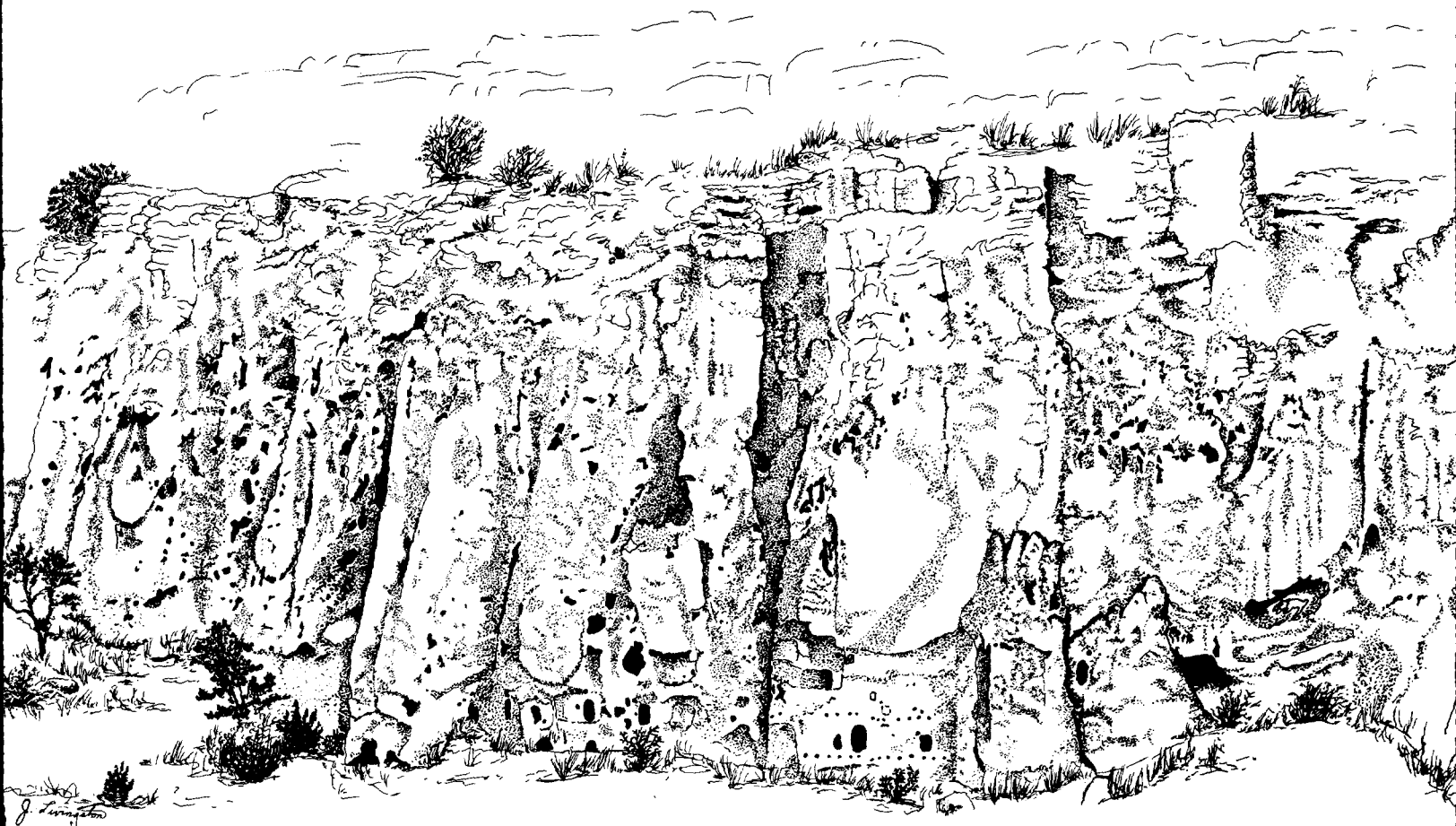
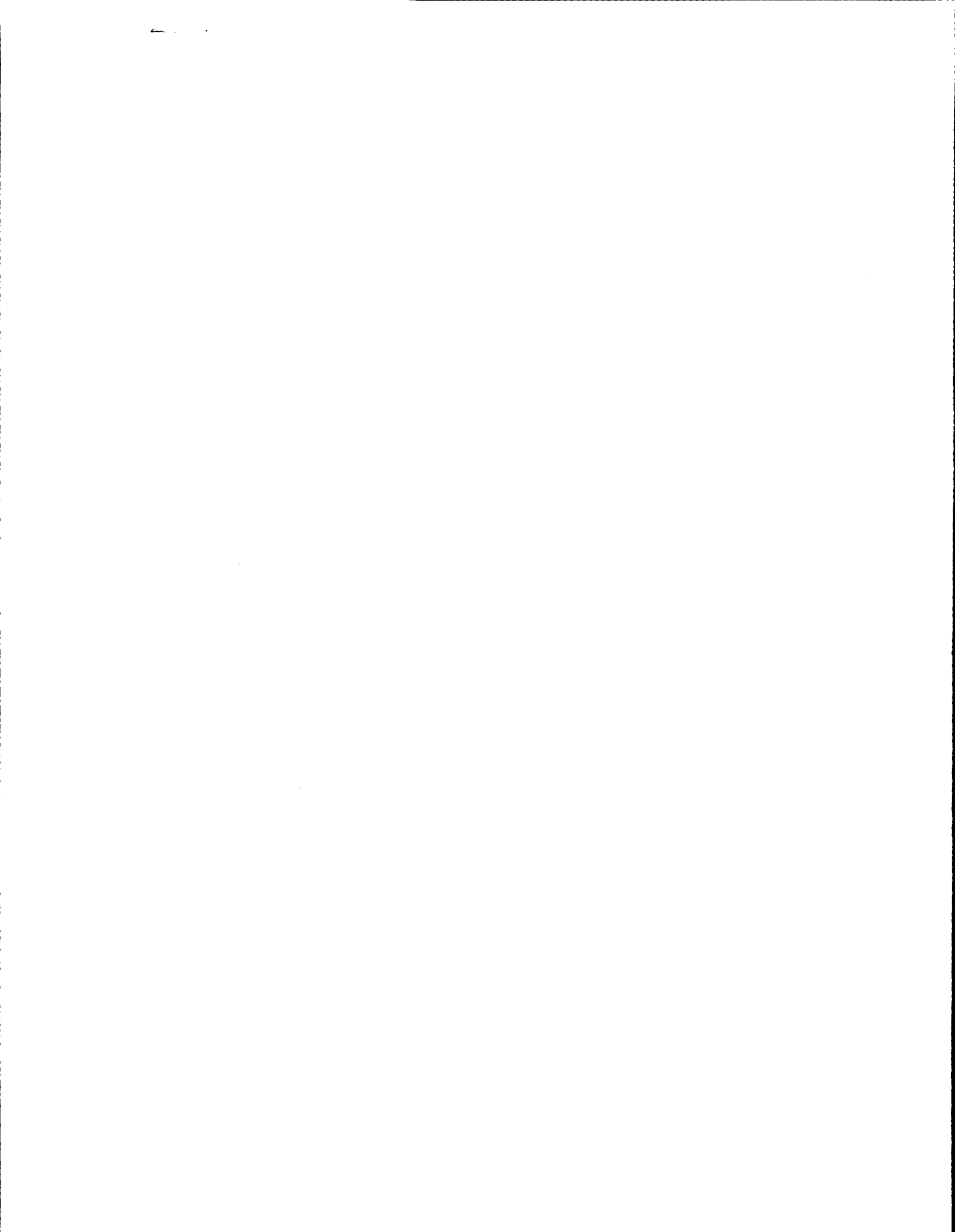


THE PAJARITO PLATEAU: A BIBLIOGRAPHY

FRANCES JOAN MATHIEN
CHARLIE R. STEEN
CRAIG D. ALLEN





Southwest Cultural Resources Center
Professional Paper No. 49

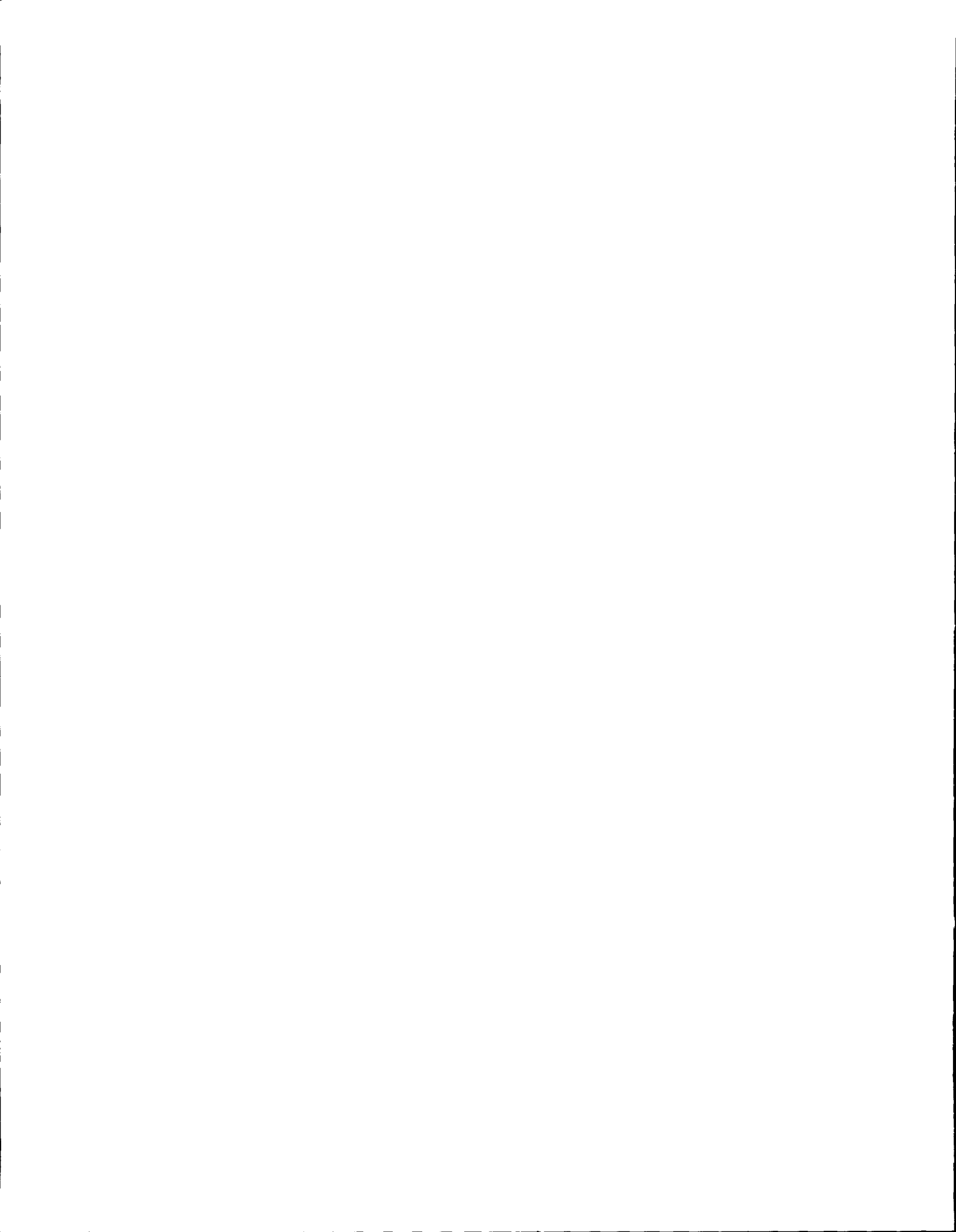
**THE PAJARITO PLATEAU:
A BIBLIOGRAPHY**

by

Frances Joan Mathien
Charlie R. Steen
Craig D. Allen

BRANCH OF CULTURAL RESEARCH
Division of Anthropology
U.S. Department of the Interior
National Park Service

1993



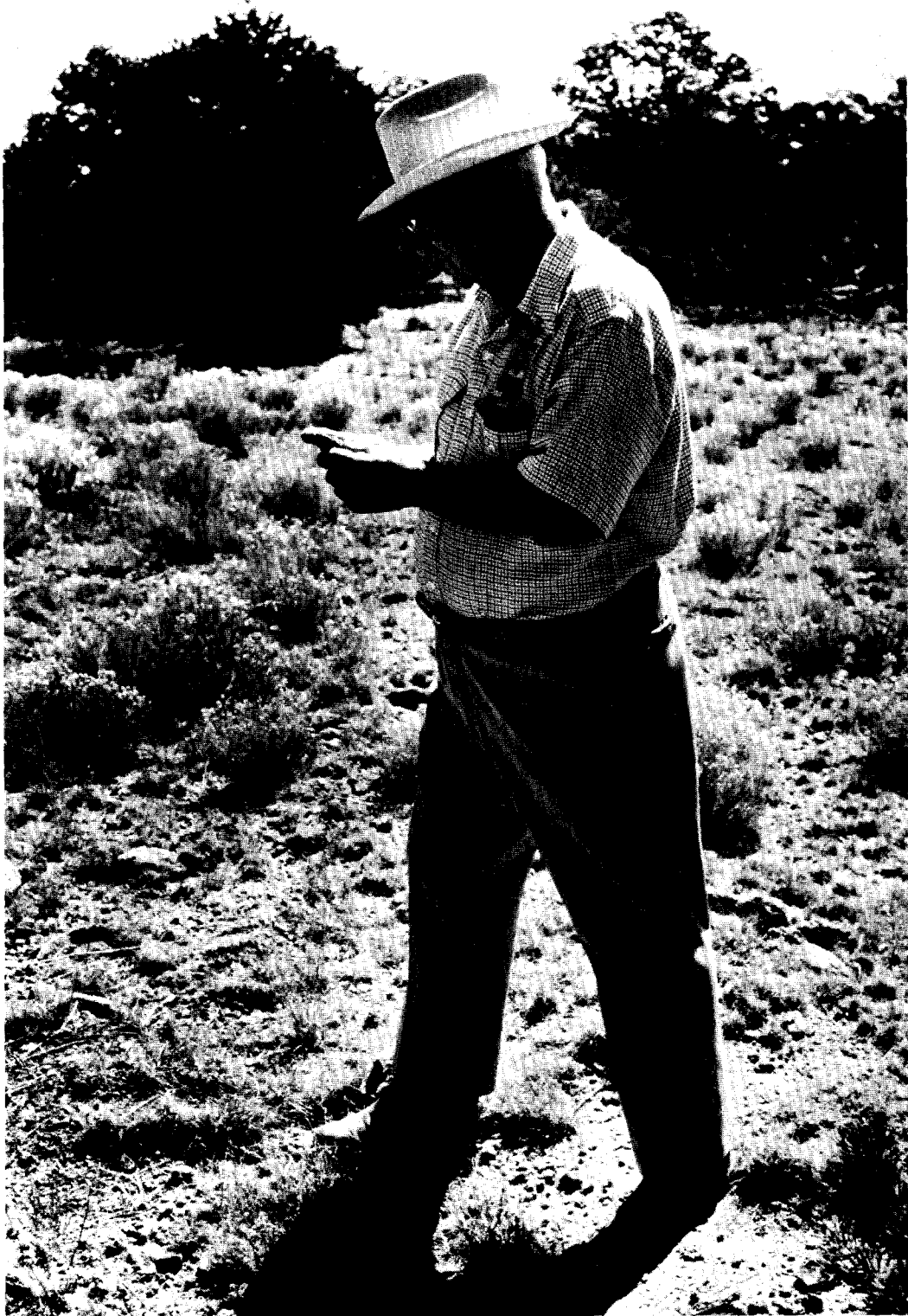
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Mission

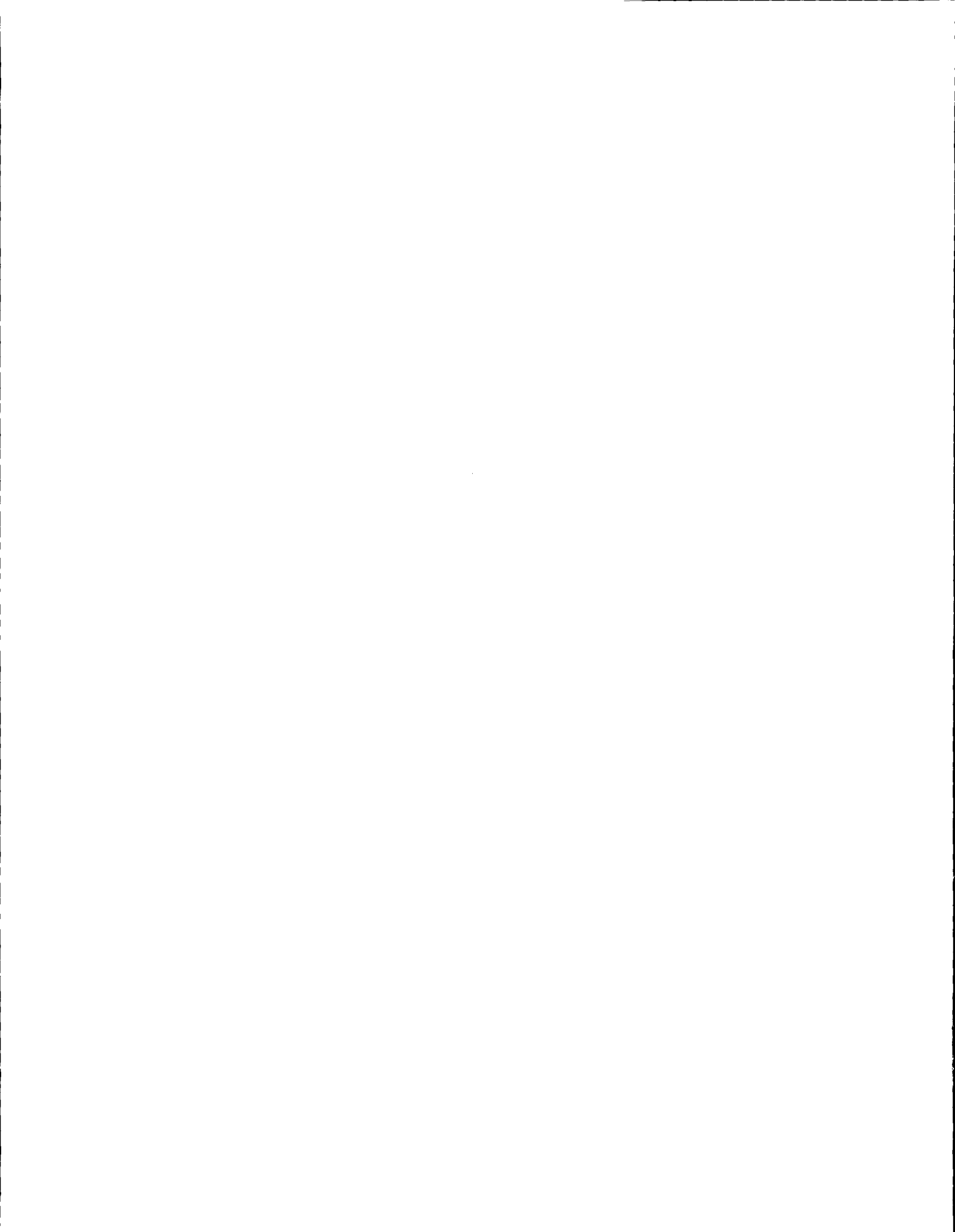
As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally-owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. Administration.



