transects oriented across prevailing environmental zones. One hundred and four sites were recorded along with over 500 isolates. The majority of the sites are Anasazi Pueblo II-III in age, although one Archaic site and several historic sites were found as well.

Peggy Gerow (with Patrick Hogan as Principal Investigator) supervised excavations at 21 sites in south-central New Mexico. The sites date primarily to the Late Archaic and early Formative periods and, for the most part, reflect wild resource procurement in upland areas adjacent to the Rio Grande Valley. Analysis of the materials should provide the data needed to assess preliminary models of regional subsistence strategies.

Janette Elyea (with Patrick Hogan as Principal Investigator) completed a second season of excavations of three Archaic sites south of Farmington. Investigations centered on five components, each marked by two or more structures and associated extramural work areas. At least two major, occupation periods are represented, one dating 4000 - 5000 B.P. and the other 2500-2000 B.P. We suspect that these are winter camps. If our analyses support this contention, current models of Archaic mobility strategies in the region will have to be revised significantly.

Charles Amsden (with Joseph C. Winter as Principal Investigator) surveyed the 120 mile long San Juan Basin Pipeline Route from Bloomfield to Thoreau, NM. Seventy-four sites, ranging from Archaic through Anasazi and early Navajo to recent Navajo, were recorded. OCA will also survey the 210 mile long, related Trans-western Pipeline from Gallup to Needles, California, and carry out all excavations and related work on the two ENRON pipelines.

Charles Amsden (with Joseph C. Winter as Principal Investigator) also completed excavation at a small, multicomponent Anasazi-Spanish site near Valencia, and completed most of the excavation at a much larger Anasazi-Hispanic site at Valencia. The former yielded Socorro Phase, Pueblo II artifacts and Colonial Phase Hispanic trash, while the latter is a Pueblo IV midden with a burial, and an early Spanish Colonial trash dump.

Other ongoing projects include excavations at the Cox Land Exchange sites near Las Cruces, the development of a mitigation plan for the Fruitland Coal-Gas Development project near Farmington, and the survey of 52 sites in Cebolla Canyon near El Malpais.

A MEMORIAL

Cynthia Cora Irwin-Williams
April 14, 1936 - June 16, 1990

(Wilderness Experience near Ely, Nevada. Written May 29, Memorial Day, on Cynthia's return to Reno)

COMING HOME FROM THE FIELD

What a Joyous Time - What a Rapture this has been.

In the physical reality - I am very lame and sore - my broken legs are swollen and painful; I am tired and sunburned; my eyes are puffed and windblown, and dusty and

sticky with dust and tiny bits of cowdung.

And None of this is important at all! For there is another Reality.

I have been in these last three days overwhelmed
 With a Renewing, a Rebirthing of
 The experience of Being in the Field,
 In the Wilderness, on the Quest
 To Explore and to Unlock
 The Secrets of the Past.

The pure excitement of my Craft,
 With its clarity of Purpose
 Its mysteries, its hopes and dreams
 The always novel and intriguing
 Quest for the Unknown.

The sheer unbroken Beauty of this Upland Wilderness
 With its own enormous, yet intimate, all encompassing
 Quality

Which Both overwhelms, and yet enlarges
 The Individual Participant
 In its Oneness, with the Cosmos and the Creator.

The incomparable joys of Comradeship
 Of old friends and special trust,
 Sharing hopes and hardships; bad jokes and old
 stories;

Half cooked camp-food, in a cold wind full of stinging
 sand,

The clasp of a shoulder, a helping hand
 Chores and hardships gladly shared.

Absurd and joyous, unselfconscious Fun
 Like lying for hours in the cold darkness

On the bottom of a dry cattle tank, the only windbreak
 With little eddies of dust and bits of cowdung swirling
 past us,

Telling the old stories, singing the old songs.

What a Joy! What a Joy!

This is part of My Song of Life

It has always been so, but now,

With the Experience and Enrichment, and Wisdom

Of the last few years

Of Growth, Depth and Breadth of emotions,

The strength of fiber and clarity of Life

Which comes as much from pain and suffering

As from pleasure and triumph.