Dedication



To Charlie R. Steen



Foreword

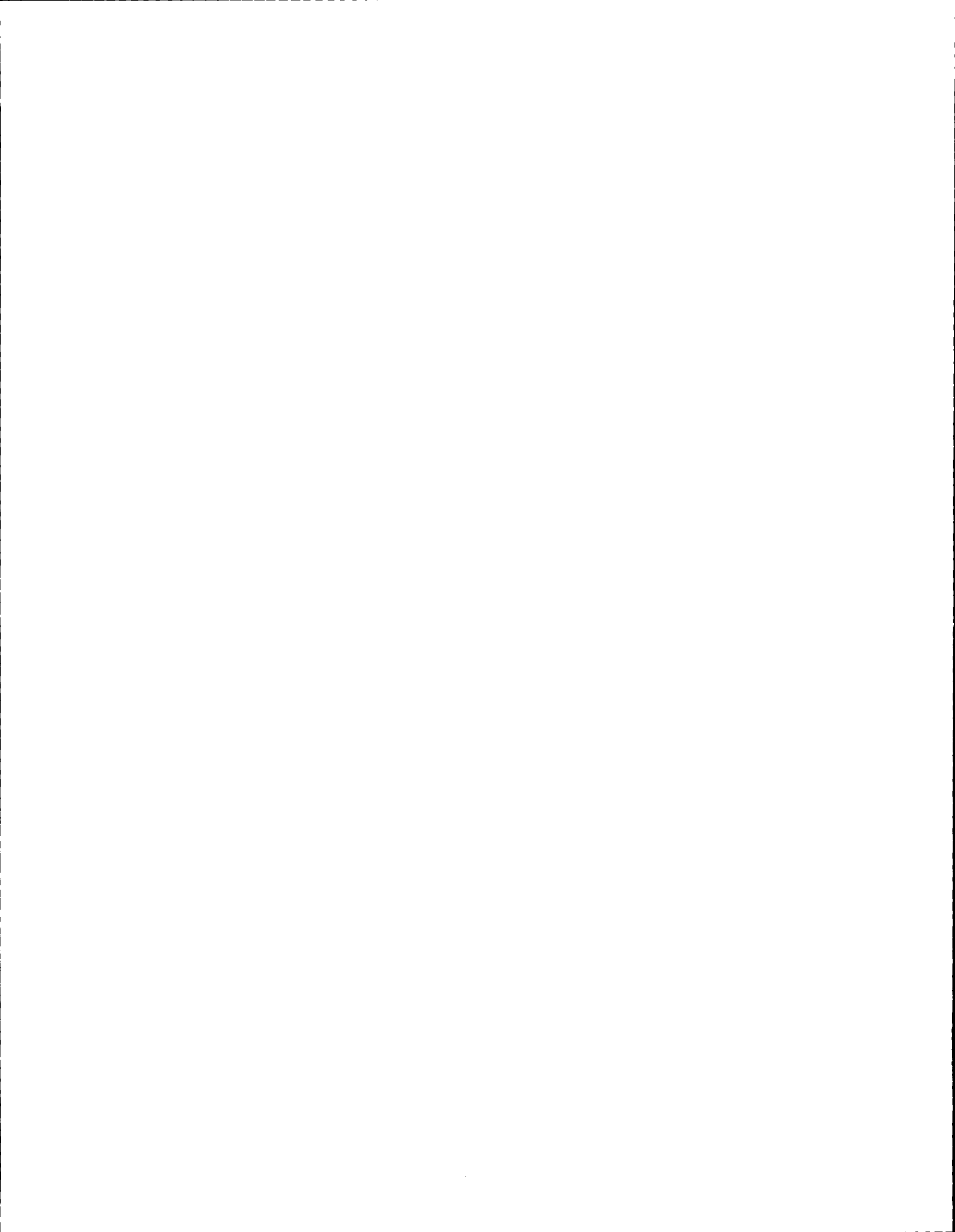
In 1916 Bandelier National Monument was established by proclamation of President Woodrow Wilson to protect and preserve for public enjoyment and education the large Anasazi pueblos and spectacular cave dwellings of the southern Pajarito Plateau. At the time, the monument and its archeological resources enjoyed considerable national prominence both in the public eye and within the profession of archeology, largely as a result of the pioneering explorations of Adolph Bandelier and the subsequent major excavations and dogged preservation efforts of Edgar L. Hewett. Since that time, however, Bandelier has ceded much of its prominence in southwestern prehistory, as extensive research projects have been conducted elsewhere. Although sporadic investigations have occurred over the last 75 years, the extent to which Bandelier has been forgotten is exemplified by the fact that in 1985 only 500 archeological sites had been identified in the monument's 51 square miles of territory. Knowledge of the majority of these was poor at best.

This bibliographic volume, painstakingly compiled by F. Joan Mathien, Charlie R. Steen, and Craig D. Allen, represents the first of several National Park Service contributions that will report the findings of the ongoing Bandelier Archeological Survey and, it is hoped, reestablish publicly and professionally the monument's rightful place in the development and florescence of late Anasazi prehistory. Begun in 1985, the ten-year Bandelier Survey has as its goals the recovery of both research and cultural resource management data, so that the Service may not only better understand and interpret the monu-

ent's archeology, but better preserve it. As of this date, a detailed architectural study of cavate pueblos has been completed and the field portions of sample inventory survey and test excavation programs have been brought to successful conclusion. The cavate study, directed by H. Wolcott Toll, and the survey, led by myself, were performed with National Park Service funding and staff. The excavation program, directed by Timothy A. Kohler, Associate Professor of Anthropology at Washington State University, was and continues to be supported by private grants. In an era when federal fiscal realities no longer allow comprehensive investigations on the order of a Mesa Verde or Chaco Project, it is only through collaborative efforts like this one with Washington State University that the type of thorough and careful research that has characterized past investigations of National Park Service areas will be able to continue.

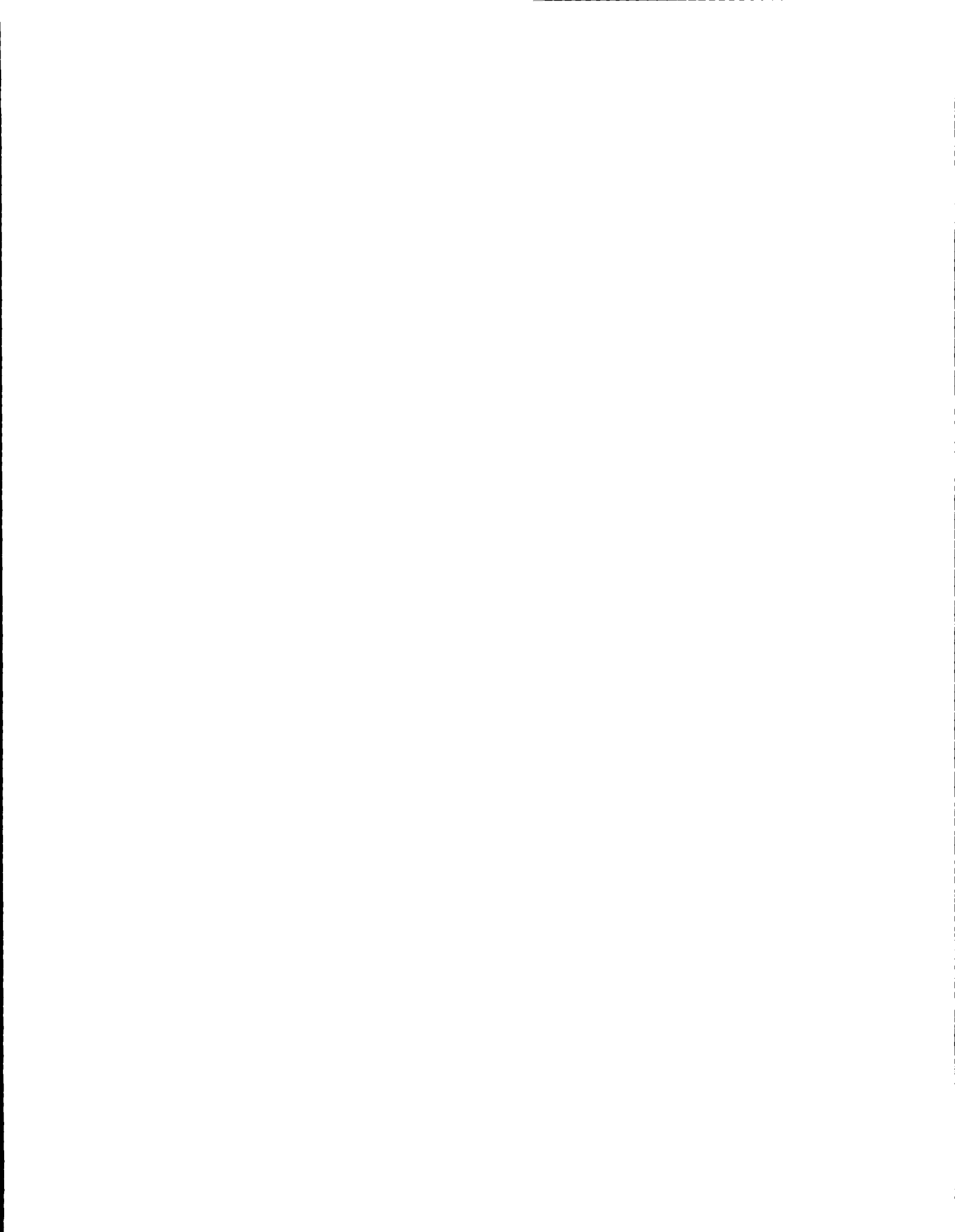
It is in this collaborative spirit that Joan Mathien, Archeologist of the Branch of Cultural Research, Southwest Regional Office; the indomitable Charlie Steen, Consulting Archeologist of Los Alamos National Laboratory; and Craig D. Allen, Ecologist of Bandelier National Monument, have prepared what we believe will be a useful and important guide to the cultural and natural resources of the Pajarito Plateau.

Robert P. Powers, Director
Bandelier Archeological Survey
August 1992



CONTRIBUTIONS OF THE BANDELIER ARCHEOLOGICAL SURVEY

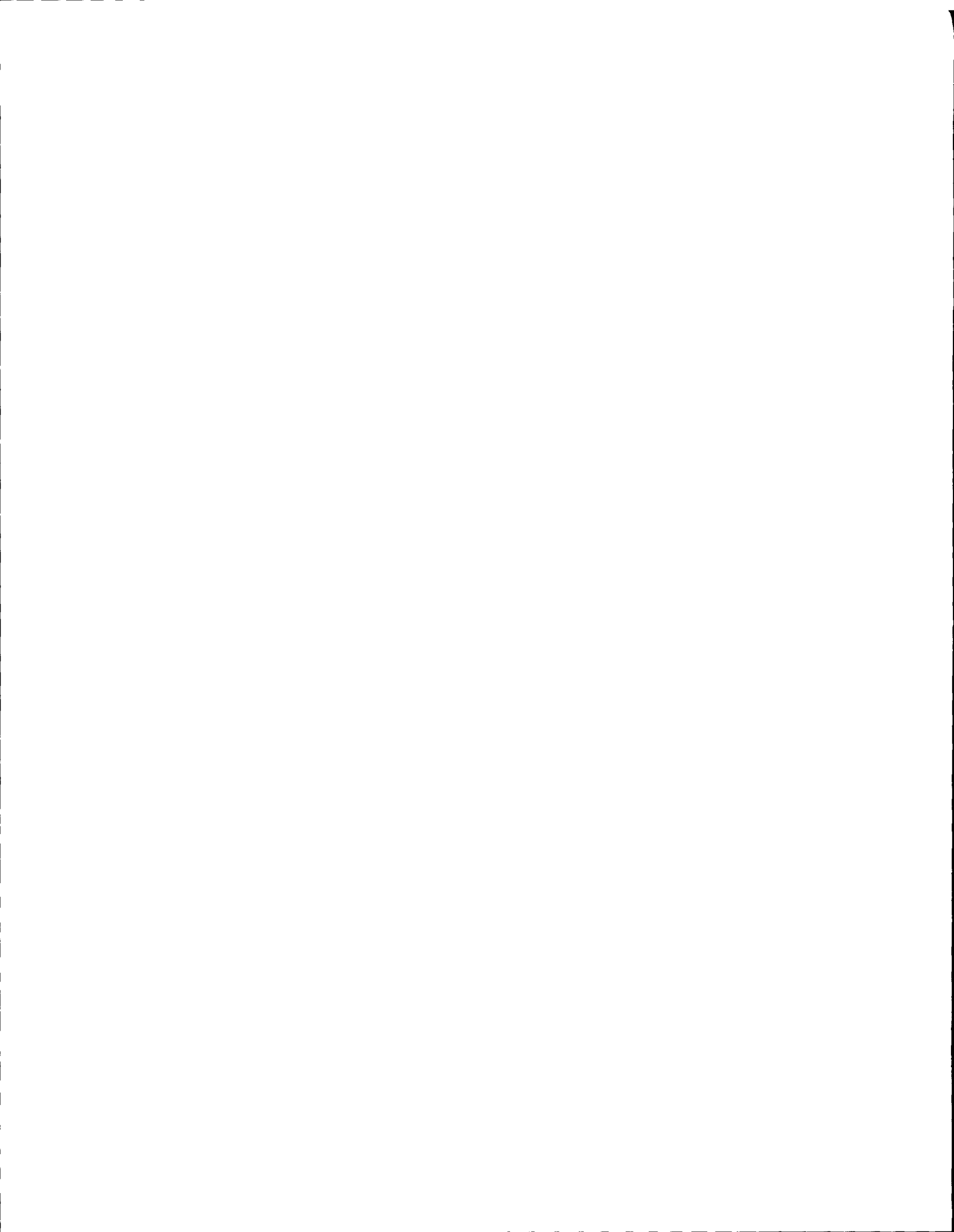
- 1 **MATHIEN, FRANCES JOAN, CHARLIE R. STEEN, and CRAIG D. ALLEN**
1993 The Pajarito Plateau: A Bibliography. Southwest Cultural Resources Center Professional Paper No. 49. Santa Fe.
- 2 **KOHLER, TIMOTHY A. (editor)**
1989 Bandelier Archaeological Excavation Project: Research Design and Summer 1988 Sampling. Reports of Investigations No. 61. Department of Anthropology, Washington State University, Pullman.
- 3 **TOLL, H. WOLCOTT**
An Analysis of Variability and Condition of Cavate Structures in Bandelier National Monument. In preparation.
- 4 **MATHIEN, FRANCES JOAN**
1991 Glimpses into the History of the 1908 Fieldwork at Yapashi, Bandelier National Monument. In Puebloan Past and Present: Papers in Honor of Stewart Peckham, edited by Meliha S. Duran and David T. Kirkpatrick, pp. 121-132. Papers of the Archeological Society of New Mexico: 17. Albuquerque.
- 5 **KOHLER, TIMOTHY A. (editor)**
1990 Bandelier Archaeological Excavation Project: Summer 1989 Excavations at Burnt Mesa Pueblo. Reports of Investigations No. 62. Department of Anthropology, Washington State University, Pullman.
- 6 **KOHLER, TIMOTHY A., and MATTHEW J. ROOT (editors)**
1992 Bandelier Archaeological Excavation Project: Summer 1990 Excavations at Burnt Mesa Pueblo and Casa del Rito. Reports of Investigations No. 64. Department of Anthropology, Washington State University, Pullman.
- 7 **WHITE, JOSEPH COURTNEY**
1992 In the Land of the Delight Makers: An Archaeological Survey in the American West. University of Utah Press, Salt Lake City.



ACKNOWLEDGMENTS

Every project, no matter what its size, is the combined effort of many people. To compile a bibliography as large as this one was not an easy task, and the authors are indebted to many colleagues for their assistance. Among them are Claire Harrison, formerly with the National Park Service; Beverly M. Larson, Consulting Archeologist, Los Alamos National Laboratory; William Sweetland, Archeologist, Bandelier National Monument; Lou Haecker, Cultural Resource Specialist, Archaeological Resources Management System, State Historic

Preservation Office; and Laura Holt, Librarian, Laboratory of Anthropology, Museum of New Mexico. We would also like to acknowledge those who reviewed the draft copies and made constructive comments: Dr. Milford Fletcher, Dr. Charles H. Lange, Curtis F. Schaafsma, and the staff of Bandelier National Monument and the Bandelier Survey Project. As in any endeavor of this kind, a number of references probably were missed, for which we accept all responsibility. We hope that the reader will use this document as a guide to the literature.



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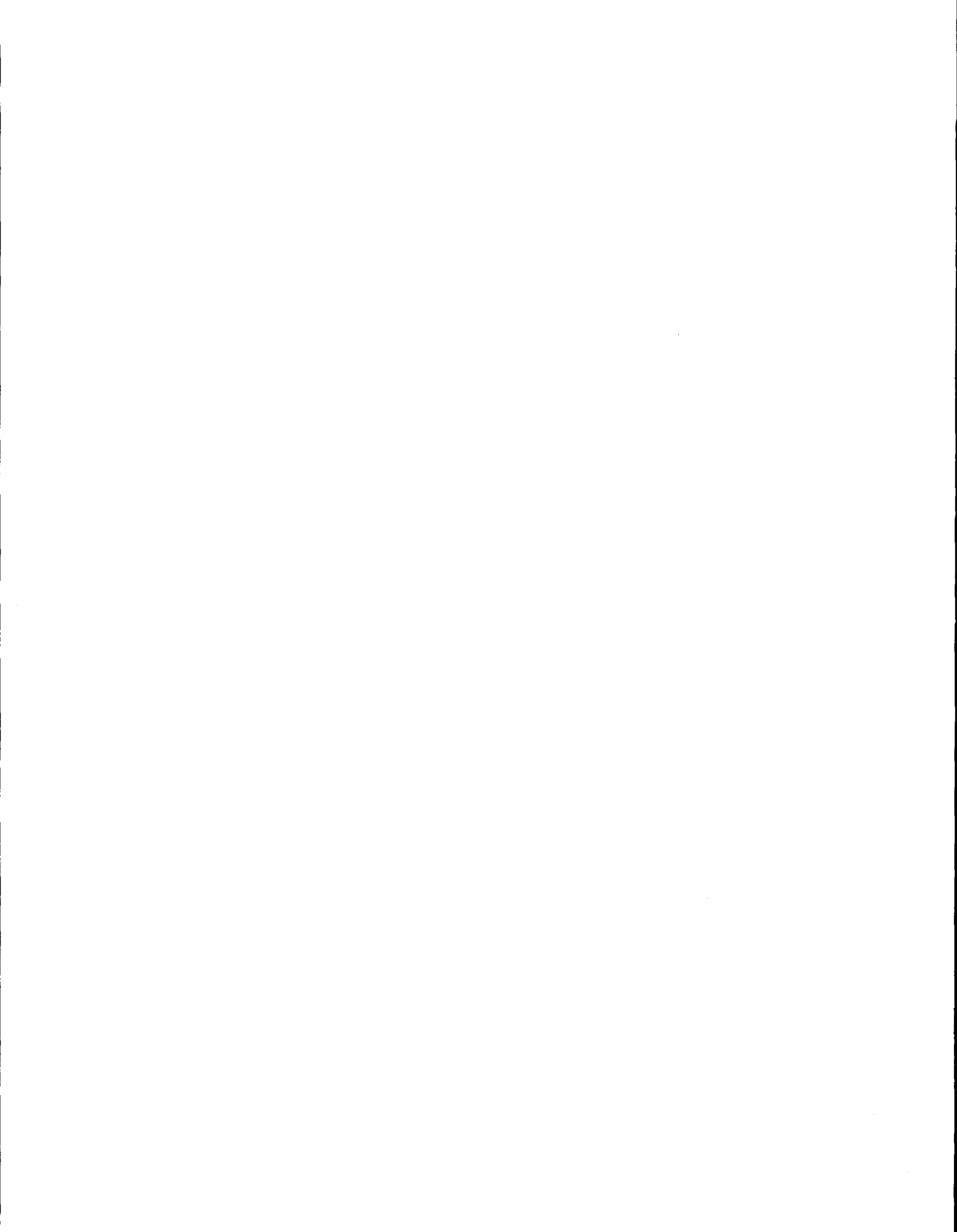
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1

Introduction

Frances Joan Mathien

Background

This bibliography is the result of two initially independent projects. As the consulting archeologist at Los Alamos National Laboratory (LANL), Charlie R. Steen collected entries at the suggestion of the staff of the Environmental Surveillance Group of the Health, Safety, and Environmental Division, HSE-8. The primary purpose was to aid the staff in evaluating cultural resources on LANL lands. In addition to works that related to the archeology and history of the area, Steen included notations of a few books and articles in other fields such as geology and natural history. It was hoped that they also would be of value to other organizations and to students of past human activities on the Pajarito Plateau.

At the same time, the National Park Service (NPS) was planning a major survey of Bandelier National Monument (BNM). As part of this plan, the author was asked to prepare a background document that described research previously carried out in the area, including an annotated bibliography. Although the survey would be limited to the park boundaries, the

larger Pajarito Plateau is a more logical study area from physiographic, environmental, and cultural perspectives; hence the focus was on this larger region. Mathien (1986) also included some references to natural resources studies, particularly those initiated by NPS within Bandelier National Monument.

Both bibliographies were made available to Colleen Olinger and Beverly Larson of the Health and Environmental Services Group at Los Alamos. They realized that while neither was complete, each included entries missing from the other. Larson suggested the two bibliographies be combined. (At this time, Craig Allen was studying the landscape of the Jemez Mountains [Allen 1984c, 1989]. His investigations included much detailed information on natural resource studies and were added in 1991 and 1992.)

To limit the scope of their work, Steen and Mathien had chosen their parameter: the Pajarito Plateau. Geographically, the Pajarito Plateau is described as the high tableland that lies between the Jemez Mountains on the west and the Rio Grande on the east. From north to south, it extends from the Chama Valley to La Cañada de

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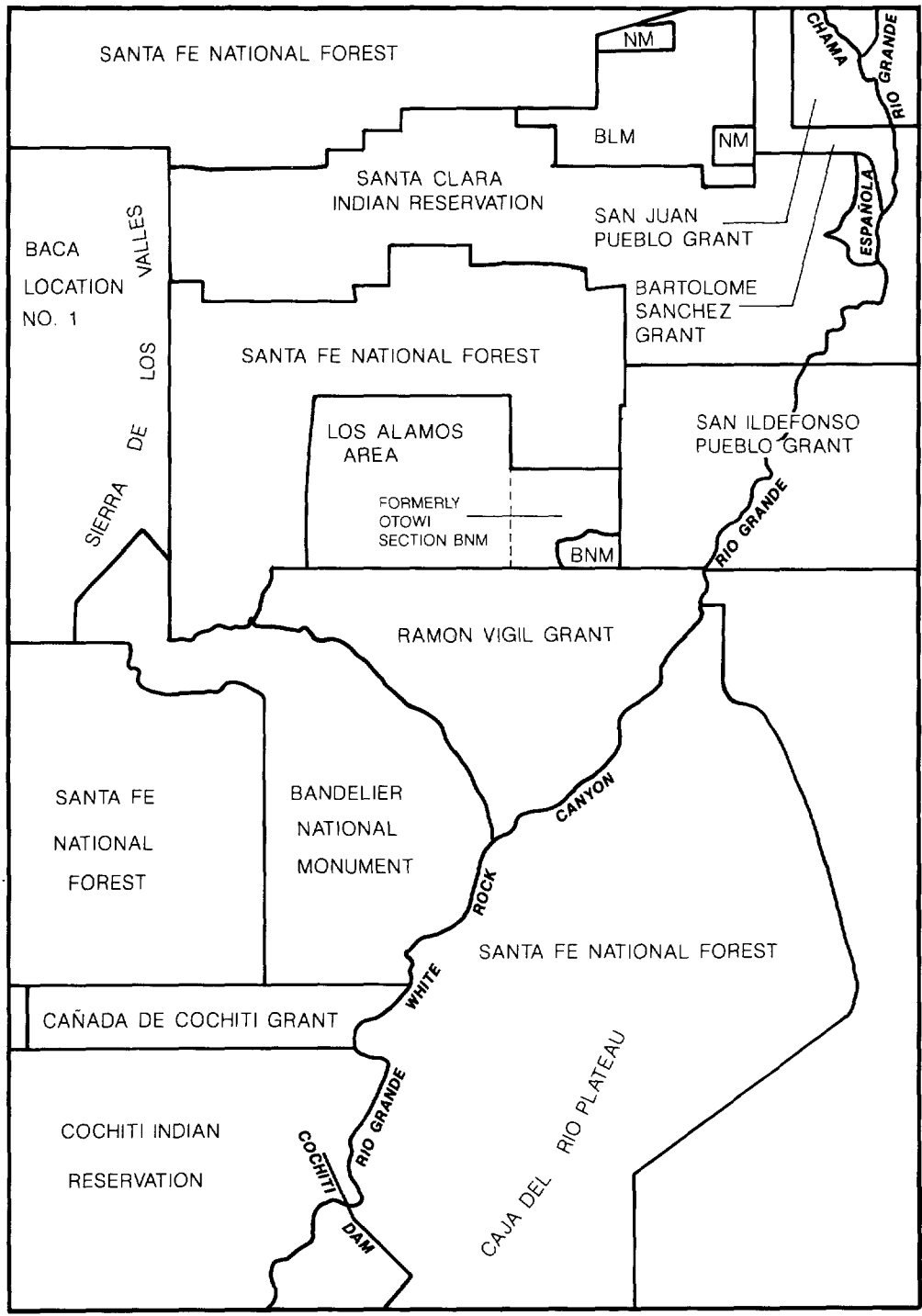


Figure 1. The Pajarito Plateau. Major land status boundaries.

3 INTRODUCTION

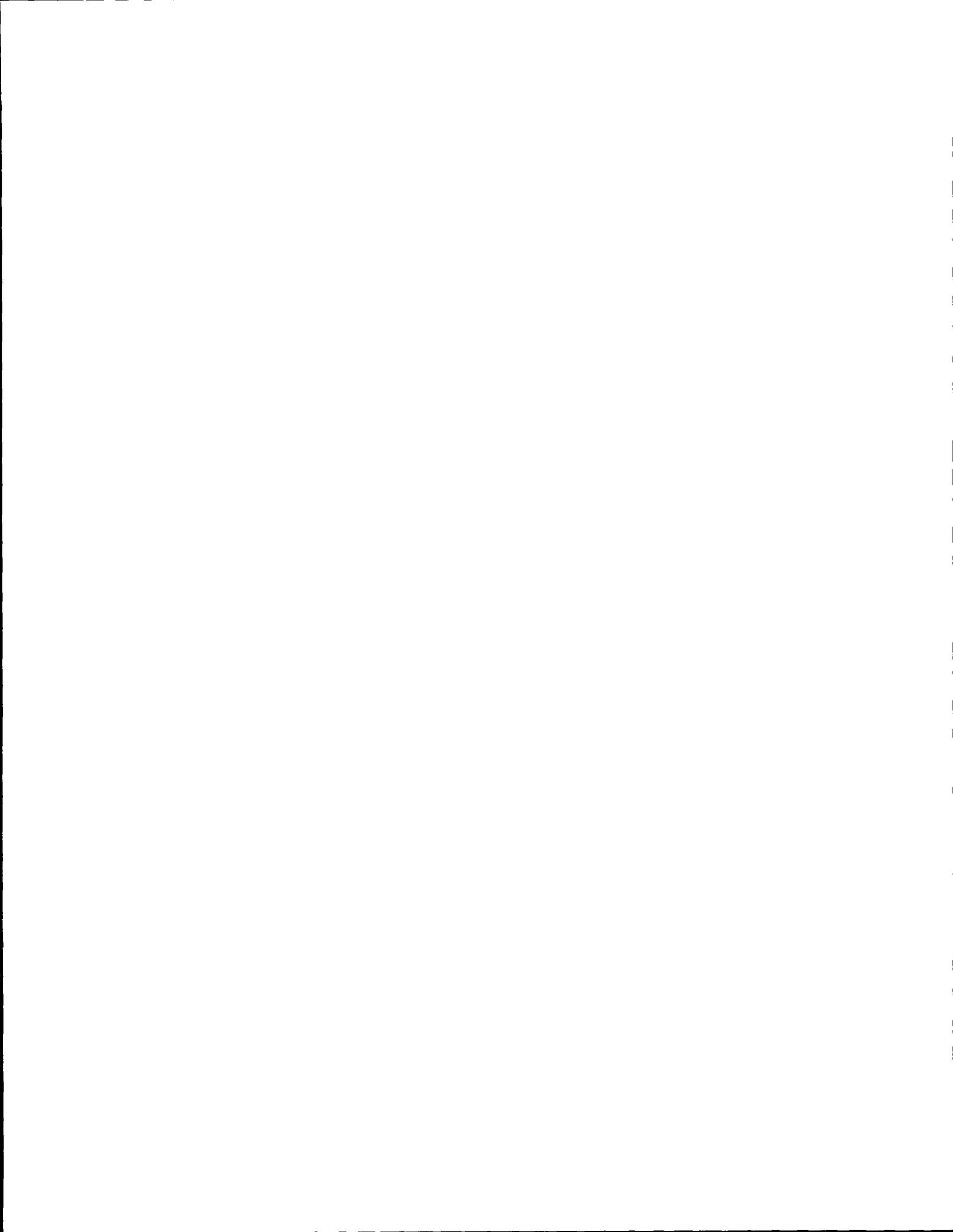
Cochiti (Hewett 1906:14)(Figure 1). Because human activity rarely stops at such definite boundaries, major ethnographic studies of Tewa (San Ildefonso and Santa Clara) and Keres (Cochiti) linguistic groups are included. (Even though most of the historic pueblos occupied by the Tewa and Keres are not located on the Pajarito Plateau, oral traditions and archeological data suggest that these groups once occupied sites on the plateau.) Towa studies are not included because Steen believed Towa ancestors were not involved in major cultural developments of the Pajarito Plateau. In addition, a bibliography of the Jemez area (home of Towa people) has been prepared by Michael Elliott (1982) and included with his nomination of large Pueblo sites near Jemez Springs to the National Register of Historic Places that is on file at the Museum of New Mexico, Laboratory of Anthropology, in Santa Fe. Both Steen and Mathien included references to geographically and historically related material that does not focus on the Pajarito Plateau but, nonetheless, is important to understanding the area's archeology and physical environment, for example, lithic resources available from Cerro Pedernal or in the Sangre de Cristo Mountains.

The Bibliography

To assist the reader, two short chapters outline

some of the studies that have been carried out during the past century. Craig Allen provides a sketch of the environmental background (soils, climate, vegetation, fauna) and lists some of the paleoecological studies that have been conducted. Mathien briefly describes the cultural studies from a historical perspective. Throughout her discussion, she uses familiar names or numbers for archeological sites; Appendix A lists the site names and their equivalent LA numbers--the official site numbers used in ARMS, the automated database management system used by the State of New Mexico Historic Preservation Office.

Bibliographic entries have been divided into three major categories: natural resources, cultural resources, and other general topics. The natural resources section encompasses geology, biology (both flora and fauna), pedology, mineralogy, and hydrology. Included under cultural resources are entries pertaining to archeology, history, ethnology, and ethnohistory. The last category, other references, includes a variety of unrelated topics, not necessarily vital to archeological research and environmental reconstruction of events on the Pajarito Plateau. Among these are entries that provide biographical material on the history, atmosphere, sense of place, and historical importance of the Pajarito Plateau.



2

The Setting

Craig D. Allen

Research during the past two decades has added considerably to our knowledge of the natural setting and resources of the Pajarito Plateau. This chapter reviews the most recent publications under the following headings: geology, landforms, and soils; climate; vegetation; fauna; and paleoenvironment.

Geology, Landforms, and Soils

The Pajarito Plateau is located on the east flank of the Jemez Mountains, north-central New Mexico. The Jemez landscape ranges in elevation from 1,590 m at the Rio Grande to 3,526 m at the summit of Tschicoma Peak, with a geologic boundary enclosing about 543,522 ha (Smith et al. 1976). The Jemez Mountains are the remnants of a large, collapsed volcano that underwent massive eruptions 1.4 and 1.1 million years ago. Prominent landforms include two central calderas, secondary domes within the calderas, the mountainous remnants of the precollapse volcanic piles that rim the calderas, an encircling skirt of canyon-dissected tuff plateaus (including the Pajarito Plateau), White Rock Canyon, and the basaltic cones of the Cerros del Rio (Burton 1982). The central Toledo and Valles calderas are 12 and 24 km in diameter, respectively. The caldera rim peaks are known as the Sierra de los Valles. An

immense amount of geological research has been conducted in the Jemez Mountains (see Mills et al. 1989).

The Pajarito Plateau is composed of up to 300 m of consolidated ash tuff that was deposited during the big eruptions. Subsequent erosion has created landforms dominated by abrupt, deep canyons that separate long, narrow, upland mesas. The townsite of Los Alamos is situated on the upper end of the Pajarito Plateau, at the base of the Sierra de los Valles. The Rio Grande flows through White Rock Canyon, a gorge 300 m deep that separates the Pajarito Plateau from the Cerros del Rio to the southeast.

Common soil parent materials in the Jemez Mountains range from rhyolites and andesites, with some dacites and latites, at high elevations, to tuff and pumice on the plateaus and basalts near the Rio Grande (Nyhan et al. 1978; U.S.D.A. Forest Service 1992; U.S.D.A. Soil Conservation Service 1991). Patches of pumiceous soils are particularly prominent in a band roughly centered on the Frijoles watershed, corresponding to the axis of deposition from the El Cajete eruptions. Soil orders found here include Entisols, Inceptisols, Alfisols, Mollisols, and Aridisols (Nyhan et al. 1978). Soil survey work on the Pajarito Plateau includes Nyhan et al. (1978), U.S.D.A. Soil Conservation Service

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(1991), U.S.D.A. Forest Service (1992), and Earth Environmental Consultants, Inc. (1974, 1978).

Climate

Overall the Jemez Mountains experience a semiarid continental mountain climate (Bowen 1990; U.S. Department of Energy 1979), but this designation masks a great deal of variability associated with elevational gradients and topography. For example, annual precipitation ranges from 30 cm at the lowest elevations to about 90 cm at the caldera rim; mean annual precipitation at Bandelier's weather station (1,990 m elevation) is 40.7 cm (Bandelier National Monument, records on file). There is typically a dry period from late April through the end of June, terminated by the onset of the summer "monsoon." Sixty percent of the annual precipitation falls between June and September, with thunderstorms reported for 58 percent of the days in July and August (U.S. Department of Energy 1979). These convectional thunderstorms, frequently accompanied by hail, bring 40 percent of the total annual precipitation in July and August. Cyclonic storms in winter bring snow to all elevations. Los Alamos has a five-month growing season (May 6-October 16), with perhaps a 100-day growing season found at the highest elevations or in canyon bottoms with cold air drainage. July is the warmest month at Los Alamos (mean temperature = +20 ° C), and January the coldest month (mean temperature = -1.6 ° C). Bowen (1990) provides extraordinary detail on the climate of the Pajarito Plateau.

Local climate is also temporally variable, with wide fluctuations in annual precipitation common. Cyclic El Niño climate events bring increased spring and summer precipitation to this area about every four years (Andrade and Sellers 1988). Dendroclimatological work documents irregular occurrences of dry and wet periods extending back to A.D. 598 in the Jemez Mountains (Dean

and Robinson 1977, 1978). Weather records at Los Alamos and the Bandelier headquarters begin in 1911 and 1925, respectively, with data missing from some early years (Bowen 1990; Bandelier National Monument, records on file).

Vegetation

The Jemez Mountains are in the southernmost extension of Bailey's (1980) Rocky Mountain Forest Province, with vegetation communities similar to those found throughout the southern Rocky Mountains. The general conceptualization of the vegetation pattern in this area is a zonation of communities based on elevation and slope exposure. Upward along the 1,900 m elevational gradient from the Rio Grande to the Jemez peaks, one passes through juniper grasslands (Juniperus monosperma, Bouteloua sp.) from about 1,600 to 1,900 m; pinyon-juniper woodlands (Pinus edulis) at 1,900 to 2,100 m; ponderosa pine forests (Pinus ponderosa) at 2,100 to 2,300 m; mixed conifer forests of ponderosa pine, Douglas-fir (Pseudotsuga menziesii), white fir (Abies concolor), aspen (Populus tremuloides), and limber pine (Pinus flexilis) at 2,300 to 2,900 m; and finally spruce-fir forests of Engelmann spruce (Picea engelmanni) and corkbark fir (Abies lasiocarpa var. arizonica) on the north slopes of the highest peaks above 2,900 m. High-elevation grasslands (Festuca thurberi, Danthonia parryi) occur as large breaks in the mixed conifer forests on upper south-facing slopes (Allen 1984a), and large moist meadows occupy the "valles of the caldera" basins. A similar pattern of vegetation zones is used by several authors (Allen 1989; Nyhan et al. 1978; Osborn 1966; U.S. Department of Energy 1979, 1980). Although other authors explicitly recognize more categories (e.g., Moir and Ludwig 1979; Potter and Foxx 1981; U.S.D.A. Forest Service 1987a), their specific vegetation types are generally consistent with this broad zonal framework. The current vegetation of the Jemez Mountains reflects the underlying diversity of landforms, soils, climate, and site

histories present in this landscape (Allen 1989; Caprio et al. 1988; Touchan and Swetnam 1991b, 1992).

Several previous vegetation studies merit mention here. Koehler (1974) and Potter and Foxx (1981) mapped vegetation types in Bandelier; Cully (1986) integrated these two maps. Allen (1989) mapped "ecosystem patches" (combinations of vegetation and landforms) in and around Bandelier National Monument. Barnes (1983) recognized the existence of three habitat types within the pinyon-juniper portions of the Pajarito Plateau. Allen (1984a, 1989), Dick-Peddie et al. (1984), Foxx (1983a), Foxx and Potter (1978), Gosz and Mark (1974), Hink and Ohmart (1984), Oppenheimer (1979), Potter (1981), Potter and Foxx (1979a, 1979b, 1979c, 1986), Potter and Tierney (1985), Potter et al. (1982), Tierney (1977), Tierney and Potter (1985), and Williams (1984) have conducted quantitative vegetation studies in limited areas of the eastern Jemez Mountains. In addition, Bandelier National Monument archives include much unpublished, quantitative data on vegetation from a variety of permanent plots. The flora of portions of the Jemez Mountains has been treated by Foxx and Tierney (1985), Jacobs (1989a, 1989b), Jacobs and Jacobs (1988), Jones (1979), Osborn (1966), and Robertson (1968).

The vascular plant flora of Bandelier National Monument includes collections of 720 species in 347 genera representing 86 families (Jacobs 1989a). Rare and endangered plant species found locally include the yellow ladyslipper (Cypripedium calceolus), rattlesnake fern (Botrychium virginianum), and grama grass cactus (Pediocactus papyracanthus) (Jacobs and Jacobs 1988). Jarmie and Rogers (1992) are conducting a fungal inventory of the Pajarito Plateau; to date, they have collected 133 species in 95 genera.

Fauna

The Pajarito Plateau harbors a diversity of animal species and communities, reflecting

the wide variety of available habitats in this landscape. Bandelier National Monument has inventory information for most vertebrate faunal species. Recent park surveys indicate the presence of approximately 1,200 arthropod species (including 10 likely new to science) (Pippin and Pippin 1984b), 5 amphibians and 14 reptiles (Degenhardt 1975; Fleisher 1978), and 44 terrestrial mammals and 12 bats (Guthrie and Large 1980). About 115 breeding birds (Travis 1992) and 90 species of ants (Mackay et al. 1988) have been recorded in Los Alamos County. The endemic Jemez Mountains salamander (Plethodon neomexicanus) merits specific mention, as this state-listed endangered species is currently a Category I federal notice-of-review species. Other threatened or endangered species found on the Pajarito Plateau include the bald eagle (Haliaeetus leucodephalus), peregrine falcon (Falco peregrinus), and spotted owl (Strix occidentalis).