All of this has made for a prolonged Rapture

A quality of Joy, and a chorus of Gratitude

Which is unique, perhaps, to these moments of my Life;

So much more glorious than the superficial, febrile and
 uncertain

Professional triumphs of my past.

What a Wonder!

That I have been given this chance

To know the full glory of this Human Experience

All my gratitude to You, Lord, for granting me these
 days

Of being fully alive, and in tune and harmony

With Your creation.

Freude, schöner, Gotterfunken

Tochter aus Elysium

(Oh Joy, Joy, Gift of God

Daughter of the Heavens)--Schiller/Beethoven

FROM THE EDITOR

Please let other NMAC members know what projects and research are occurring around the state by sending us a summary of your current research. Get the news out to your colleagues and friends. If you have or know of job openings, new publications, or other items of interest for the archaeological community, *NEWSMAC* is a forum for spreading the word. If you have an open letter for the membership or editorial comments, please send them to the editor.

NEWSMAC should also provide a forum for

a variety of other topics on current research and debate. Dialogue on recent research results of broad appeal, alternative opinions on theoretical issues, or reviews of various research tools ranging from field techniques to computer programs, are all welcome. Please consider sending such contributions or call me at 827-8953 if you have other ideas.

The editor wishes to thank the Museum of New Mexico Office of Archaeological Studies for use of their IBM Personal Pageprinter II on which this issue of *NEWSMAC* was printed.



BULK RATE U.S. POSTAGE PAID Albuquerque, NM PERMIT NO. 339
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New Mexico Archaeological Council Announces the Publication of

CURRENT RESEARCH ON LATE PREHISTORIC AND EARLY HISTORIC NEW MEXICO

edited by Bradley Vierra

CONTRIBUTIONS BY:

PUEBLO RESEARCH

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Terry L. Corbett
Amy C. Earls
Jonathan Haas and
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Patricia M. Hancock
Joseph Winter and
Patrick Hogan
Curtis F. Schaafsma
Charles M. Carrillo
Frank E. Wozniak
Jeffrey S. Girard
David M. Brugge

This volume, dedicated to 'Coronado' contains the papers presented at the Protohistoric Conference held in Albuquerque, New Mexico in 1988. The volume contains 31 papers (approximate 350 pages with 53 illustrations) covering the Protohistoric Pueblo, Spanish Colonial and Athabaskan periods.

Conference attendees please contact Dave Kirkpatrick for special conference order form at:

3201 Linden
Las Cruces, New Mexico 88005
(505) 524-9456 (work)

ORDER NOW AND GET THE PREPUBLICATION SPECIAL PRICE OF \$32.50!!!

After November 16, 1990, the volume will sell for \$40.00.

Please send me _____ copies at \$ _____.
(include \$2.50 postage and handling)

Mail order forms to:

New Mexico Archaeological Council - Treasurer
P.O. Box 1023
Albuquerque, New Mexico 87102

Insert

Chiricahua and Mescalero Apache Conference

Truth or Consequences, New Mexico

November 9-10, 1990

Conference Registration Form

Name: _____

Address: _____

NMAC members \$20.00

Number attending ____ @ \$20.00

Non-members \$25.00

Number attending ____ @ \$25.00

Total

The conference is sponsored by NMAC and Human Systems Research with support from the New Mexico Endowment for the Humanities

Local Accommodations

Ace Lodge

1014 N. Date St., T or C - 894-2151
Heated pool, playground.
\$26-\$60. MC, VISA, Carte Blanche,
Diners Club.

Dam Site Recreation Area

Elephant Butte Lake - 894-2073
Housekeeping cabins, restaurant,
lounge.
\$28-\$52. MC, VISA, American Express.

Best Western Hot Spring Inn

2700 N. Date at I-25 - 894-6665
Heated pool, complimentary breakfast.
\$36.50-\$49.50. MC, VISA, American
Express, Diners Club.