Noteworthy local faunal ecology research includes the work of T. Johnson (1986a, 1986b, 1988, 1990a, 1992) on peregrine falcons and bald eagles; J. Johnson (1986, 1989) and T. Johnson and J. Johnson (1990, 1992) on spotted owls; Kennedy (1985) and Kennedy and Crowe (1992) on several other raptors; Arganbright (1988) on bats; Flavill and Whitford (1979) on the biota of Redondo Creek; Eberhardt and White (1979), Conley et al. (1979), White (1981), and Rowland et al. (1983) on elk (Cervus elaphus) and mule deer (Odocoileus hemionus); Koehler (1974), Morgart and Ohmart (1976), and Morgart (1978a, 1978b) on feral burros; Altenbach (1992) and Ramotnik (1985, 1986a, 1986b) on Jemez Mountains salamanders; and recent biological assessments of Los Alamos National Laboratory lands by Biggs (1992), Foxx (1992), and Raymer (1992).

Sources of environmental information available in-house at Bandelier National Monument are summarized in Allen (1989, 1992). Increasingly large amounts of environmental information will be available from Los Alamos National Laboratory as its "environmental

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restoration" program generates compliance (Raymer 1992).

Paleoenvironment

While much paleoenvironmental research has been conducted in the American Southwest, the Pajarito Plateau area has received relatively little attention (see Spaulding 1992).

Climatic reconstructions in the South-

west, including sites in and around the Jemez Mountains, indicate that recurring episodes of dry and wet conditions characterize the Southwest over the past 2,000 years (Dean and Robinson 1977; Euler et al. 1979; Petersen 1988; Rose et al. 1981; Stearns 1981). Historic changes in the environment of the Pajarito Plateau area are reviewed by Allen (1989) and Rothman (1992). Ongoing research by McCord (1991), Reneau (1991), Spaulding (1992), and Touchan and Swetnam (1991b, 1992) will shed more light on paleoenvironments of the Pajarito Plateau area.

3

Anthropological Investigations

Frances Joan Mathien

The Pajarito Plateau has been visited by anthropologists for more than a century. With the acquisition of the Territory of New Mexico in 1846, investigators from the eastern United States entered the American Southwest, taking note of its topography, natural resources, inhabitants, and cultural differences. This chapter reviews the major investigations that have occurred; Tables 1 and 2 provide a summary of the surveys and excavations.

Early Reconnaissance and Discovery

Between 1880 and 1885 James Stevenson and J. W. Powell of the Bureau of American Ethnology (BAE) traveled through New Mexico and Arizona collecting prehistoric and modern Pueblo materials housed in the U.S. National Museum, Smithsonian Institution, in Washington, D.C. (Powell 1881, 1883). Stevenson (1883a, 1883b, 1886) published a description of his visits to areas on the Pajarito Plateau and a catalog of items collected during his expeditions to the Southwest.

Beginning in 1880, Adolph F. Bandelier, a self-trained ethnographer and historian, made several visits to the Pajarito Plateau. In 1890 he

was accompanied by Charles F. Lummis, a writer/editor who walked across the country in 1884-85, taking photographs and writing short stories for newspapers along the way. Both Bandelier and Lummis are key figures who did much to popularize the Indian ruins they discovered.

Bandelier's scientific work was part of a program sponsored by the Archaeological Institute of America (AIA) (Bandelier 1883, 1890, 1892, 1910, 1929). Bandelier conducted informal reconnaissance surveys, made sketch maps of sites, and collected some material from the surface of several of the large pueblos on the Pajarito Plateau. Among the sites he visited were Shufinne, Puye, Tsirege, Tsankawi, Potsui'i (Otowí), Tyuonyi, Yapashi, the Stone Lions shrine, Cueva Pintada, the Stone Lions in the Potrero de los Idolos, Kuapa, Old Cochiti, and numerous cave sites, as well as others in the Rio Grande Valley. Bandelier consulted with the Native American population and attempted to trace particular Keresan and Tewa Pueblo traditions and migration tales to specific archeological sites (Bandelier 1892). In addition, he documented the effects of the Spanish on the Pueblos (Bandelier 1910, 1929) and wrote a

Table 1. Summary of archeological site surveys on the Pajarito Plateau.

Survey Area/Surveyor(s)	Year(s)	Institution(s) ^a	Comments and References
<u>Pajarito Plateau - general^b</u>			
J. Stevenson	1880s	BAE	Stevenson (1883a, 1883b, 1886)
J. W. Powell	1885	BAE	
Adolph F. Bandelier	1880-1890	AIA	Five visits to the Bandelier area, once accompanied by Charles F. Lummis. Photographs at Southwest Museum in Los Angeles; Maxwell Museum of Anthropology, UNM. Bandelier (1883, 1892); Lange et al. (1975, 1984); Lange and Riley (1966); Lange and Riley with the assistance of Lange (1970)
Edgar L. Hewett	1987-early 1900s	New Mexico State Normal School; ^c New Mexico Normal School; ^d BAE; SAR	Hewett (1904, 1906, 1908b, 1938a)
Reginald Fisher	1929-1931	SAR and UNM	Fisher (1931)
Harry P. Mera	1920s-1930s	LA	Mera (1932, 1933, 1934, 1935, 1940)
U.S.G.S. surveyors	1940s-1950s	USGS	Survey for development of quad maps of area. No reports, but sites located on quad sheets.
James N. Hill	1976-1890	UCLA	Research proposal (Hill 1976, 1977); reports on work on Forest Service and other lands (de Barros and Hill 1980; Hill and Orcutt 1979; Hill and Trierweiler 1986; Orcutt and Hill 1981; Trierweiler et al. 1979; Walsh et al. 1979; Walsh et al. 1978); dissertations and theses (Davis 1981; Garza 1978; Hagstrum 1983; Orcutt 1981; Preucel 1988; Trierweiler 1978, 1987). Notes and collections are at UCLA, where analysis and writeup are still under way. Preucel expanded this project to cover a field-house study (Preucel 1985a, 1985b, 1986a, 1986b, 1986c, 1988, 1990).

Table 1. (continued)

Survey Area/Surveyor(s)	Year(s)	Institution(s) ^a	Comments and References
<u>Ramon Vigil Grant/ Los Alamos Scientific Park</u> James Fulton	1935	NPS	Map, field notebook at BNM; some ceramic collections made (Worman 1959, 1967).
Frederick C. V. Worman	1948-1950 1950-1971	Adams State College, Alamosa, CO LANL	Map (added to Fulton's map); 1948-1950 collections at WACC; 1950-1971 collections at MNM, BNM, Los Alamos County Historical Society, and Mason Facility at LANL. Worman (1949, 1950, 1967); Worman and Steen (1978)
Charlie R. Steen	1972-	LANL	Followed Worman, continued work. Steen (1974, 1977, 1982)
David H. Snow	1983-1986	LANL	Many small surveys (Snow (1982a))
Beverly M. Larson, Ellen D. McGehee, and staff	1986-	LANL	Numerous cultural resource management surveys (Larson 1986, 1987a-c, 1988a-b, 1991; Larson and McGehee 1989; McGehee 1988, 1989, 1992a-b; McGehee et al. 1992; McGehee and Larson 1988, 1989a-b; McGehee and Munz 1991; McGehee and Schillaci 1992; Snow 1982a)
<u>Bandelier National Monument/ Tsankawi (O'towi) Section</u> Ralph Lassiter, Carl Alleman, James M. Eden, Dale S. King, and Walter W. Taylor	1946	NPS	
Erik K. Reed	1948	NPS	
John F. Turney	1952	NPS	Collections at WACC; Turney (1955)
Robert P. Powers	1980s	NPS	Powers (1988); see below
<u>Bandelier National Monument/ Main Section</u> Charles H. Lange	1957-1959	SIU	Collections at SIU, NPS-SWRO. Map (NPS BAND/3855)
Diane Traylor, Lyndi Hubbell et al.	1970s	NPS	Collections at NPS. Hubbell and Traylor (1982); Traylor et al. (1990)

Table 1. (continued)

Survey Area/Surveyor(s)	Year(s)	Institution(s)*	Comments and References
Robert P. Powers	1980s	NPS	In progress. Head (1992); Orcutt (1990a, 1991a); Orcutt and Powers (1989); Powers (1988); Powers and Orcutt (1988); Toll (1986); Toll et al. (1988)
<u>Cochiti Dam Flood Pool</u>			
Natt Dodge and Zorro Bradley	1959	NPS	Hubbell and Traylor (1982)
Edmund Ladd	1968	NPS	Hubbell and Traylor (1982)
Zorro Bradley	1969	NPS	Hubbell and Traylor (1982)
Ron Ice, Don Fiero, and Dan Lenihan	1973	NPS	Hubbell and Traylor (1982)
Bruce Anderson, Don Fiero, and George West	1974	NPS	Hubbell and Traylor (1982)
Lyndi Hubbell and Diane Traylor	1974-77	NPS	Maps, field notes, and collections at NPS-SWRO. Hubbell and Traylor (1982)
Charles H. Lange	1962-1965	SIU	Survey done through contract with MNM. Lange (1968a, 1968b); Peckham and Wells (1967)
Jan V. Biella and Richard C. Chapman	1973-1977	OCA, UNM	Biella (1979a); Biella and Chapman (1975, 1977a, 1979b); Broilo and Biella (1977); Chapman and Biella (1977)
<u>Cañada de Cochiti/ James Webb Young Ranch</u>			
Nels C. Nelson	1912-1914	AMNH	Notes at LA; collections at AMNH. Nelson (1913, 1915, 1916, 1917, n.d.a, n.d.b)
Charles H. Lange	1956-1959	SIU	Moore (1979)
Theodore R. Frisbie, Bruce M. Moore, and Ronald H. Spielbauer	1969-1970	SIU	Collections and notes at SIU; report of 1969 work (Frisbie et al. 1970); dissertation by Moore (1979)
Leo Flynn and W. James Judge	1973	UNM	Collections and notes at MMA; map and report by Flynn and Judge (1973)

Table 1. (continued)

Survey Area/Surveyor(s)	Year(s)	Institution(s) ^a	Comments and References
<u>Rock Art Surveys</u>			
Richard H. Powell	1899-1901	New Mexico Normal School	English professor who worked with Hewett. See Hewett (1938a: 114-115); his work is incorporated into Chapman's reports (see below)
Kenneth M. Chapman	1909-1920	SAR	Chapman (1916, 1917a, 1917b, 1927a, 1938a)
Polly Schaafsma	1966	MNM	Schaafsma (1965, 1967, 1971, 1972).
Charlie R. Steen	1970s	LANL	Steen (1977, 1979)
Arthur Rohn Loy C. Neff	1980s	Wichita State University	Rohn (1989) Neff (1990)
Nancy Olsen	1988-91	NPS	Part of NPS Bandelier Survey Project

* Abbreviations:

- AIA Archaeological Institute of America.
 AMNH American Museum of Natural History, New York.
 BAE Bureau of American Ethnology, Washington, D.C.
 BNM Bandelier National Monument.
 LA Laboratory of Anthropology (now part of Museum of New Mexico), Santa Fe.
 LANL Los Alamos National Laboratory.
 MMA Maxwell Museum of Anthropology, University of New Mexico, Albuquerque.
 MNM Museum of New Mexico, Santa Fe.
 NPS National Park Service; Southwest Regional Office (SWRO), Santa Fe.
 OCA Office of Contract Archeology, University of New Mexico, Albuquerque.
 SAR School of American Archaeology, later School of American Research, Santa Fe.
 SIU Southern Illinois University, Carbondale.
 SFNF Santa Fe National Forest, Santa Fe.
 UCLA University of California at Los Angeles.
 UNM University of New Mexico, Albuquerque.
 WACC Western Archeological and Conservation Center, Tucson.

^b Covers broad area well as subdivisions listed below.^c Now University of Northern Colorado, Greeley.^d Now Highlands University, Las Vegas.

Table 2. Excavated sites on the Pajarito Plateau.^a

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
2	Agua Fria Schoolhouse	1911 A. V. Kidder 1965 Jack Wilson 1988 Richard W. Lang and Cherie L. Scheick		Kidder (1915) Lang and Scheick (1989, 1991)
5	Los Aguajes PARP 031A, 032B	1915 Nels C. Nelson	AMNH	Anonymous (1915) Nelson (n.d.b)
32	Little Otowi SIU 59.240 LA 2774, 2775	1915-1917 Lucy L. W. Wilson	MNM	See LA 169
35	Pueblo Cañada SIU 57.253 PARP 705	1914 Nels C. Nelson	AMNH	Nelson (n.d.a)
47	Puye Hewett's 2	1896-1927 Edgar L. Hewett	?	Hewett (1908a) Morley (1910a, 1910b, 1910c)
70	Pueblo del Encierro SIU 58.97	1964-1965 Museum of New Mexico Staff	MNM	Schaafsma (1965) Snow (1976, 1979) Warren (1974c)
78	Frijolito Ruin SIU 58.216	1908 Edgar L. Hewett ca. 1910-12 A. V. Kidder	MNM? PM	Hewett (1909d:452, 1930:224) Kidder (1914, 1915) Mera (1934:7)
79		Unknown	MNM	ARMS files; Mera (1940)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
82	Tyuonyi SIU 59.245 Hewett's 21	1908-1912 Edgar L. Hewett 1934 Paul F. Reiter 1937 Jerome W. Hendron 1947-1948 Thomas B. Onstott	USNM, PM, MAI, WACC, BNM	Bandelier (1892) Hendron (1937e, 1937-38, 1938a, Hewett (1904, 1906, 1909d, 1930, 1938a) Hewett and Mauzy (1940) Judd (1962) Onstott (1948c, 1952) Reiter (1934a) Turney (1950)
169	Big Otowi Little Otowi and other small sites and cavates in area PARP 303 SIU 59.241 Turney's Otowi 43 Hewett's 8	1905 Edgar L. Hewett 1915-1917 Lucy L. W. Wilson 1939 Robert H. Lister	USNM, MNM, ASM, ?PCC, ?PA, UCLA	Anonymous (1916a, 1916b, 1916-1917, 1918) Creutz (1975) Hewett (1904, 1906, 1938) Kidder (1915) Lister (1939b, 1939d, 1940b) Mathien (1990) Maxon (1962, 1969) Tichy (1941, 1947a, 1947b) Wilson (1916a, 1916b, 1917, 1918a, 1918b)
170	Tsirege (Tschirege) PARP 475 SIU 59.244 Hewett's 15	1897-1905 Edgar L. Hewett	MNM, ASM, PA, MAI, USNM, PM, ROM, UCLA	Hewett (1904, 1906, 1938a) Hewett and Mauzy (1940) Kidder (1915) Mera (1934)
170	Tsirege Cave	1956-1957 Los Alamos Archaeological Society	MNM	Jackson (1934b) Maxon (1969) Young (1954b)
207	RV 128	1948-1949 Frederick C. V. Worman	WACC	Worman (1950)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
211	Tsankawi Ruin SIU 58.212 Turney's Otowi 41 Hewett's 10	1900-1908 Edgar L. Hewett	USNM, MNM, WACC, MAI	Beam (1909) Hewett (1904, 1906, 1938a) Hewett and Mauzy (1940) Jackson (1934a) Johnson (1960) Kidder (1915) Lister (1940c) Reiter (1934b)
217	Rainbow House SIU 59.243	1948-1950 Frederick C. V. Worman	WACC	Caywood (1966) Creutz (1975) Eininger (1989) Richert (1968) Worman (1949, 1950)
250	Yapashi SIU 58.254 Hewett's 22	1908 Edgar L. Hewett	SDMM, PM	Bandelier (1892) Hewett (1906, 1909d, 1930, 1938a) Kidder (1915) Mathien (1991a) Prince (1903)
295	Koyiti (Old Cochiti) PARP 189A SIU 57.158 Hewett's 27	1916? Nels C. Nelson	AMNH	Nelson (n.d.a) Frisbie et al. (1970)
370	San Miguel SIU 59.212 Hewett's 24	1908 Edgar L. Hewett	Uncertain	Bandelier (1892) Hewett (1906, 1909d, 1938a)
591	Las Majadas	1963 David H. Snow		Snow (1973a)
708		?	?	ARMS files
1067		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
3444	Kuapa PARP 820 SIU 57.160 Hewett's 26	1916? Nels C. Nelson	AMNH	Nelson (n.d.a)
3445	Spanish Cañada SIU 57.154	?SIU	SIU	ARMS files
3449	SIU 57.157	?SIU	SIU	ARMS files
3653	SIU 58.92	?SIU	SIU	None
3840	Casa del Rito SIU 59.219	1990 Timothy A. Kohler	WSU	Kohler and Root (1992)
3852	SIU 59.231	1989 Timothy A. Kohler	WSU	Kohler (1989)
4611		1968 Frederick C. V. Worman	MNM, NPS, or LAHS	Steen (1977)
4618		?LANL	LANL	Larson (personal communication, 1992)
4627		1978 Charlie R. Steen	MNM, NPS, or LAHS	Steen (1982)
4628	R.V. 197A	1957 Frederick C. V. Worman 1976 Charlie R. Steen	MNM, NPS, or LAHS	Steen (1982) Worman (1959, 1967)
4629	R.V. 196	1977 Charlie R. Steen	MNM, NPS, or LAHS	Steen (1982)
4630		1974 Charlie R. Steen	MNM, NPS, or LAHS	Steen (1977)
4631	R.V. 194	1957 Frederick C. V. Worman	MNM, NPS, or LAHS	Worman (1959, 1967)
4632	R.V. 193 PARP 401	1957 Frederick C. V. Worman	MNM, NPS, or LAHS	Worman (1959, 1967)
4633	R.V. 192 PARP 386	1957 Frederick C. V. Worman	MNM, NPS, or LAHS	Worman (1959, 1967)

Table 2. (continued)

L.A. No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
4634		1963 Frederick C. V. Worman	MNM, NPS, or LAHS	Steen (1977)
4637-38		1961 Frederick C. V. Worman	MNM, NPS, or LAHS	Steen (1977)
4658-60		1964 Frederick C. V. Worman	MNM, NPS, or LAHS	Steen (1977)
4664		1974 Charlie R. Steen	MNM, NPS, or LAHS	Steen (1977)
4666		?	MNM	Steen (1982)
4668		?	MNM	Steen (1982)
4680		? Unknown	MNM, NPS, or LAHS	Steen (1977)
4686		? Unknown	MNM, NPS, or LAHS	Steen (1977)
4693 (12674)	R. V. 45 PARP 534	1949 Frederick C. V. Worman	WACC	Worman (1950)
4710	DP East Site	1963, 1974 Frederick C. V. Worman	MNM, NPS, or LAHS	Steen (1977)
4711-16		1965 or 1968 Frederick C. V. Worman	MNM, NPS, or LAHS	Worman and Steen (1978)
4722-24		1965 or 1968 Frederick C. V. Worman	MNM, NPS, or LAHS	Worman and Steen (1978)
4726-29		1965 or 1968 Frederick C. V. Worman	MNM, NPS, or LAHS	Worman and Steen (1978)
4997	Saltbush Pueblo	1971 David H. Snow	MNM	Ford (n.d.) Snow (1974)
5011		1976-1977 OCA	MMA	Biella (1979a)
5013		1975 Shirley A. Rorex/OCA	MMA	Chapman and Biella (1977)
5014	Pueblo Medio	1975 Karl Laumbach/OCA	MMA	Chapman and Biella (1977)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
6172 (6178 ARMS)	Torreón Site	1964-1966 David H. Snow	MNM	Snow (1973a) Warren (1967)
6461	Red Snake Hill Site	1963 Stanley D. Bussey	MNM	Bussey (1968a)
6462	North Bank Site	1963 Stanley D. Bussey	MNM	Bussey (1968b)
8681	Fulton's Site 190	1953-1956 Los Alamos Archaeological Society	MNM	Fretwell (1954, 1959) Maxon (1969) Young (1954a)
8720	Cock	1971 David H. Snow	NMN	Snow (1973c)
8866	Twin Hills Site	1967 Joseph Allen and Marjorie F. Lambert	MNM	Allen (1967) Lambert (1967) Warren (1969)
9138-39		1975 Patricia J. Marchiando/OCA 1975 Richard Wessel/OCA	MMA	Chapman and Biella (1977)
9154		1964-1966 Stanley D. Bussey	MNM	Bussey (1971)
9860		1970 Bruce Moore	SIU	Moore (1979)
9918		1970 Bruce Moore	SIU	Moore (1979)
9928		1970 Bruce Moore	SIU	Moore (1979)
10110-11		1975 John R. Stein/OCA	MMA	Chapman and Biella (1977)
10114		1976-1977 OCA	MMA	Biella (1979a)
10117		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
10119	Fawn Site	1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12117		1977 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
12119	50¢ House Kiva House	1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982) Traylor (1969)
12120		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12121	House across the Way	1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12122-28		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12144		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12161		1975 Michael P. Marshall/OCA	MMA	Chapman and Biella (1977)
12438		1975 OCA	MMA	Chapman and Biella (1977)
12442-44		1975 OCA	MMA	Chapman and Biella (1977)
12447-49		1975 James G. Enloe/OCA 1975 John R. Stein/OCA	MMA	Chapman and Biella (1977)
12454		1975 Patricia J. Marchiando/OCA	MMA	Chapman and Biella (1977)
12456		1975 James G. Enloe/OCA	MMA	Chapman and Biella (1977)
12463		1975 James G. Enloe/OCA	MMA	Chapman and Biella (1977)
12465		1975 John R. Stein/OCA	MMA	Chapman and Biella (1977)
12468		1975 James G. Enloe/OCA	MMA	Chapman and Biella (1977)
12483		1975 Richard Wessell/OCA	MMA	Chapman and Biella (1977)
12486		1975 Richard Wessell/OCA	MMA	Chapman and Biella (1977)
12494-96		1975 Richard Wessell/OCA 1975 Patricia J. Marchiando/OCA 1975 Marcel Komfield/OCA	MMA	Chapman and Biella (1977)
12498		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
12507		1975 Richard Wessell/OCA	MMA	Chapman and Biella (1977)
12511-12		1975 Karl Laumbach/OCA 1975 Billy J. Naylor/OCA	MMA	Chapman and Biella (1977)
12515		1975 OCA	MMA	Chapman and Biella (1977)
12517-19		1975 Patricia J. Marchiando/OCA	MMA	Chapman and Biella (1977)
12522		1975 Billy J. Naylor/OCA	MMA	Chapman and Biella (1977)
12524		1975 Patricia J. Marchiando/OCA	MMA	Chapman and Biella (1977)
12566	Ojala Cave	1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12567-68		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12575		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12577		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12581-82		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12584		1975 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
12604 or 12609 (LA 2995 /Maxon)	Cave Kiva Turney's 51	1962 James C. Maxon	???	LA numbers differ in Steen and ARMS files Maxon (1962) Steen (1977) Turney (1955)
12743		1964 Frederick C. V. Worman	MNM, NPS, or LAHS	Steen (1977)
13049-50		1976-1977 OCA	MMA	Biella (1979a)
13054		1976-1977 OCA	MMA	Biella (1979a)
13076		1976-1977 OCA	MMA	Biella (1979a)
13086		1976-1977 OCA	MMA	Biella (1979a)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
13094		1976-1977 OCA	MMA	Biella (1979a)
13286		1976 Charlie R. Steen	MNM ?	Steen (1977)
13291-93		1976-1977 OCA	MMA	Biella (1979a)
13326		1976-1977 OCA	MMA	Biella (1979a)
13329		1976-1977 OCA	MMA	Biella (1979a)
13331-33		1976-1977 OCA	MMA	Biella (1979a)
13350-53		1976-1977 OCA	MMA	Biella (1979a)
13659	Supply Cave	1977 Diane Traylor	NPS-SWRO	Hubbell and Traylor (1982)
13663	Ceremonial Cave	1908-1910 Jesse Nusbaum/Edgar L. Hewett	?	Hewett (1909a, 1909b, 1938a) Hewett and Mauzy (1940) Hendron (1937b, 1937f, 1938a) Lister (1940c)
13664	Group E Talus House	1908 Edgar L. Hewett	PM	Hendron (1937a,d) Hewett (1909b, 1930, 1938a)
13665	Group D Long House	1908 Edgar L. Hewett 1938 Robert H. Lister	PM	Hewett (1938a) Lister (1939a, 1939c, 1940a, 1940c) Onstott (1948b)
14813-15		1979-1980 Los Alamos Archaeological Society	MNM, Fuller Lodge	Poore (1981)
15855		?		Steen (1982)
15866		1977 Charlie R. Steen		Steen (1982)
15935		1979-1980 Los Alamos Archaeological Society	MNM, Fuller Lodge	Poore (1981)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
16097		1977 Diane Traylor	NPS-SWRO	Traylor et al. (1990)
16107		1977 Diane Traylor	NPS-SWRO	Traylor et al. (1990)
16109		1977 Diane Traylor	NPS-SWRO	Traylor et al. (1990)
16114		1977 Diane Traylor	NPS-SWRO	Traylor et al. (1990)
21454		1985-1986 Robert Preucel	UCLA	Preucel (1988, 1990)
21472-21473		1985-1986 Robert Preucel	UCLA	Preucel (1988, 1990)
21607	PARP 187	1985-1986 Robert Preucel	UCLA	Preucel (1988, 1990)
23920	03-1163	1986 Roger A. Moore	DCA	Moore (1986)
23964	03-1171	1986 Roger A. Moore	DCA	Moore (1986)
24869	AR-03-10-08-422	1978 Michael Elliott	SFNF?	Elliott (1981) Rodgers et al. (1981) Scott (1982)
29750		1985-1986 Robert Preucel	UCLA	Preucel (1988, 1990)
29995		1979-1980 Los Alamos Archaeological Society	MNM, Fuller Lodge	Poore (1981)
50972	Group M Cavate M77	1943 Jerome W. Hendron 1988 Timothy A. Kohler	WACC WSU	Hendron (1943b) Kohler (1989) Turney (1948)
52320		1985-1986 Robert Preucel	UCLA	Preucel (1990)
52327		1985-1986 Robert Preucel	UCLA	Preucel (1990)
52333		1985-1986 Robert Preucel	UCLA	Preucel (1990)
56743-44	03-1172	1986 Roger A. Moore	DCA	Moore (1986)

Table 2. (continued)

LA No.	Site Name	Year Excavated/ Primary Excavator(s)	Collections ^b	References
60372	Burnt Mesa Pueblo	1988-1989 Timothy A. Kohler	WSU	Kohler (1989, 1990) Kohler and Root (1992)
60550		1988 Timothy A. Kohler	WSU	Kohler (1989)
62320		1985-1986 Robert Preucel	UCLA	Preucel (1988, 1990)
62327		1985-1986 Robert Preucel	UCLA	Preucel (1988, 1990)
62333		1985-1986 Robert Preucel	UCLA	Preucel (1988, 1990)
70029		1990 SAC	LANL	Biella (1992)
77722	Large kiva east of Tyuonyi	1908 Edgar L. Hewett	SAA	Hewett (1909a) Hendron (1937c, 1937g) Onstott (1948c) Turney (1950)
None	Circular platform	1908 Edgar L. Hewett	?	Hewett (1909b, 1938a)
None	Rectangular structure	? Edgar L. Hewett	?	Bandelier (1892) Hewett (1906, 1930)
None	Potsui'i I	1943 Jerome W. Hendron	WACC	Hendron (1945)
None	Potsui'i II	1943 Jerome W. Hendron	WACC	Hendron (1945)
None	Site R: Site No. 1	1959 Frederick C. V. Worman	MNM	Steen (1977)
None	Site R: Site No. 2	1959 Frederick C. V. Worman	MNM	Steen (1977)
None	Airport No. 1	1951 Frederick C. V. Worman	MNM	Steen (1977)
None	Airport No. 2	1951 Frederick C. V. Worman	MNM	Steen (1977)

Table 2. (continued)

^a Listed by LA numbers.

^b Abbreviations:

AMNH	American Museum of Natural History, New York.
ASM	Arizona State Museum, Tucson.
ASC	Adams State College, Alamosa.
BNM	Bandelier National Monument.
DCA	Division of Conservation Archaeology, San Juan Museum, Farmington.
LAHS	Los Alamos Historical Society.
MAI	Museum of the American Indian, New York.
MMA	Maxwell Museum of Anthropology, University of New Mexico, Albuquerque.
MNM	Museum of New Mexico, Santa Fe.
NPS	National Park Service, Southwest Regional Office (SWRO), Santa Fe.
OCA	Office of Contract Archeology, University of New Mexico, Albuquerque.
PCC	Philadelphia Civic Center.
PM	Peabody Museum, Cambridge.
ROM	Royal Ontario Museum, Toronto.
SAA	School of American Archaeology (now at MNM).
SAC	Southwest Archaeological Consultants, Santa Fe.
SDMM	San Diego Museum of Man, San Diego.
SFNF	Santa Fe National Forest, Santa Fe.
SIU	Southern Illinois University, Carbondale.
UCLA	University of California at Los Angeles.
USNM	U.S. National Museum, Washington, D.C.
WACC	Western Archeological and Conservation Center, Tucson.

popular novel (Bandelier 1890). His detailed notes have been edited in four volumes by Lange et al. (1975, 1984), Lange and Riley (1966), and Lange and Riley with the assistance of Lange (1970).

Lummis's interest in the Pueblo Indians blossomed in 1888-89 when he was living in New Mexico while recuperating from a stroke; for part of this time, he lived at the Pueblo of Isleta. In 1890 he met Bandelier and accompanied him to the Pajarito Plateau. In 1904 Lummis helped found the Southwest Society (AIA), and he later served as a member of the AIA Board and its School of American Archaeology (later the School of American Research), which was founded in 1907. As editor of a popular magazine, Land of Sunshine (1893; which became Out West after 1902), Lummis provided an outlet for brief reports written by travelers or other archeologists who came to the Pajarito Plateau with the School of American Archaeology (Hewett 1909a; Morley 1910c; Wallace 1900). Chapters in Lummis's popular books (Some Strange Corners of Our Country, 1915; Land of Poco Tiempo, 1925; Mesa, Canyon and Pueblo, 1925) were widely read by the American public, some of whom traveled to the Pajarito Plateau or became affiliated with the AIA field schools after 1907.

Edgar L. Hewett and the School of American Archaeology (AIA)

Edgar L. Hewett entered the southwestern scene in 1896 when he began his investigations on the Pajarito Plateau. Hewett, an educator first at the Normal School (now University of Northern Colorado) in Greeley, Colorado, then in 1897 president of the New Mexico Normal School (now Highlands University) in Las Vegas, New Mexico, began the first major archeological program on the Pajarito Plateau. Initially, he explored the area to learn about human development from prehistoric ruins. In addition to archeological

reconnaissance, Hewett conducted limited excavations in mounds at larger sites (Puye, Tsankawi) as well as several small sites in the area near Tsirege, located on the Ramon Vigil Grant (Hewett 1904a). After these summer explorations, he contacted other educators interested in anthropology throughout the country, bringing to their attention the importance of this area in prehistory (Hewett 1946). Two of Hewett's colleagues at the New Mexico Normal School, Kenneth Chapman and Richard Powell, were part of the summer expeditions (Hewett 1904:629). Powell conducted a rock art survey in 1899-1901 (Hewett 1938:114-115); his data are incorporated into Chapman's (1916, 1938) reports.

In 1903 Hewett left the New Mexico Normal School and went to the University of Geneva to obtain his Ph.D. in sociology. While working on his degree, he was hired by the BAE in 1904 to survey, map, and prepare a report on the Pajarito Plateau (Hewett 1906). He excavated mounds at Otowi and conducted some field work at Tsirege (Mathien 1990). Hewett's 1906 report contains much of the same information on the Pajarito Plateau as is found in his 1908 dissertation, which includes then-known prehistoric sites located in an area extending from southern Colorado down into the Chihuahua Basin of Mexico. Although he documented the different prehistoric groups of the American desert, he paid particular attention to the Rio Grande Valley and the Pajarito Plateau. Hewett examined social organization and commented on population distribution as derived from material culture remains.

While at the BAE, Hewett was in contact with numerous government officials as well as AIA members. He was interested in the protection of archeological sites, as well as the establishment of an archeological park on the Pajarito Plateau (Hewett 1903, 1916, 1929). Hewett worked closely with Congressman J. Lacey on a bill that in 1906 became the Antiquities Act. His work to secure passage of this act, as well as the refinement of the rules

and regulations that the Departments of War, Interior, and Agriculture issued, focused on developing regulations that were closely tied to AIA goals and philosophy. In 1905 Hewett had been appointed a fellow of the AIA, in 1906 Director of American Archaeology for AIA, and in 1907 head of the newly founded School of American Archaeology for AIA. As Director of American Archaeology, Hewett worked closely with AIA-affiliated societies. The School of American Archaeology was established in Santa Fe, and Hewett collaborated with Charles F. Lummis, Secretary of the Southwest Society (AIA), which financed the first year of major excavations at Puye in 1907 (Hewett 1908a).

The 1907 work at Puye included participation by summer students from Columbia and Harvard universities; Hewett's field-school approach later proved to be a magnet for students from many institutions over the years, and Hewett drew on many of them, plus his colleagues, as field assistants. In the years after 1907, excavations were conducted in the Rito de los Frijoles (particularly at Tyuonyi, but also at Long House, Talus House, two small ruins east of Tyuonyi, Big Kiva, Yapashi, Frijolito Ruin, and San Miguel). Additional work was conducted in the area around Ojo Caliente and in the Jemez Valley during the next several decades. The work is summarized in several publications by Hewett (1908a, 1909a-g, 1930, 1938a); Hewett et al. (1913); Hewett and Dutton (1945); and Hewett and Mauzy (1940), but no detailed site reports were published.

Among the students who studied and worked under Hewett on the Pajarito Plateau were Sylvanus G. Morley and Alfred V. Kidder. Both worked at Puye. Morley's account of the excavations at the South House of this site was published in several places (Morley 1910a, 1910b, 1910c); he also examined the Spanish archives for information on the use of the Rito de los Frijoles (Morley 1938). Kidder excavated at Frijolito Ruin on the mesa south of the Rito de los Frijoles, but to date, few of his notes have been found. Kidder did incorporate data

from this and other sites into his Ph.D. dissertation (Kidder 1914) and into a summary article on ceramics (Kidder 1915).

Others associated with Hewett's and the School of American Archaeology's investigations on the Pajarito Plateau include John P. Harrington, an ethnologist and linguist. Harrington and other colleagues examined the populations of the Rio Grande Valley and reconstructed geographical, botanical, and zoological uses of the area (Harrington 1916a, 1916b, 1919, 1920, 1947; Henderson and Harrington 1914; Robbins et al. 1916). Kenneth Chapman came to the School of American Archaeology as a staff member. His artistic talents were used in a rock art study on the Pajarito Plateau (Chapman 1916, 1917a, 1917b, 1927b, 1938), as well as in drawings and models of what these sites may have looked like when inhabited by the Anasazi.

Hewett introduced many people to the historic and prehistoric Indians of the Southwest through his field schools, AIA summer sessions, and visits to sites in the area. After 1910 an annual camp was established in the Rito de los Frijoles, as well as one at Puye. Meetings of the boards of directors of AIA and the School were also held in the Rito de los Frijoles so that the members could see the results of investigations first hand. By the 1920s Hewett had been in contact with officials from the Santa Fe Railroad and soon established a museum at Puye, with transportation from Santa Fe and Española to the site. Thus, many of the country's educated and wealthier citizens were able to observe southwestern archeology in action.

During this period Lucy L. W. Wilson and her husband, William Wilson, director of the Philadelphia Commercial Museum, became interested in the site of Otowi. Lucy Wilson was the principal of the Southern High School in Philadelphia. She spent three summers (1915, 1916, and 1917), assisted in part by Wesley Bradfield from the School of American

Archaeology, excavating Big Otowi and Little Otowi and several small sites and cliff dwellings in the area. Wilson's available reports for this site contain limited information (Wilson 1916a, 1916b, 1917, 1918a, 1918b); the collections are at the Museum of New Mexico. The field notes have never been located, and it is assumed that they perished in a flood in the Philadelphia Commercial Museum.

Because of his interest in preservation, Hewett tried to create a park that would encompass much of the Pajarito Plateau. He called it Pajarito Park at one time, the Cliff Dwellers Park at another (Cameron n.d.; Hewett 1903, 1916; Rothman 1988). Many bills were introduced to Congress, and debates continued for years. In the end, Bandelier National Monument was created in 1916; but it was not nearly as extensive as Hewett had hoped. Much of the land on the Pajarito Plateau was left under the jurisdiction of the Department of Agriculture or as part of the Indian Reservation system (Puye is on the Santa Clara Indian Reservation). The Ramon Vigil Grant remained a separate area for many years; later it was incorporated into the Los Alamos Scientific Park, on which Los Alamos National Laboratory is located (Lyon and Evans 1985; Pettitt 1972; Truslow 1973; Truslow and Smith 1947).

Additional Surveys and Chronological Research

While Hewett and the School of American Archaeology were concentrating efforts on the central and northern part of the Pajarito Plateau, Nels C. Nelson of the American Museum of Natural History began a reconnaissance survey along the Rio Grande that extended from Cochiti Canyon to El Paso. Nelson wanted to develop a better chronology for archeological sites and employed various stratigraphic tests to achieve his goal (Nelson 1913, 1915, 1916, 1917). He tested the sites of Old Cochiti (or Koyiti), Pueblo Cañada, and

Kuapa, all on the southern border of the Pajarito Plateau, as well as the Potrero de los Idolos, a major shrine. Unfortunately, his data were never published in detail; his field notes are on file at the Laboratory of Anthropology of the Museum of New Mexico, Santa Fe (Nelson n.d.a, n.d.b).

Another large survey was initiated by Reginald Fisher, a later student and colleague of Hewett's at the University of New Mexico and School of American Research. Fisher recorded known sites on the Pajarito Plateau in a system developed to encompass the entire state of New Mexico (Fisher 1931).

By 1922 Dr. Harry P. Mera, a physician who had a deep interest in the Pueblo Indians and their ceramics, had begun a survey of prehistoric sites in the Rio Grande area. He walked much of New Mexico to map many sites and make surface collections in order to define ceramic wares and establish more detailed chronologies than were available. His work on the Pajarito Plateau (Mera 1932, 1933, 1934, 1935, 1940) led to a revised ceramic sequence for the area, as well as a discussion of population, migration, growth, and settlement. The collections are maintained by the Museum of New Mexico at the Laboratory of Anthropology.

Later researchers continued the chronological investigations. Adding to the ceramic analyses of Mera are studies by Chapman (1970), Frank and Harlow (1974), Gauthier (1982), Guthe (1925), Harlow (1965a, 1965b, 1967, 1973, 1977), Harlow and Young (1965), Lang (1982), Museum of New Mexico (1966), Shepard (1942, 1965), Snow (1973e, 1982b), and Warren (1967, 1968, 1970, 1974b, 1974c, 1977a, 1977c, 1977d, 1979a, 1979b, 1979d, 1981, and n.d.). Although a substantial amount of information is available, pottery sequences are fairly well outlined, and some source areas are defined, there is still room for improvement of type descriptions and terminology, especially with regard to

ordination of type names and chronological control. To provide other types of chronological control, studies of tree-ring dates (Robinson et al. 1972; Smiley 1952; Smiley et al. 1953; Stallings 1933, 1937) were initiated and continue to help refine our knowledge about the development of the Pueblos through time, but the number of samples from excavated sites is small, and more work is needed to establish a good chronology for this area. Obsidian hydration dating has been used (Russell 1981a, 1981b) on both the Pajarito Plateau and in the neighboring Jemez Mountains; Wolfman and Willmer (1991) review the chronology for the larger area.