Dude Motel and Apartments

708 Broadway, T or C - 894-6794
Downtown.
\$22.80. No credit cards.

Butlers on the Beautiful Rio Grande

600 E. Riverside, T or C - 894-2744
Mobile home and RV park.
\$17. No credit cards.

Elephant Butte Resort Inn

Elephant Butte Lake - 744-5431
Pool, restaurant, lounge, tennis courts.
\$36-\$46. MC, VISA, Diners Club,
American Express, Carte Blanche.

Charles Motel and Bath House

701 Broadway, T or C
894-7154
Hot mineral baths, sauna, massage.
\$21.65-\$27.65. MC, VISA.

Motor Manor Motel

601 Main, T or C - 894-3648
Downtown
\$35. MC, VISA

Chateau Courts

801 Date, T or C - 894-3138
Kitchenettes
\$15-\$20. MC, VISA.

Super 8 Motel

N. Date St., T or C - 894-7888
No information.

Insert



NEWSMAC

1990 Number 4

December

PRESIDENT'S CORNER

In this last issue of *NEWSMAC* for the 1990 year, I would like to thank the members for their continued support of NMAC activities throughout the year. The co-sponsored Chiricahua and Mescalero Apache conference in Truth or Consequences on November 9-10 was a huge success. Not only did we learn about the archaeology and history of these people, but NMAC gained new members from both Arizona and Texas. Mr. Stephen Lekson, Curator of Archaeology, Museum of New Mexico, should be congratulated. Other activities scheduled for the coming year include the Historic Archaeology Artifact Workshop, the lecture series initiated by Stew Peckham, and a new mini-workshop series to follow general business meetings. The first mini-workshop is scheduled for the afternoon of December 7, following the final business meeting of the year. Ms. Bettina Raphael will discuss collection and preservation techniques for perishable materials. The mini-workshops are free but you must be a NMAC member to attend. Hopefully, this added benefit will continue to increase our membership in the coming year.

NMAC is currently involved in other activities to increase both professional and public awareness of the organization and the profession. This year, as part of New Mexico Historic Preservation Week (May 11-19), NMAC will provide speakers to public schools in each of the major cities in New Mexico. Talks will emphasize preservation and conservation of cultural resources and awareness of our unique cultural heritage. If you are interested in participating or helping to organize speakers in your area, please contact Ms. Carol Raish, Jemez District Ranger Station, Santa Fe National Forest. NMAC will also offer a public lecture one night in a number of cities. Topics have not yet been identified. If you have suggestions or want to participate, please contact me. Finally, NMAC has agreed to help Ms. Carol Condie set up an archaeological fair. Please contact her for details. As usual, all of these events as well as other scheduled activities are only successful with your participation. We encourage you to become actively involved in the organization and help extend its message.

In closing, please find time to attend the December 7 meeting. A number of important topics will be discussed including some needed changes in our bylaws, statues reports of the standing committees, and ideas for the archaeological fair. Hopefully, candidates for next year's Executive Committee positions will attend and be introduced to the membership. Ballots will be sent out the week of December 10 and should be returned no later than December 31. Late ballots will not be counted.

Don't forget, the end of the year is upon us. New 1991 registration forms are included in this newsletter. Thank you.

Cherie Scheick

MEETINGS/WORKSHOPS

December 7: The next meeting of **NMAC** will be held in Santa Fe at the Museum of Indian Arts and Culture at 9:00. The business meeting will include a discussion of proposed changes to NMAC's by-laws. The business session will be followed by a mini-workshop on artifact conservation (see page 4).

February 22-23: **Historic Artifact Analysis Workshop**, sponsored by **NMAC**, will be held in Santa Fe. The location is still to be determined.

NMAC BUSINESS

NMAC ELECTIONS

Election ballots for 1991 NMAC officers will be sent to members the week of December 10th. Included will be a short biography and the views of each candidate on the role of NMAC. Please take the opportunity to vote.

LEGISLATIVE WATCH COMMITTEE

(David Cushman)

The past year has been an active one for NMAC

and its Legislative Watch Committee. With the formation of the Committee, NMAC has become politically involved once again. This new sense of activism has emerged in response to the realization that NMAC is ideally suited to become an important advocate for archaeology and the archaeologist in New Mexico. Over the last year, the primary role of the Legislative Watch Committee has been to voice the concerns of the executive leadership and membership on legislative issues in the national political arena. In addition, we have been active in developing closer ties with New Mexico's congressional delegation, and we became involved in the recent general election here in the state. Below are some of the issues in which we have been involved.