Work on Federal Lands--Bandelier National Monument and Los Alamos

Government agencies that are responsible for large areas on the Pajarito Plateau developed their own programs as they needed new data or made changes in land use. In 1935 James Fulton, a forester, surveyed the ruins on the Ramon Vigil Grant. He relocated many ruins already located on available maps, some of which Bandelier and Hewett had identified. Fulton created a base map (NM/BAN 4947) used by others (Worman 1959, 1967). His field notebook (on file in the archives at Bandelier National Monument) indicates that he located 287 sites; recorded data include the length and width of each ruin and the number of rooms and rock art panels at each site.

In 1942 Los Alamos National Laboratory was established on the northern half of the Pajarito Plateau in order to develop and test a fission bomb. As the goals and mission of this facility have changed from a closed military operation to an open town and institution devoted to peaceful use of atomic energy (Lyon and Evans 1985), ever-expanding use of the land has necessitated survey and excavation of archeological sites. Roads and buildings were

constructed, and an entire town sprung up on the high mesas. There is little information on the work that was done during the early years, but several archeologists have been consultants for Los Alamos. The first such person to conduct research on a long-term basis for this facility was Frederick C. V. Worman; he was succeeded by Charlie Steen, David H. Snow, and Beverly M. Larson.

Before his association with Los Alamos, Worman began a multiyear archeological project in 1948 that included both survey and excavation by field-school participants from Adams State College in Alamosa, Colorado. The area covered in this research was on the Ramon Vigil Grant and in what is now the northern part of Bandelier National Monument (Rito de los Frijoles and mesa to the north). In 1948 39 sites were located (Worman 1949); in 1949 an additional 45 sites were recorded (Worman 1950). Excavations were carried out at Rainbow House, RV 128, and RV 45. Unfortunately, Worman left Adams State College before completion of the planned five-year program. The only publication that resulted from this program was by Caywood (1966), who reported on the excavation data from Rainbow House many years later. Worman continued to work on the Pajarito Plateau for the Department of Energy (Los Alamos National Laboratory); he surveyed and excavated sites in areas that were being used by that facility (Worman 1953, 1967; Worman and Steen 1978). Worman (1967:1) indicates that he revised all of Fulton's 1935 site numbers and listed them in the Laboratory of Anthropology (now ARMS) system; the collections were turned over to the Museum of New Mexico.

By the 1950s several additional projects were under way. The Los Alamos Archaeological Society carried out an excavation at Fulton's site 190 (LA 8681) from 1953 to 1956. This is an Anasazi pueblo of 21 or more rooms located in what is now the Pajarito Acres section of the town of White Rock (Fretwell 1954, 1959). During 1956 and 1957 the society

also excavated an Anasazi cave site near Tsirege (Tsirege Cave, LA 170). Some data are available in Maxon (1969) and Young (1954b). No other reports were published, and the material is curated at the Museum of New Mexico.

The National Park Service undertook partial surveys of the Otowi Section (now reduced in size and called the Tsankawi Section) of Bandelier National Monument as a result of the need for roads and waterlines to the Los Alamos community. In 1946 Ralph Lassiter, Carl Alleman, James M. Eden, Dale S. King, and Walter W. Taylor examined a proposed waterline through Los Alamos Canyon; eight sites were recorded. In 1948 Erik K. Reed checked a road through Sandia Canyon; even though no free-standing pueblo sites would be impacted by the road, several talus sites at the base of the cliff along the north side would be affected. A survey of the entire Otowi Section was conducted in 1952 by John F. Turney, a NPS archeologist. His 1955 draft report indicates that 55 sites were recorded and given numbers in the Laboratory of Anthropology (now ARMS) system. Included in the records are 43 pueblos, 11 cliff sites, and one sherd scatter, most of which date to the A.D. 1100-1500s.

Over the years, the National Park Service has conducted some excavations as part of a program to preserve cultural resources. In addition, erosion has led to excavation and collection in specific areas; reports are on file in the archives at Bandelier National Monument. Creutz (1975) summarized the program of ruins stabilization that was carried out. Listed below are the sites and references to the work completed on these stabilization or salvage/mitigation projects.

<u>Site</u>	<u>Reference/Comments</u>
Otowi Section	Harkins (1938--burial) Lister (1939b, 1939d, 1940a) Maxon (1962)
Potsui'i II	Hendron (1945)

Tsankawi	Johnson (1960--burial) Lister (1940b)
Tyuonyi	Hendron (1938a) Onstott (1947, 1948b, 1952) Turney (1950)
Large Kiva east of Tyuonyi	Hendron (1937c, g) Onstott (1948c) Turney (1950)
Long House, Group D	Lister (1939a, 1940a) Onstott (1948a, 1939c)
Talus House, Group E	Hendron (1937a,d)
Group M	Hendron (1943b) Turney (1948)
Frijoles caves	Lister (1940c)
Rainbow House	Richert (1968)
Ceremonial Cave	Hendron (1937b, 1938b)

Ethnology and Archeology

Studies in related anthropological fields also contribute to our understanding of the prehistoric and historic Pueblo Indians. Ethnologists began detailed studies in the early 1900s and continue. Many published reports (Dozier 1958, 1961, 1966; Fox 1960, 1964, 1967; Goldfrank 1927; Lange 1944, 1950a, 1950b, 1952a, 1952b, 1953a, 1953b, 1957, 1958a, 1958b, 1959, 1961, 1980; Ortiz 1969; Parsons 1929, 1932, 1939; White 1930, 1944; Whitman 1940, 1947; and Wittfogel and Goldfrank 1943) add greatly to our understanding of the various Rio Grande Pueblo peoples. Archeologists often use these data to generate testable hypotheses or to provide models of culture change.

During the 1950s Charles H. Lange, of the University of New Mexico and later Southern Illinois University (SIU), began a long-term anthropological study of the modern Cochiti and their ancestors. In addition to ethnological research (see above), he spent many years conducting archeological survey and excavation programs on lands that would be affected, in part, by the construction of Cochiti Dam on the Rio Grande. In 1957, 1958, and 1959 Lange and his oldest son conducted a horseback survey on the Cañada de Cochiti Grant (then owned by James Webb Young),

Bandelier National Monument, and the southern part of Los Alamos lands. The goal was to verify locations of mound sites indicated on existing maps. These three areas eventually saw much additional research. Some field notes and collections from Lange's projects are in the NPS collections; a brief report on their contents was prepared by Peter J. McKenna (1986). Other notes and artifacts are housed at various institutions under which research was conducted or that owned land in these areas.

Lange spent only the summer of 1957 on the Cañada de Cochiti, which in 1964 was turned over to the University of New Mexico (UNM). In 1969 UNM asked Lange to complete the survey and conduct some test excavations at small house ruins. This was done in 1969 and 1970. He and his students from SIU recorded 150 new sites for which surface samples were collected in addition to the sites previously recorded by Lange; all sites were given LA numbers. The area encompassed the west end of the James Webb Young Ranch, including the east potrero of West Mesa. The northeastern corner of the Cañada was not surveyed because of its inaccessibility; and on the far west, the survey was limited to the Rio Chiquito and the terraces immediately north and south of it (Frisbie et al. 1970). A second field season completed the survey and began test excavations in small house ruins; these data from small pueblos form part of the discussion in a dissertation by Bruce Moore (1979).

Additional work by UNM on the Cañada de Cochiti includes a 1973 survey designed to assess the intensity and accuracy of previous work (Flynn and Judge 1973); an additional 111 sites were recorded. In 1990 Wirt H. Wills conducted a UNM archeological field school on this land; his purpose was to teach mapping techniques.

The Cochiti Dam

The decision to control the Rio Grande

by placing a dam across the river near Cochiti Pueblo led to archeological surveys and mitigation of sites below the floodwater line beginning in the 1960s. Construction of Cochiti Dam necessitated use of land belonging to the Pueblo of Cochiti, the University of New Mexico, the National Park Service, the Atomic Energy Commission, and the U.S.D.A. Forest Service, as well as private landowners. Funds from the U.S. Army Corps of Engineers were administered by the National Park Service through grants to the Museum of New Mexico and other contractors between 1962 and 1967. A major contract for the area south of Bandelier National Monument was awarded to Lange and SIU through the Museum of New Mexico (Lange 1968a, 1968b). Work on this project included survey on both banks of the Rio Grande by Alfred E. Dittert, Jr., Charlie R. Steen, and Albert H. Schroeder in 1962. Stan Bussey, Stewart Peckham, and Charles H. Lange continued this work from 1963 through 1964. A total of 28 sites, ranging from a knapping area to a large pueblo with 100 rooms, were located. Peckham and Wells (1967) provide additional site information. Excavations at some sites and additional survey were carried out by David Snow (1971, 1972a, 1973a, 1973c, 1976, 1979). Excavations are reported by Snow (1971) for the 1964-66 seasons, and Snow (1973a, 1973b, 1973c, 1976, 1979) for other years. An ancillary study of petroglyphs was conducted for the Museum of New Mexico by Polly Schaafsma in 1966 (Schaafsma 1967, 1971, 1972). Her 1972 overview of Rio Grande rock art indicates differences among elements between the areas north and south of Frijoles Canyon, a difference also noted by Steen (1977:20-24, 1979).

It was realized, however, that these endeavors were insufficient, so a proposal for more intensive survey and mitigation was requested in 1973 from the Office of Contract Archeology of the University of New Mexico to correct the deficiencies (Biella and Chapman 1975). A contract for intensive anthropological and archeological research began in late 1974. It included the areas encompassed by both the

permanent and maximum flood pools; research included assessment of the existing cultural resources, intensive survey, and mitigation. Approximately 9,070 acres of land were examined under the direction of Jan V. Biella and Richard C. Chapman (Broilo and Biella 1977:3). Sites recorded within the inundation pool included 121 nonstructural proveniences at 91 locations, 228 Anasazi proveniences at 187 locations, and 128 historic proveniences at 85 locations. The survey and excavations are reported in four volumes (Biella 1979a; Biella and Chapman 1977a, 1977b; Chapman and Biella 1977) that include discussions of the environment, detailed analyses of settlement pattern, artifacts, and architectural features, as well as the development of social complexity in the Rio Grande Valley.

In addition, National Park Service archeologists were assigned survey and assessment tasks. To the north in Bandelier National Monument, early work by Natt Dodge and Zorro Bradley in 1959, Edmund Ladd in 1968, and Bradley in 1969; reconnaissance by Ron Ice, Don Fiero, and Dan Lenihan in 1973; and survey by Bruce Anderson, Don Fiero, and George West in 1974 have been incorporated into a major report by Lyndi Hubbell and Diane Traylor (1982), who surveyed 361 acres that would be impacted by water held back by Cochiti Dam. All sites within the area were well recorded, several were excavated, and an analysis of the cultural remains is presented. Hubbell and Traylor add new information, particularly about the Archaic use of the area, two rock shelters, and a number of small masonry pueblos.

Bandelier and Los Alamos in the 1970s and 1980s

Other work in Bandelier National Monument included excavation at Saltbush Pueblo in Frijoles Canyon, which was carried out by David Snow, of the Museum of New Mexico, in 1971 (Snow 1974). This pueblo

consisted of two units with 11 rooms and a keyhole kiva. Because the original ventilator was oriented toward the south (later remodeled), it suggested to Snow a possible affiliation of its inhabitants to those in the Mesa Verde area. His dating of the site is ca. A.D. 1175-1250; thus, it falls within the right time period for such a tie if one assumes that Galisteo Black-on-white was present in the site by A.D. 1250 (see Breternitz 1966 for the accepted range of dates for this pottery type).

In 1972 Charlie R. Steen succeeded Frederick Worman as the archeological consultant at Los Alamos National Laboratory. He continued archeological surveys (for a total 402 sites identified), excavations, and report writing (Steen 1974, 1977, 1979, 1980a, 1980b, 1982). The majority of the sites recorded and analyzed were occupied between the thirteenth and sixteenth centuries, and include pueblos, kivas, cavate rooms, rock art, rock alignments, water collection devices, agricultural sites, shrines, and game pits. Steen's analysis of settlement on the northern half of the Pajarito Plateau is informative and presents a number of ideas to be pursued as further research continues in this area.

A fire on lands located on Bandelier National Monument and Los Alamos National Laboratory occurred in 1977. As a result, many studies of both natural and cultural resources were initiated (Foxy 1984). A 100 percent archeological inventory of areas affected by fire-suppression teams was made; 99 sites were recorded, and 4 were excavated (Traylor et al. 1990).

During the 1980s, the National Park Service initiated a study of historic Civilian Conservation Corps (CCC) buildings within Bandelier National Monument. A report of the results is available (Harrison et al. 1988).

David H. Snow, Beverly M. Larson, and other archeologists continue to survey and excavate sites as part of cultural resource

management at Los Alamos National Laboratory. Numerous reports have been prepared (Larson 1986, 1987a-c, 1988a-b, 1991; Larson and McGehee 1989; McGehee 1988, 1989, 1992a-b; McGehee et al. 1992; McGehee and Larson 1988, 1989a-b; McGehee and Munz 1991; McGehee and Schillaci 1992; Snow 1982a) and a major resurvey of some areas is underway. LA 4618 and LA 70029 have been excavated, but only one report has been published (Biella 1992). Others are in preparation (Larson, personal communication 1992).

Recent Research Projects

During the 1970s James N. Hill, of the University of California at Los Angeles, was interested in behavioral responses to stress. His goal was to examine a general model of human responses to long-term subsistence stress based on climatic shifts. The Pajarito Plateau was chosen as a case study to determine whether or not there are ordered, predictable regularities in one area; if so, then other study areas could be examined to determine whether or not this pattern held cross-culturally. Hill and his students designed a stratified random sample survey that covered selected areas of the Pajarito Plateau bounded by Santa Clara Canyon on the north, Bland Canyon on the south, the divide between the Pajarito Plateau and the Valle Grande on the west, and an 8-km distance east of the Rio Grande (Hill 1976; Hill and Orcutt 1979; Hill and Trierweiler 1986). Lands included those under the jurisdiction of several government agencies and private individuals (Hill 1977). A 1977 pilot study was followed by three years of research. Sites were defined as five or more artifacts within the area examined, and a total of 889 sites were recorded using LA numbers (Hill 1979b). Although final research reports are still in preparation, several preliminary reports were completed for work done on Forest Service land (de Barros and Hill 1980; Orcutt and Hill 1981; Trierweiler et al. 1979; Walsh et al. 1979; Walsh et al. 1978).

Several theses and dissertations (Davis 1981; Garza 1978; Hagstrum 1983; Hyland 1986; Orcutt 1981; Preucel 1988; Trierweiler 1978, 1987) are available, as well as student papers and presentations (Hagstrum 1985; Preucel 1981, 1987b).

Expanding on this initial study, Robert W. Preucel developed the Pajarito Field House Project, an intensive survey of a limited area that examined spatial relationships between pueblos and field houses. The Pine Springs area of the Santa Fe National Forest, north of Los Alamos, was surveyed; 55 additional sites were recorded (Preucel 1985a, 1985b, 1986a-c, 1987a, 1990).

Building on earlier work by Hill, the National Park Service initiated the Bandelier Survey Project under the direction of Robert P. Powers in 1985 (Powers 1988). As in Hill's work, the research goal was to test the hypothesis that Anasazi settlement, aggregation, and organizational complexity are cultural responses designed to buffer resource unpredictability or depletion. This model differs from Hill's in that it focuses on population expansion and the reduction of the subsistence base as the initial causes of a long-term process of village formation and aggregation into larger sites. In addition to increased reliance on agriculture as a response to food stress, population aggregation may have brought about exchange, partial task responsibility, craft specialization, and even raiding.

In addition, data were gathered by the survey crews to provide management and researchers with an accurate database that can be used for planning, interpretation, and preservation of cultural resources in Bandelier National Monument, as well as to answer other, more refined questions about culture history and broader theoretical problems. A stratified random sample of 40 percent of the total park area was surveyed. Because the database provides the most information on the period between A.D. 1150-

1550 and 1600, that 400-year period provides the framework for most of the questions to be addressed. Also, some of these questions cannot be answered using surface survey data alone; therefore, some excavation was undertaken in cooperation with Washington State University (Kohler et al. 1989). Preliminary results of both survey (Head 1992; Orcutt 1990a, 1991a; Orcutt and Powers 1989; Powers and Orcutt 1988; Toll 1986; Toll et al. 1988) and excavations (Kohler 1989, 1990; Kohler and Root 1992) are available. Final results await completion of ongoing detailed analyses.

Recent analysis of available prehistoric burial material, using a new technique to determine hereditary developmental defects in the axial skeleton, provides information on the relatedness of inhabitants of several large pueblos (Barnes 1991). As additional studies are carried out, it is anticipated that relationships among modern and prehistoric groups will be better defined.

Rock art in the Rito de los Frijoles has been examined by Arthur Rohn (1989) and near Tsirege by Loy C. Neff (1990). According to these analysts, some petroglyphs seem to be localized while others are found throughout a larger area, possibly reflecting use by different groups. Similar results have been obtained by Lance K. Trask (1991, 1992) in the Jemez Mountains, but his interpretations of the panels suggest that some symbols were intended for viewing by the general population while others are in secluded areas and meant for limited audiences.

Most of the sites recorded during all the aforementioned surveys and excavations have been entered into the ARMS files of the State Historic Preservation Office in Santa Fe. Also on file are site survey data resulting from contract archeology projects, such as examination of transmission lines. In addition, the U.S.D.A. Forest Service has conducted archeological survey as part of clearance procedures whenever road maintenance work or timber removal is scheduled. The Forest Service office in Santa Fe maintains maps indicating survey locations and sites as well as the clearance reports pertinent to them. Some of these reports (only those that include archeological sites) have been entered into the cultural resources section of the bibliography even though they may not be totally within the area of the Pajarito Plateau outlined earlier in this volume.

Summary

A considerable amount of archeological investigation has taken place on the Pajarito Plateau during the past century. Several overviews and discussions of the problems of where the people came from, why they were there, and how they adjusted to the environment have been presented (Chapman and Biella 1979, 1980; Collins 1975; Cordell 1978, 1979a, 1989; Ellis 1967b; Ford et al. 1972; Reed 1949, 1950, 1951a, 1954; Steen 1977, 1980a; Stuart and Gauthier 1981; Wendorf 1954; Wendorf and Reed 1955). Ongoing research, especially the projects undertaken by Hill and Powers, will continue to refine these interpretations.

Natural Resources References

Abeyta, C. G., and B. M. Delaney

1985 Annotated Bibliography of the Geology, Hydrology, and Geothermal Resources of the Jemez Mountains and Vicinity, North-Central New Mexico. U.S. Geological Survey Open File Report No. 85-0083. Albuquerque.

Abrahams, J. H., Jr., E. H. Baltz, and W. D. Purtymun

1962 Movement of Perched Ground Water in the Alluvium near Los Alamos, New Mexico. U.S. Geological Survey Professional Paper 450-B. Washington, D.C.

Abrahams, J. H., Jr., J. E. Weir, and W. D. Purtymun

1961 Distribution of Moisture in Soil and Near-Surface Tuff on the Pajarito Plateau, Los Alamos County, New Mexico. U.S. Geological Survey Professional Paper 424-D. Washington, D.C.

Allen, Craig D.

1984a Downed Woody Fuel Loads in the 1977 Upper Frijoles Accession to Bandelier National Monument. Ms. on file, Bandelier National Monument.