Letters and phone calls were made to key congressional offices and committee chairs in support of the Petroglyph/Pecos National Monument Bill, the Chama Gateway Bill, and the Mimbres Culture National Monument Bill. The former has been signed into law and the latter two are awaiting reintroduction in Congress during the next session. We expressed our concern on the National Indian Forest Resource Management Bill and on the Fowler Amendment to the National Historic Preservation Act, both of which are still in the works.

It was through NMAC's involvement on the Mimbres Culture National Monument Bill, that David Vackar of Senator Bingaman's office came to speak to the membership at the last NMAC meeting. This is significant development in that it demonstrates that NMAC has a role to play in preservation issues in

New Mexico and that our position is beginning to be recognized. We look forward to working closely with Senator Bingaman's office in the future.

In the state general election, NMAC and the Legislative Watch Committee were active in polling the candidates for Governor, Attorney General and Land Commissioner (only the democratic candidates responded), and we addressed the candidates for Attorney General at a public forum here in Santa Fe.

The Legislative watch Committee is presently involved in a number of issues. These include efforts to rekindle the writing of an archeological ordinance in Albuquerque (hats off to Carol Condie and Jim O'Hara for all the work they have done to date), formulating a position for NMAC to take on several bills, revising the 1872 mining law (the issue is where do cultural resources fit into the larger environmental concerns), exploring a means to stop the trade in American antiquities (or at least how to mount an effective campaign of vigorous complaining), and to conduct a statewide survey of archaeological contract firms on the business of archaeology in New Mexico (see article this issue, page 3).

In all, the Legislative Watch Committee has been busy. We are still defining our role and learning to find our voice as a group. On the whole we have made a good start, and we will redouble our efforts to be the political action arm of the membership in the coming year. Remember, we represent you so give us a call.

My thanks and gratitude to the members of the committee, Carol Condie, Jim O'Hara, Sandy Marshall, Bill Brancard and J. R. Gomolak, for their assistance and suggestions.

PUBLIC EDUCATION AND AWARENESS COMMITTEE (Loni Vicklund)

In the last issue of *NEWSMAC*, Loni provided an annotated list of writer's guidelines from periodicals interested in articles on archaeology. She now has guidelines from ten publishers. If you would like copies of the guidelines, send a self-addressed stamped envelope (65¢ to handle all ten), to Loni Vicklund, P.O. Box 8617, Santa Fe, NM 87501. Here are guidelines that were not available by the last issue.

American Heritage--wants articles that describe the American experience and show how this country is different from others. Submit ideas to the editor in some detail after consulting their subject index.

New Mexico Archeological Council 1990 Officers

President: Cherie Scheick
President-Elect: Norm Nelson
Vice President: Judy Propper
Treasurer: Yvonne Oakes
Secretary: Cheryl Wase

NMAC Address:
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Albuquerque, NM 87103

Subscription to NEWSMAC is through membership in the New Mexico Archaeological Council. Membership is \$15.00 per year for individuals, \$25.00 as a sponsor, and \$25.00 for institutions.

NEWSMAC Editor: Tim Maxwell

Payment is made upon acceptance and pay is scaled by the type of article. No copyright restrictions are mentioned.

Environment--seeks articles that provide insights from technology, natural, and social sciences, into those issues affecting the physical, biological, and social environments. Send two copies of a double-spaced manuscript with notes typed on a separate page. Include a brief vita including recently published works. Fees paid: unknown. No mention of copyright restrictions.

Southwest Profile--wants profiles of artists and artisans. The magazine focuses on architecture, furniture, gardens, etc. Most readers are out-of-staters and tourists so articles on pursuits such as hiking or fly-fishing are also sought. Query the editor before submitting articles. Fees paid: \$25-50 for photos, \$150-200 for articles.

Traditions Southwest--deals with preservation in general. The editors believe that articles on the excavation of Colonial Hispanic villages or pueblos, with discussion of buildings, construction materials, and methods would be highly informative. Call Mike Moquin at 243-7801.

NMAC FINANCIAL SURVEY

(David Cushman)

In August, the Legislative Watch Committee mailed out a financial questionnaire to forty archaeological contracting firms located in New Mexico or who do business in New Mexico. To date, we have received ten responses. A 25% return is insufficient for collecting general data on the business of archaeology in the state. While the ten returns represent a total of 3.9 million dollars of work for the year 1989, it is clear that we do not have enough information to make a valid extrapolation.

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The NMAC Public Education and Awareness Committee would like to compile a directory of members for distribution to individuals, archaeological organizations, and public groups requesting expertise or speakers in archaeology and allied fields. This directory will include members names, their field of specialization, fees for services, and other pertinent information. If you would like to be included in the directory, please fill out the form and return it to: NMAC, P.O. Box 1023, Albuquerque, NM 87103.

Name:

Address:

Phone:

Institutional affiliation:

Professional Specialization(s)	Geographic region(s) of Interest	Fees	Willing to lecture on this topic/region?	To what audience will you lecture?	Lecture fees?
				Elementary School	Yes No
				High School	__
				College	__
				Local societies	__
				Community groups (Lion's Club, Rotary, libraries, etc.)	__

It is equally clear that most of the firms contacted either didn't care to answer the survey or chose not to out of concern for how and why the information would be used. Thus, an explanation and some pleading is in order.

As we said in the cover letter submitted with the survey form, the purpose of the survey is to collect financial information that will help NMAC gain the support of state and congressional legislators. We all know that most people, especially many politicians, could care less about archaeology and those who do the business of archaeology. To claim to our state legislators and congressmen that NMAC represents 200 professional archaeologists will mean absolutely nothing to them. But, to claim that we represent businesses that do between 6 and 8 MILLION DOLLARS worth of business in New Mexico every year will, I assure you, will get their attention. The fact is that archaeology is a legitimate small business and because of that, we have certain rights IF, as an organization, we are willing to exercise those rights. It is for this reason that the financial data is so important to our efforts to make NMAC not just a forum for academic debate, but a trade organization representing you the archaeologist in New Mexico.

We will try again. A second survey form will be sent out to all of the same organizations. For those of you who have already answered, just throw it away - our thanks. For those of you who haven't answered, please do so. If the problem is that you do not want to identify which 4-5 county region of the state you are based in, just tell us where you do most of your work. Or, if you feel you must, skip the locational info, just give us the financial data. We ask for locational information so that we can get a sense of how much money is being generated by archaeology in what part of the state. This information can be useful in demonstrating the impact that archaeology has on local economies, and can help in our dealings with state legislators.

As business people, it is time that archaeologists start to realize that no one is going to protect and promote our unique interests but ourselves. It is time for each of us to take the responsibility. Help us in this effort. Please fill out and return the financial survey form.

ARTIFACT CONSERVATION MINI-WORKSHOP

Bettina Raphael, conservator with the Museum of New Mexico, will conduct a mini-workshop on artifact conservation following the NMAC business meeting on December 7. The workshop will cover artifact conservation from the field to the lab, federal

regulations, and will provide general guidelines for artifact conservation. Ms. Raphael will also furnish a bibliography and a list of conservators. Specific examples of conservation will be offered but if you have questions about particular problems, please feel free to ask.

NEWS FROM AROUND THE STATE

BUREAU OF LAND MANAGEMENT (Steve Fosberg)

Under the sponsorship of the BLM, the Wilderness Studies Institute, from Durango, Colorado, recently finished the first field season of research at Hupobi, a large Rio Grande Classic Period pueblo near Ojo Caliente. Directed by Steve and Janice Glass, the research is focused on the recording and collection of artifacts in anticipation of the opening of the site for public visitation. The field studies included systematic recording of artifacts and the collection of a 10 percent random sample. A series of study plots were established to measure the types of impact that visitation will have on the site. The field research will be completed next year and construction of an interpretive trail will begin the following year. The BLM is also cooperating with the U.S. Forest Service in the development of exhibits and interpretive materials at the Chama Gateway center at the Ghost Ranch Visitors Center.