1984b Fire History of a Mixed Conifer

Forest on Sawyer Mesa. Ms. on file, Bandelier National Monument.

1984c Montane Grasslands in the Landscape of the Jemez Mountains, New Mexico. Unpublished Master's thesis, Department of Geography, University of Wisconsin, Madison.

1989 Changes in the Landscape of the Jemez Mountains, New Mexico. Unpublished Ph.D. dissertation, Department of Forestry and Resource Management, University of California at Berkeley, Berkeley.

1990 Fire History Across a Landscape Gradient in the Frijoles Watershed, New Mexico. Bulletin of the Ecological Society of America 71(2).

1992 Review of Natural Resource Inventory and Monitoring at Bandelier. Report on file, Bandelier National Monument.

Allen, C. D., and K. Carlton

1990 Global Change Research: Statement of Capabilities and Interest, Upper Rio Grande Basin. Document on file, Bandelier National Monument.

Allen, C., K. Yarborough, and J. Lissoway

1990 Landscape Ecology: A Concept for Protecting Park Resources. Park Science 10(1):7-8.

Altenbach, M.

- 1992 Bibliography of Jemez Mountains Salamander Plethodon neomexicanus. Ms. in possession of author.

Anderson, Jerome E.

- 1960 Geology and Geomorphology of the Santa Domingo Basin, Sandoval and Santa Fe Counties, New Mexico. Unpublished Master's thesis, Department of Geology, University of New Mexico, Albuquerque.

Andrade, E. R., and W. D. Sellers

- 1988 El Niño and Its Effect on Precipitation in Arizona and Western New Mexico. Journal of Climatology 8:403-410.

Anonymous

- 1990 Vertebrates of Bandelier National Monument. Ms. on file, Bandelier National Monument.
- n.d. Edible and Poisonous Native Plants. Ms. on file, Bandelier National Monument.

Arganbright, K.

- 1988 Population Dynamics and Mortality in Brazilian Free-Tailed Bats (Tadarida brasiliensis) in Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1989 Population Dynamics in a Colony of Mexican Free-tailed Bats (Tadarida brasiliensis) in Bandelier National Monument, 1989 Final Report. Ms. on file, Bandelier National Monument.

Arntzen, E. G., and W. R. Foley

- 1971 Compilation and Study of Meteorological Data for Los Alamos, New Mexico, 1956 Through 1970. Los Alamos National Laboratory Report

LA-4790. Los Alamos National Laboratory, Los Alamos.

Bachman, G. O., and H. H. Mehnert

- 1978 New K.Ar Dates and the Late Pliocene to Holocene Geomorphic History of the Central Rio Grande Region, New Mexico. Geological Society of America Bulletin 89:283-292. Washington, D.C.

Bailey, R. A., and R. L. Smith

- 1978 Volcanic Geology of the Jemez Mountains, New Mexico. Guide to Jemez Mountains and Española Basin. New Mexico Bureau of Mines and Mineral Research Circular 163:184-196. Socorro.

Bailey, R. A., R. L. Smith, and C. S. Ross

- 1969 Stratigraphic Nomenclature of Volcanic Rocks in the Jemez Mountains, New Mexico. U.S. Geological Survey Bulletin 1274-P. Washington, D.C.

Bailey, R. G.

- 1980 Description of the Ecoregions of the United States. USDA Miscellaneous Publication No. 1931. Washington, D.C.

Baltz, E. H., J. H. Abrahams, Jr., and W. D. Purtymun

- 1963 Preliminary Report on the Geology and Hydrology of Mortandad Canyon near Los Alamos, New Mexico, with Reference to Disposal of Liquid Low-Level Radioactive Wastes. U.S. Geological Survey Open File Report. Albuquerque.

Barnes, Fairley J.

- 1981 Piñon-Juniper Habitat Analysis Progress Report. Submitted to Natural Resources

- Division, Contract No. PX7029-0-0694, Southwest Regional Office, National Park Service, Santa Fe.
- 1983 Habitat Types in Piñon-Juniper Woodland on the Pajarito Plateau and Range Conditions in Bandelier National Monument. Final report. Submitted to National Park Service, Contract No. PX7029-0-0694, Natural Resources Division, Southwest Region, Santa Fe.
- 1984 Water Relations of the Dominant Grasses on La Mesa Burn. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teraline S. Foxx, pp. 57-72. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.
- 1987 Gas Exchange Characteristics of Pinus edulis and Juniperus monosperma. Bulletin of the Ecological Society of America 68(3):259.
- Betancourt, Julio L., and R. M. Turner**
- 1988 Potential for Packrat Midden Studies in the Area of Bandelier National Monument. Ms. on file, Bandelier National Monument.
- Biggs, James**
- 1992 Biological Assessment for Environmental Restoration Program, Operable Unit 1079, Technical Areas 10, 31, 32, and 45. Ms. on file, Los Alamos National Laboratory, Los Alamos.
- Boden, D. R.**
- 1978 Preliminary Report on the Faulting History of Pajarito Fault Zone and Stratigraphy of a Portion of the Bandelier Tuff, Bandelier National Monument and Vicinity, New Mexico. Ms. on file, Bandelier National Monument.
- Bowen, Brent**
- 1990 Los Alamos Climatology. Los Alamos National Laboratory Report LA-11735-MS. Los Alamos National Laboratory, Los Alamos.
- Brakenridge, G. Robert**
- 1977 Present Water Supply in the Cochiti Study Area, Northcentral New Mexico. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 89-95. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Budding, A. J., and W. D. Purtymun**
- 1976 Seismicity of the Los Alamos Area Based on Geologic Data. Los Alamos Scientific Laboratory Report LA-7278-MS. Los Alamos National Laboratory, Los Alamos.
- Burton, B. W.**
- 1982 Geologic Evolution of the Jemez Mountains and Their Potential for Future Volcanic Activity. Los Alamos National Laboratory Report LA-8795-GEOL. Los Alamos National Laboratory, Los Alamos.
- Caprio, Anthony C., Christopher M. Baisan, Peter M. Brown, and Thomas W. Swetnam**
- 1988 Fire Scar Dates from Bandelier National Monument, New Mexico. Final report. University of Arizona, Tucson. Submitted to Bandelier National Monument, Contract No. PX7120-8-0072.

Carlson, Stanley Roland

- 1988 Influence of Western Harvester Ants on Vegetation and Soils in a Semi-Arid Mountain Ecosystem. Unpublished Master's thesis, Department of Biology, New Mexico State University, Las Cruces.

Carter, J. A.

- 1991 Reconstructing 1150 Years of Climatic Change at Castor Pond, Jemez Mountains: Fossil Pollen and the Factors of Change. Ms. in possession of author, Washington State University, Pullman.

Chapin, Charles E.

- 1979 Evolution of the Rio Grande Rift: A Summary. In Rio Grande Rift: Tectonics and Magnetism, edited by Robert E. Riecher, pp. 1-5. American Geophysical Union, Washington, D.C.

Christensen, Paul K.

- 1980 BaseFlow Sources in the Upper Reaches of Rito de los Frijoles, Bandelier National Monument. Water Resources Report No. 80-5. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Collins, E. W.

- 1982 First Year Survival Report, Water Canyon Reforestation Project. Ms. on file, Los Alamos National Laboratory, Los Alamos.

Conley, Walt, Robert Sivinski, and G. White

- 1979 Responses of Elk (*Cervus elephus*) and Mule Deer (*Odocoileus hemionus*) to Wildfire: Changes in

Utilization and Migration Patterns. Final report. New Mexico State University, Las Cruces. Submitted to National Park Service, Contract No. CX7029-7-0057, Santa Fe.

Conover, C. S., C. V. Theis, and R. L. Griggs

- 1963 Geology and Hydrology of Valle Grande and Valle Toledo, Sandoval County, New Mexico. U.S. Geological Survey Water Supply Paper 1916-Y. Washington, D.C.

Cooperider, C. K., and B. A. Hendricks

- 1937 Soil Erosion and Stream Flow on Range and Forest Lands of the Upper Rio Grande Watershed in Relation to Land Resources and Human Welfare. USDA Technical Bulletin No. 567. Government Printing Office, Washington, D.C.

Craig, C.

- 1985 The Rio Grande Floods Bandelier National Monument: A Case Study in Water Management. Ms. on file, Bandelier National Monument.

Crow, Howard G. II

- 1977 Environmental Perception in Bandelier National Monument, New Mexico. Unpublished Master's thesis, Department of Geology, University of New Mexico, Albuquerque.

Cully, Anne

- 1977 Paleoclimatic Variability in the North-Middle Rio Grande, New Mexico. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional

- Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 97-101. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1986 An Integrated Vegetation-Type Map Based on Two Earlier Maps, Bandelier National Monument, N.M. Ms. on file, Bandelier National Monument.
- Cushman, R. L.**
- 1965 An Evaluation of the Aquifer and Well Characteristics of the Municipal Well Fields in the Los Alamos and Guaje Canyons near Los Alamos, New Mexico. U.S. Geological Survey Water Supply Paper 1809-D. Washington, D.C.
- Dean, J. S., and W. J. Robinson**
- 1977 Dendroclimatic Variability in the American Southwest: A.D. 680 to 1970. Ms. on file, Laboratory of Tree-Ring Research, University of Arizona, Tucson.
- 1978 Expanded Tree-Ring Chronologies for the Southwestern United States. Chronology, Series III. Laboratory of Tree-Ring Research, University of Arizona, Tucson.
- deBuys, William**
- 1985 Enchantment and Exploration: The Life and Hard Times of a New Mexico Mountain Ranger. University of New Mexico Press, Albuquerque.
- Degenhardt, William G.**
- 1974 Survey of Amphibians and Reptiles in Bandelier National Monument. In Transactions of the Southwest Region National Science Conference, coordinated by Roland H. Wauer and Milford R. Fletcher, pp. 86-87. National Park Service, Santa Fe.
- 1975 Final Report to the National Park Service--Herpetofaunal Survey of Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- Dick-Peddie, W. A., J. K. Meents, and R. Spellenberg**
- 1984 Vegetation Resource Analysis for the Velarde Ditch Project, Rio Arriba and Santa Fe Counties, NM. Final report. Submitted to Bureau of Reclamation, Contract No. 4-CS-56-02400, Amarillo.
- Division of Natural Sciences, Southwest Region**
- 1976 Resources Management Plan for Bandelier National Monument. National Park Service, Santa Fe.
- Doell, R. R., G. B. Dalrymple, R. L. Smith, and R. A. Bailey**
- 1969 Paleomagnetism, Potassium-Argon Ages, and Geology of the Rhyoliths and Associated Rocks of the Valles Caldera, New Mexico. Geological Society of America Memorandum 116. Washington, D.C.
- Drager, Dwight L.**
- n.d. Edible Wild Plants of New Mexico and Their Relationship to Zones of Native Vegetation. Ms. on file, Department of Anthropology, University of New Mexico, Albuquerque.

Drager, Dwight L., and Richard W. Loose

- 1977 An Ecological Stratification of the Southern Pajarito Plateau. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 31-38. Office of Contract Archeology, University of New Mexico, Albuquerque.

Earth Environmental Consultants, Inc.

- 1974 Survey of Range and Ecological Conditions on a Southern Part of Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1978 Soil Survey of the Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Eberhardt, L. E., and G. C. White

- 1979 Movements of Mule Deer on the Los Alamos National Environmental Research Park. Los Alamos Scientific Laboratory Report LA-7742. Los Alamos National Laboratory, Los Alamos.

Ellis, S. R.

- 1991 Water Fact Sheet, National Water-Quality Assessment Program--The Rio Grande Valley. U.S. Geological Survey Open File Report No. 91-160. Albuquerque.

Elson, J. W., and R. Fletcher

- 1989 Meadows: Current and Potential on

the Jemez Mountains. Ms. in possession of authors.

Emmanual, R. J.

- 1950 The Geology and Geomorphology of the White Rock Canyon Area, New Mexico. Unpublished Master's thesis, Department of Geology, University of New Mexico, Albuquerque.

Environmental Surveillance Group

- 1987 Environmental Surveillance at Los Alamos During 1986. Los Alamos National Laboratory Report LA-10992-ENV. Los Alamos National Laboratory, Los Alamos.
- 1990 Environmental Surveillance at Los Alamos During 1989. Los Alamos National Laboratory Report LA-12000-ENV UC-702 and UC-707. Los Alamos National Laboratory, Los Alamos.
- 1992 Environmental Surveillance at Los Alamos During 1990. Los Alamos National Laboratory Report LA-12271-MS. Los Alamos National Laboratory, Los Alamos.

Euler, R. C., G. J. Gumerman, T. N. V. Karlstrom, J. S. Dean, and R. H. Hevly

- 1979 The Colorado Plateau: Cultural Dynamics and Paleoenvironment. Science 295:1089-1101.

Ferenbaugh, Roger

- 1985 Pinyon Pine Sulfur-Dioxide Study.

- Ms. on file, Bandelier National Monument. Southwest Region, National Park Service, Santa Fe.
- Fitzsimmons, J. P.**
- 1975 National Natural Landmark Brief--Valles Caldera. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.
- Flavill, P., and W. G. Whitford**
- 1979 Stream Ecology Inventory for the Proposed Baca Geothermal Project: Biota of Redondo Creek. Report on file, Public Service Company of New Mexico, Albuquerque.
- Fleisher, R.**
- 1978 Reptiles and Amphibians of Bandelier National Monument. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.
- Fletcher, Milford R.**
- 1976 DDT Monitoring at Bandelier National Monument. Ms. on file, Bandelier National Monument.
- Fletcher, Milford R., and Roland H. Wauer**
- 1975 Feral Burro Management at Bandelier National Monument, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- Forester, Don**
- 1976 Downed Woody Materials Inventory for Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- Foxx, Teralene S.**
- 1977 Botanical Study, Archeological Salvage Project 1975 Season, Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1979 A Walk Through the Ruins Area (Tyuonyi) Looking at Plants. Tape on file, Bandelier National Monument.
- 1982 Reduction of Standing Fuels in a Douglas Fir-Ponderosa Pine Stand near Boundary Peak with Use of Controlled Fire. Submitted to Bandelier National Monument, Contract No. 702-0007-N2500.
- 1983a Germinant Reforestation of Ponderosa Pine at Bandelier National Monument. Final report. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1983b Plants of the Falls Trail and Ruins Area, Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1984 (compiler) La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.
- 1992 Biological Assessment for Environmental Restoration Program, Operable Unit 1122, TA-33. Ms. on file, Los Alamos National Laboratory, Los Alamos.

Foxx, Teralene S., and Loren D. Potter

- 1978 Fire Ecology at Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1984 Fire Ecology at Bandelier National Monument. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 11-37. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.

Foxx, Teralene S., and Gail D. Tierney

- 1980 Status of the Flora of Los Alamos National Environmental Research Park (NERP). LA-8050-NERP, Vol. 1. U.S. Department of Energy, Washington, D.C.
- 1982 Vegetational Analysis of a Canyon Ecosystem at Los Alamos. Los Alamos National Laboratory Report LA-9576-MS. Los Alamos National Laboratory, Los Alamos.
- 1985 Status of the Flora of the Los Alamos National Environmental Research Park: A Historical Perspective. Los Alamos National Laboratory Report LA-8050-NERP, Vol. 2. Los Alamos National Laboratory, Los Alamos.

Foxx, Teralene S., Gail D. Tierney, and J. M. Williams

- 1984a Rooting Depth of Plants on Low

Level Waste Disposal Sites. Los Alamos National Laboratory Report LA-10253-MS. Los Alamos National Laboratory, Los Alamos.

- 1984b Rooting Depth of Plants Relative to Biological and Environmental Factors. Los Alamos National Laboratory Report LA-10254-MS. Los Alamos National Laboratory, Los Alamos.

Freeman, C. E.

- 1978 Effects of the La Mesa Fire on Total Nitrogen Content of Forest Soils in Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1984 The Effect of La Mesa Fire on Total Soil Nitrogen in Bandelier National Monument, New Mexico. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 91-96. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.

Fulton, James

- 1935 Bandelier Flora List. Southwestern Monuments Monthly Report, September Supplement, pp. 233-235. Coolidge.

Galusha, Ted, and John C. Blick

- 1971 Stratigraphy of the Santa Fe Group, New Mexico. American Museum of Natural History, Bulletin 144:1-128.

Gehlback, F. R., and R. R. Miller

- 1961 Fishes from Archaeological Sites in Northern New Mexico. Southwest Naturalist 6(1):2-8.

Gleason, H. A.

- 1926 The Individualistic Concept of the Plant Association. Bulletin of the Torrey Botanical Club 53:7-26.

Goff, F. E., and S. L. Bolivar

- 1983 Field Trip Guide to the Valles Caldera and Its Geothermal System. Los Alamos National Laboratory Report LA-9963-OBES UC-66a. Los Alamos National Laboratory, Los Alamos.

Golombek, Matthew P.

- 1982 Structural History of Pajarito Fault Zone in the Española Basin, Rio Grande Rift, New Mexico. New Mexico Geology, August, pp. 39-42. New Mexico Bureau of Mines and Mineral Resources, Socorro.

Gonzales, G. J.

- 1984 The Potential Effects of Hydrogen Sulfide Gas from Geothermal Energy Conversion on Two Plant Species Native to Northern New Mexico. New Mexico Highlands University, Las Vegas. Submitted to Bandelier National Monument.

Gonzales, G. J., R. E. Francis, and P. R. Fresquez

- 1990 The Complexity of Multiple Goal Resource Management at U.S. National Parks: Interpretations of Disturbed Fragile Pinyon-Juniper Ecosystems at

Bandelier National Monument. Ms. in possession of authors, New Mexico Highlands University, Las Vegas.

Gosz, James R., and Graham A. Mark

- 1974 Reproductive Status of Alligator Juniper in Bandelier National Monument, New Mexico. Report on file, Southwest Regional Office, National Park Service, Santa Fe.

Green, Katherine A.

- 1979 Descriptive Models for Bandelier and Capulin Mountain: Feasibility and Utility. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Griggs, R. L., and J. D. Hem

- 1964 Geology and Ground-water Resources of the Los Alamos Area, New Mexico. U.S. Geological Survey Water Supply Paper No. 1753. Washington, D.C.

Grunign, Randall, D. T. Hodder, C. W. Whittaker, and P. J. O'Callaghan

- 1980 Evaluation of Potential Bighorn Sheep Release Sites in the Santa Fe National Forest, NM. Final report. Submitted to Santa Fe National Forest, Contract No. 53-8371-92582, Santa Fe.

Guthrie, Daniel A.

- 1976 Ecological Assessment of the Lower Canyon--Bandelier National Monument (and Assessment of the Effects of Filling Cochiti Reservoir on the Wildlife of Bandelier National Monument). Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

44 PAJARITO BIBLIOGRAPHY

- 1977 Impact of Feral Burros on Small Mammal Populations within Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1978a Interim Report to the National Park Service: Mammal Survey of Bandelier National Monument. Report of the Joint Sciences Department, Claremont College. Submitted to Bandelier National Monument, Contract Nos. PX7029-6-01132 and PX7029-7-0399.
- 1978b Small Mammal Studies and Evaluation of the Status of the Jemez Mountains Salamander in Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1979 Status of the Jemez Mountains Salamander (Plethodon neomexicanus) within Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1984 Effects of Fire on Small Mammals within Bandelier National Monument. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 115-134. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.
- Guthrie, Daniel A., and Nancy Large**
- 1980 Mammals of Bandelier National Monument, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- Hakonson, T. E., J. L. Martinez, and G. C. White**
- 1982 Disturbance of a Low Level Waste Burial Site Cover by Pocket Gophers. Health Physics 46(6):868-871.
- Hebard, Morgan**
- 1936 Orthoptera of the Upper Rio Grande Valley and the Adjacent Mountains of New Mexico. National Academy of Science, Proceedings 87:45-82. Philadelphia.
- Heiken, Grant**
- 1980 Volcanoes: Bandelier's Turbulent Geologic Past. Exploration 2-5. Annual Bulletin of the School of American Research, Santa Fe.
- Hessburg, P. F., and J. S. Beatty**
- 1986 Incidence, Severity, and Growth Losses Associated with Ponderosa Pine Dwarf Mistletoe on the Santa Fe National Forest, New Mexico. USDA Forest Service, Forest Pest Management Report 3420-R-3-86-6. Albuquerque.
- Hessing, Pauline**
- 1976 Small Mammal Trapping in Upper Frijoles Canyon. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Hink, V. C., and R. D. Ohmart

- 1984 Middle Rio Grande Biological Survey. Final report. Submitted to U.S. Army Corps of Engineers, Contract No. DAC W47-81-C-0015. Albuquerque.