Other field research on BLM lands includes that of the University of Texas, under the direction of Darryll Creel, which had its second season of field studies at Old Town, a Mimbres site. Dr. Ed Staski, New Mexico State University, directed research at Fort Cummings, a nineteenth century military fort north of Deming. The New Mexico Archaeological Society finished its fourth year of recording rock art at the Three Rivers Petroglyph National Recreation Site. The first session of field research at Fort Craig was conducted by Jeanne Schutt and Jeanne Gerow of the Archaeological and Historical Research Institute. The work was conducted in anticipation of the construction of interpretive trails.

FOUR CORNERS GOVERNOR'S CONFERENCE UPDATE

A committee, consisting of 20 individuals from the federal, state, and private sectors, has been formed to take steps leading to a permanent **Four Corners Heritage Council**. Chaired by Larry Woodard, the committee foresees a council that would coordinate the management, protection, and promotion of culture resources in the Four Corners region for heritage tourism. Some draft legislation has been written and the committee is currently seeking congressional

support.

NM STATE ROAD 57/509 LOCATION STUDY

The **New Mexico State Highway and Transportation Department** (NMSHTD) Location Study Team met on August 7, 1990, to discuss the NM 57/NM 509 road construction project in the vicinity of Chaco Culture National Historical Park (CCNHP). The purpose of the meeting was to make a recommendation on how study on the project should proceed. Representatives of the Navajo Nation, Bureau of Indian Affairs, National Park Service, and NMSHTD were present.

Six alternatives were considered. The first included construction of a paved road from NM 371 to the south entrance of the CCNHP and construction of a paved road from the Gallo Wash park entrance to a paved extension of NM 509. Construction of the paved extension of NM 509 would be a part of the project and it would begin at Pueblo Pintado and would end at a point east of Nageezi on NM 44. The second alternative included construction of a paved road from NM 371 to the south entrance of the CCNHP and reconstruction and paving of existing NM 57 from Navajo 9 to the south park entrance. The third alternative included reconstruction and paving of NM 57 from Navajo 9 to the south CCNHP entrance. The fourth alternative included construction of a paved extension of NM 509 from Pueblo Pintado to a point east of Nageezi on NM 44 and construction of a paved or a dirt road spur to the Gallo Wash CCNHP entrance. The fifth alternative was to reconstruct and pave existing NM 57 from Navajo 9 to the south CCNHP entrance and construction of a paved road from the Gallo Wash park entrance to a paved extension of NM 509. Construction of the paved extension of NM 509 would be a part of the project and, as previously noted, would begin at Pueblo Pintado and would end at a point east of Nageezi on NM 44. The sixth alternative was "no build".

After discussions were completed, the Location Study Team determined that the extension of NM 509 from Pueblo Pintado to NM 44 was important to local residents and that construction of a road spur from NM 509 to the Gallo Wash entrance of the CCNHP was consistent with long term park management goals. Therefore, the team unanimously recommended that Alternative 4 be considered for further study and that no additional studies be completed on the other alternatives. On September 21, 1990, the NMSHTD Commission reviewed and approved the recommendation.

The NMSHTD is currently preparing a Request for Proposals (RFP) for consultant services to continue the location study, to prepare an environmental

assessment, and to conduct an archeological inventory for Alternative 4. It is hoped that the RFP will be released by the end of the year. A series of public meetings will be held next year so that everyone will have an opportunity to comment on the proposal. Please contact Steve Koczan of the NMSHTD at 827-5235 for additional information on the project.

NEW MAXWELL MUSEUM EXHIBIT

Following more than three years of planning and installation, the "People of the Southwest" exhibit opened on November 17. Covering 11,000 years of life in the Southwest, the exhibit describes the roots of today's cultural diversity.

The exhibit combines thematic and chronological approaches to organizing an imposing amount of information. There is a scale reconstruction of archaeological excavation in a room at Pueblo Bonito, complete with archaeological tools in their context. Interactive exhibits provide hands-on experience of archaeological methods and a computer game invites visitors to reconstruct a building, for example, from the remnants of what an archaeologist typically finds.

OF INTEREST

COMMITTEE ON THE HISTORY OF ARCHAEOLOGY

The **Society for American Archaeology** Committee on the History of Archaeology is charged with two tasks: to compile and publish an inventory of known archival sources for the history of Americanist archaeology and to develop a systematic program to find additional archival materials and facilitate their disposition in appropriate repositories. Committee members met at the School of American Research in July to begin planning for both of these tasks. Members of the committee in the Southwest are Curtis M. Hinsley, Jr., Andrew L. Christensen, and Christian E. Downum. Douglas R. Givens (St. Louis Community College), chair of the committee, is also editor of a newsletter on the history of archaeology. Plans call for publication at the end of the year. Individuals with questions about the committee or with information for the newsletter, e.g., recent publications, current research, or brief reports, should contact Andy Christensen, 229 D Creekside Circle, Prescott, AZ 86303 (602-445-7341) or Chris Downum, Department of Anthropology, University of Arizona, Tucson, AZ 85721 (602-323-9119). They will serve as regional editors for the newsletter.

BLOOD RESIDUE ANALYSIS

Linda Scott Cummings of **PaleoResearch Labo-**

ratories has added blood residue analysis to her pollen and phytolith analyses services. The analysis can be run on chipped stone, ground and pecked stone, coprolites, sherds, bone fragments, soils, and plants. Analysis is also possible on other types of materials. For more information, write or call Margaret Newman. The lab has moved to 15485 W. 44th Ave., Suite A, Golden, CO 80403; (303) 277-9848.

POSITIONS AVAILABLE

The **Utah Department of Natural Resources, Division of Parks and Recreation**, has a museum curator position open at the Edge of the Cedars State Park in Blanding, Utah. The position requires the interpretation of scientific and historic data; preparation of displays; museum tours; public and scientific lectures; classification, cataloging, arranging, and processing of museum specimens; maintenance of museum ruins and satellite parks; preservation of historically valuable data; assistance in the preparation of technical and interpretive articles and other publications; and participation in park ranger related duties.

Also needed is a strong background in the archaeology of the San Juan County area; training and experience in ruin stabilization; collection management experience for the regional archaeological

repository responsibilities of the museum; the ability to make personal appearances; work with federal agencies and private excavation companies, and the ability to work with park visitors.

Requirements include a B.A. with major study in a historical science such as archaeology, pioneer history or related fields, plus one year of full-time paid professional employment. Contact: DNR, Human Resources Office, 1636 West North Temple, Salt Lake City, UT 84116 by November 28.

FROM THE EDITOR

Please let other NMAC members know what projects and research are occurring around the state by sending us a summary of your current research. Get the news out to your colleagues and friends. If you have or know of job openings, new publications, or other items of interest for the archaeological community, *NEWSMAC* is a forum for spreading the word. If you have an open letter for the membership or editorial comments, please send them to the editor.

The editor wishes to thank the Museum of New Mexico Office of Archaeological Studies for use of their IBM Personal Pageprinter II on which this issue of *NEWSMAC* was printed.



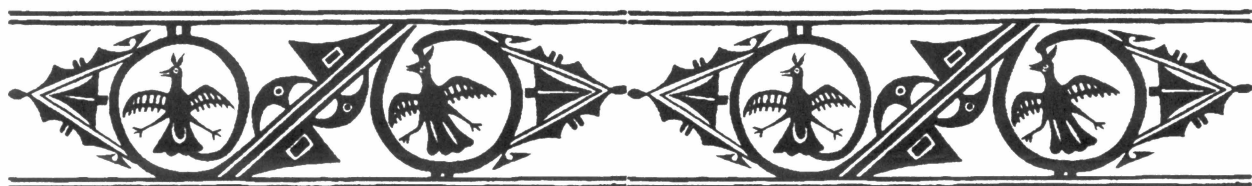
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