Housley, Lucille Kempers

- 1974 Opuntia imbricata Distribution in Old Jemez Indian Habitation Sites. Unpublished Master's thesis, Department of Botany, Claremont Graduate School, Claremont.

Huntington, Ellsworth

- 1914 Climatic Changes and Population in the Frijoles Canyon Region. Carnegie Institution of Washington Publication 192:83-84.

Izett, G. A., J. D. Obradovich, C. W. Naeser, and G. T. Cebula

- 1981 Potassium-Argon and Fission-Trace Zircon Ages of Cerro Toledo Rhyolite Tephra in the Jemez Mountains, New Mexico. U.S. Geological Survey Professional Paper 1199-D. Washington, D.C.

Jackson, Betty

- 1935-36 Birds of the Bandelier Area. Southwestern Monuments Monthly Report, Supplements for Sept. 1935, p. 235; Oct. 1935, pp. 296-297; Dec. 1935, p. 462a; Jan. 1936, pp. 74-75; Feb. 1936, pp. 130-131; April 1936, p. 322; and June 1936, p. 478. Coolidge.

Jacobi, Gerald Z.

- 1988 Benthic Macroinvertebrates of the Upper Rito de los Frijoles, Bandelier

National Monument. Final report. Submitted to Bandelier National Monument, Contract No. DX7120-7-0225.

Jacobs, B. F.

- 1989a A Flora of Bandelier National Monument. Final report. Submitted to Bandelier National Monument, Contract No. PX7029-8-0404.
- 1989b Historical Review of the Bandelier National Monument Herbarium. Final report. Submitted to Bandelier National Monument, Contract No. PX7120-8-0157.

Jacobs, B. F., and E. P. Jacobs

- 1988 A Flora of Bandelier National Monument, Part I. Ms. on file, Bandelier National Monument.

Jarmie, Nelson, and Fran Rogers

- 1992 Los Alamos/Bandelier Fungi Registry. Draft manuscript submitted to Bandelier National Monument.

Johnson, J. A.

- 1986 Spotted Owl Calling Surveys in Northern New Mexico. Submitted to New Mexico Department of Game and Fish, Santa Fe.
- 1989 Jemez Mountains Spotted Owl Survey and Habitat Evaluation. Ms. on file, Santa Fe National Forest, Santa Fe.

Johnson, J. A., and T. H. Johnson

- 1985 The Status of the Spotted Owl in Northern New Mexico. Submitted to New Mexico Department of Game and Fish, Santa Fe.

- 1988a Spotted Owl Habitat Survey of Upper Frijoles Canyon. Ms. on file, Bandelier National Monument.
- 1988b Timber Type Model of Spotted Owl Habitat in Northern New Mexico. Ms. on file, New Mexico Department of Game and Fish, Santa Fe.
- Johnson, Terrell H.**
- 1979 Bald Eagle Winter Habitat Study, 1978-1979: Bandelier National Monument, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1980 A Study of Bald Eagles Wintering near Cochiti Reservoir: 1980 Population and Diet: Disturbed Habitat and Eagles. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1981 The Status of the Bald Eagle near Cochiti Reservoir--1981. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1982 The Status of the Bald Eagle near Cochiti Reservoir--1982. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1983a The Bald Eagle near Cochiti Reservoir--1983. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1983b Breeding Bird Surveys at Bandelier--1983. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1983c Essential Peregrine Breeding Habitat in Bandelier. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1983d Falco peregrinus in Northern New Mexico--1983. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1984 The Bald Eagle near Cochiti Reservoir--1984. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1985 The Bald Eagle near Cochiti Reservoir--1985. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1986a Effects of Reservoir Habitat Change on Wintering Bald Eagles at Cochiti Lake, Northern New Mexico. Ms. on file, National Park Service, Santa Fe.
- 1986b Responses of Breeding Peregrine Falcons to Human Stimuli. Submitted to USDA Forest Service, Santa Fe.
- 1987 Proposals for a Revised Fish and Wildlife Management Plan for Cochiti Lake. Ms. on file, Bandelier National Monument.
- 1988a Effects of Reservoir Habitat Changes on Wintering Bald Eagles at Cochiti Reservoir, Northern New Mexico. In Proceedings of the Southwest Raptor Management Symposium and Workshop, edited by R. L. Ginski, B. J. Pendleton, M. B. Moss, M. N. LeFranc, Jr., B. A. Millsap, and S. W. Hoffman, with C. E. Reibal, D. L. Krahe, and D. L. Owens, assistant editors, pp. 182-187. Institute for Wildlife Research, National Wildlife

- Federation Scientific and Technical Series No. 11. National Wildlife Federation, Washington, D.C.
- 1988b The Bald Eagle near Cochiti Reservoir--1986-1988. Submitted to U.S. Army Corps of Engineers, Albuquerque District, Albuquerque.
- 1988c Turnover and Movement of Nesting New Mexico Peregrine Falcons Identified by Plumage. In Proceedings of the Southwest Raptor Management Symposium and Workshop, edited by R. L. Glinski, B. J. Pendleton, M. B. Moss, M. N. LeFranc, Jr., B. A. Millsap, and S. W. Hoffman, with C. E. Reibal, D. L. Krahe, and D. L. Owens, assistant editors, pp. 153-156. Institute for Wildlife Research, National Wildlife Federation Scientific and Technical Series No. 11. National Wildlife Federation, Washington, D.C.
- 1990a Bald Eagle Population near Cochiti Reservoir, 1989-90. Ms. on file, Bandelier National Monument.
- 1990b Territorial Requirements for Peregrine Falcon Recovery in New Mexico. Submitted to U.S. Fish and Wildlife Service, Albuquerque.
- 1991 1991 Spotted Owl Calling at Bandelier. Ms. on file, Bandelier National Monument.
- 1992 Bald Eagle Populations near Cochiti Reservoir. Ms. on file, Bandelier National Monument.
- Johnson, Terrell H., and J. A. Johnson**
- 1990 Status of the Spotted Owl in the Jemez Mountains. Submitted to New Mexico Department of Game and Fish, Santa Fe.
- 1992 Status of the Spotted Owl in the Jemez Mountains--1991. Submitted to New Mexico Department of Game and Fish, Santa Fe.
- Jones, G.**
- 1979 Checklist of Common Lichen Flora, Bandelier National Monument. Ms. on file, Bandelier National Monument.
- Judson, C.**
- 1990 Bandelier Bat Study Report. Ms. on file, Bandelier National Monument.
- Kelley, Vincent C.**
- 1948 Geology and Pumice Deposits of the Pajarito Plateau, Sandoval, Santa Fe, and Rio Arriba Counties, New Mexico. University of New Mexico, Albuquerque.
- 1952 Tectonics of the Rio Grande Depression of Central New Mexico. In Guidebook of Rio Grande County--Central New Mexico, New Mexico Geological Society Guidebook, Third Field Conference, edited by Ross B. Johnson and Charles B. Read, pp. 93-105. New Mexico Geological Society, Socorro.
- 1979 Tectonics, Middle Rio Grande Rift, New Mexico. In Rio Grande Rift: Tectonics and Magnetism, edited by Robert E. Reicker, pp. 57-90. American Geophysical Union, Washington, D.C.
- Kennedy, Patricia Lynn**
- 1985 The Nesting Ecology of Cooper's Hawks and Northern Goshawks in the Jemez Mountains, New Mexico--1984

Results. Submitted to New Mexico Department of Game and Fish, Santa Fe.

- 1988 Habitat Characteristics of Cooper's Hawks and Northern Goshawks Nesting in New Mexico. Proceedings of the Southwest Raptor Management Symposium and Workshop, edited by R. L. Glinski, B. G. Pendleton, M. B. Moss, M. N. LeFranc, Jr., B. A. Millsap, and S. W. Hoffman with C. E. Reibal, D. L. Krahe, and D. L. Owens, assistant editors, pp. 218-227. Institute for Wildlife Research, National Wildlife Federation Scientific and Technical Series No. 11. National Wildlife Federation, Washington, D.C.

Kennedy, P. L., and D. Crowe

- 1992 Nesting Ecology of the Zone-Tailed Hawk (*Buteo albonotatus*) in the Jemez Mountains, New Mexico: Final Report. Submitted to the New Mexico Department of Game and Fish, Contract No. 79-516.6-03, Santa Fe.

Koehler, David A.

- 1974 The Ecological Impact of Feral Burros on Bandelier National Monument. Unpublished Master's thesis, Department of Biology, University of New Mexico, Albuquerque.

Lajtha, K.

- 1988 Resource-use Efficiency and Ecosystem Function in Pinyon-Juniper Communities along an Elevation Gradient in Northern New Mexico. Proposal on file, Bandelier National Monument.

Langley, David

- 1985 Summary of Harvester Ant Colonies on Lower Pajarito Plateau, Bandelier

National Monument. Ms. on file, Bandelier National Monument.

Levine, A. H., and G. Valentine

- 1991 The Control of Paleotopography on Flow and Emplacement of the Upper Bandelier Tuff, New Mexico. Ph.D. dissertation proposal, Department of Geology, Arizona State University, Tempe, on file at Bandelier National Monument.

Lissoway, John D.

- 1986 A Fire Management Plan and Environmental Assessment for Bandelier National Monument, New Mexico. Report on file, Southwest Regional Office, National Park Service, Santa Fe.

- 1992 A Fire Management Plan and Environmental Assessment for Bandelier National Monument, New Mexico. Report on file, Southwest Regional Office, National Park Service, Santa Fe.

- n.d. A Sequence of Events--Burros at Bandelier. Ms. on file, Bandelier National Monument.

Mackay, W., D. Lowrie, A. Fisher, E. Mackay, F. Barnes, and D. Lowrie

- 1988 The Ants of Los Alamos County, New Mexico (*Hymenoptera: Formicidae*). Chapter 8 in Advances in Myrmecology, edited by James C. Trager, pp. 79-131. E. J. Brill, New York.

Maker, H. J., J. J. Folks, and J. U. Anderson

- 1971 Soil Associations and Land Classification for Irrigation, Santa Fe County.

Agricultural Experiment Station, Research Report No. 185. New Mexico State University, Las Cruces.

Maker, H. J., J. J. Folks, J. U. Anderson, and W. B. Gallman

- 1971 Soil Associations and Land Classification for Irrigation, Sandoval and Los Alamos Counties. Agricultural Experiment Station, Research Report No. 188. New Mexico State University, Las Cruces.

Marchiando, Patricia J.

- 1977 Faunal Resources in the Cochiti Study Area. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 69-78. Office of Contract Archeology, University of New Mexico, Albuquerque.

Mark, Graham A.

- 1974 Reproductive Status of Alligator Juniper in Bandelier National Monument. Unpublished Master's thesis, Department of Biology, University of New Mexico, Albuquerque.

Mauer, Susan, and Daniel A. Guthrie

- 1984 The Effects of Clearing Fire-Killed Trees on Wildlife. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 135-144. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.

McCord, V. A. S.

- 1991 Collection of Flood-Scarred Trees in Frijoles Canyon, Bandelier National Monument, for the Reconstruction of Past Discharge Magnitudes. Letter

from Laboratory of Tree-Ring Research, University of Arizona, Tucson, to Bandelier National Monument.

McDougall, W. B.

- 1938 Beaver Habitat at Bandelier. Southwestern Monuments Monthly Report, October Supplement, pp. 351-352. Coolidge.

- 1940 Special Report on Bandelier National Monument. Southwestern Monuments Monthly Report, November Supplement, pp. 332-335. Coolidge.

Meadows, S. D., and J. Salazar

- 1981 An Investigation of Radionucleotide Concentrations in Tissues of Elk Utilizing LANL Land. Health Physics 3(4):595-598.

Mills, C., J. Winterkamp, and N. Marusak (compilers)

- 1989 Geosciences Bibliography of the Valles Caldera--A CSDP Information Base. Los Alamos National Laboratory Report LA-UR-84-3148, Revision 4. Los Alamos National Laboratory, Los Alamos.

Moir, W. H., and J. A. Ludwig

- 1979 A Classification of Spruce-fir and Mixed Conifer Habitat Types of Arizona and New Mexico. USDA Forest Service Research Paper RM-2-07. Rocky Mountain Forest Range Experimental Station, Fort Collins.

Morgart, John R.

- 1978a Biology of Feral Burros on the Santa Fe National Forest, New Mexico. Ms. on file, Natural Resources Division,

- Southwest Region, National Park Service, Santa Fe.
- 1978b Burro Behavior and Population Dynamics, Bandelier National Monument, New Mexico. Unpublished Master's thesis, Department of Biology, Arizona State University, Tempe.

Morgart, John R., and Robert D. Ohmart

- 1976 Observations on the Biology of Burros (*Equus asinus*) on Bandelier National Monument, New Mexico (May 1975--May 1976). Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Morrison, Joan L.

- 1990 Small Mammal Prey Species in the Mexican Spotted Owl (*Strix occidentalis lucida*) Habitat on the Santa Fe National Forest, New Mexico. Submitted to U.S. National Forest, Contract No. 40-8371-9-0812, Albuquerque.

NOAA Environmental Data Service

- 1976 Climatography of the U.S., No. 20, Climate of Los Alamos. National Climatic Center, Ashville, NC.

Nyhan, J. W., L. W. Hacker, T. E. Calhoun, J. O. Carleton, Jr., and D. L. Young

- 1978 Soil Survey of Los Alamos County, New Mexico. Los Alamos Scientific Laboratory Report LA-6779. Los Alamos National Laboratory, Los Alamos.

Ohmart, Robert D., and Edward Bicknell

- 1975 Biological Report on a Burro Collection in the Bandelier National Monu-

ment, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Ohmart, Robert D., and Valerie Hink

- 1984 Middle Rio Grande Biological Survey. Final report. Submitted to U.S. Army Corps of Engineers, Contract No. DACW 4781-C-0015, Albuquerque.

Olinger, Bart

- 1972 The Geological Features of the Lower Portion of the Canyon de los Frijoles. VIP report on file, Bandelier National Monument.

Oppenheimer, Steven J.

- 1979 Patterns of Early Revegetation in Post-Fire Ponderosa Pine Forest. Unpublished Master's thesis, Department of Biology, New Mexico Highlands University, Las Vegas.

Osborn, Neal L.

- 1966 A Comparative Floristic Study of Mount Taylor and Redondo Peak, New Mexico. Unpublished Ph.D. dissertation, Department of Biology, University of New Mexico, Albuquerque.

Painter, C.

- 1986 Museum Holdings of *Plethodon neomexicanus*. Memorandum on file, New Mexico Department of Game and Fish, Santa Fe.

Patraw, Pauline

- n.d. Plant Communities at Bandelier National Monument. Ms. on file, Bandelier National Monument.

Patton, E. F.

- 1978a Downed Woody Fuel Inventory Data Sheets and Map. Ms. and map on file, Bandelier National Monument.
- 1978b Visitor Impact Vegetation Study. Ms. on file, Bandelier National Monument.

Perkins, B., and G. L. DePoorter

- 1985 Plants and Their Relationship to Soil Moisture and Tracer Movement. Los Alamos National Laboratory Report LA-10216-MS. Los Alamos National Laboratory, Los Alamos.

Petersen, K. L.

- 1988 Climate and the Dolores River Anasazi: A Paleoenvironmental Reconstruction from a 10,000-Year Pollen Record, La Plata Mountains, Southwestern Colorado. Anthropological Papers No. 13. University of Utah, Salt Lake City.

Pilz, W. R., D. G. Sabo, and W. L. Wagner

- 1979 Biotic Inventory for the Proposed Baca Geothermal Project. Ms. on file, Bandelier National Monument.

Pippin, Warren F.

- 1977 Preliminary Check List, Arthropods of Bandelier National Monument, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Pippin, Warren F., and Barry Nichols

- 1977 Observations of Arthropod Populations Following the Bandelier National Monument Fire of 1977. Ms. on file,

Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Pippin, Warren F., and Belle D. Pippin

- 1980 Aquatic Invertebrates on Rito de los Frijoles, Bandelier National Monument, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1981 Aquatic Invertebrates from Capulin Creek, Bandelier National Monument, New Mexico. Final report. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1984a Aquatic Invertebrates from Capulin Creek, Bandelier National Monument, New Mexico. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 107-113. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.
- 1984b Arthropods Collected in Bandelier National Monument, New Mexico. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.
- Platania, S. P.**
- 1991 Fish Collections from White Rock Canyon, Summer 1990. Ms. on file, Department of Biology, University of New Mexico, Albuquerque.
- 1992 Fishes of Bandelier National Monument. Ms. on file, Bandelier National Monument.

Potter, Loren D.

- 1981 Plant Ecology of Shoreline Zone of Rio Grande-Cochiti Lake, Bandelier National Monument. Final report. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1985 Re-evaluation Studies of Grazing Enclosure Plots, Bandelier National Monument. Ms. on file, Bandelier National Monument.

Potter, Loren D., and Scott Berger

- 1977 Deer-Burro Utilization and Competition Study, Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Potter, Loren D., and Teralene S. Foxx

- 1979a Recovery and Delayed Mortality of Ponderosa Pine after Wildfire. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1979b Success of Seeding Native Grasses after a Holocaustic Fire. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1979c Vegetational Studies at Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.
- 1981 Vegetational Mapping and Fire History of Cerro Grande Accession, Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

- 1984 Postfire Recovery and Mortality of the Ponderosa Pine Forest after the La Mesa Fire. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 39-55. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.

- 1986 Reassessment of Vegetation Recovery Eight Years after the La Mesa Fire, Bandelier. Ms. on file, Bandelier National Monument.

Potter, Loren D., Teralene S. Foxx, and Fairley J. Barnes

- 1982 Natural Regeneration of Ponderosa Pine as Related to Land Use and Fire History on the Pajarito Plateau. Los Alamos National Laboratory Report LA-9293-NERP UC-11. Los Alamos National Laboratory, Los Alamos.

Potter, Loren D., and R. Tierney

- 1985 Permanent Line Transects and Clip Plots, Cerro Grande Accession, Bandelier National Monument. Part I. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.

Public Service Company of New Mexico

- 1979 Environmental Analysis of the Proposed Four Corners-Ambrosia, Pajarito 500 KV Transmission Project. Public Service Company of New Mexico, Albuquerque.

Purtymun, William D.

- 1974 Dispersion and Movement of Tritium in a Shallow Aquifer in Mortandad

- Canyon at the Los Alamos Scientific Laboratory. Los Alamos Scientific Laboratory Report LA-5716-MS. Los Alamos National Laboratory, Los Alamos.
- 1976 Water Supply at Los Alamos During 1975. Los Alamos Scientific Laboratory Report LA-6461. Los Alamos National Laboratory, Los Alamos.
- 1984 Chemical Quality of Surface Water in Bandelier National Monument. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 103-106. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.
- Purtymun, William D., and Howard Adams**
- 1980 Geohydrology of Bandelier National Monument, New Mexico. Los Alamos National Laboratory Report LA-8461-MS. Los Alamos National Laboratory, Los Alamos.
- Purtymun, William D., and J. B. Cooper**
- 1969 Development of Ground Water Supplies on the Pajarito Plateau, Los Alamos County, New Mexico. U.S. Geological Survey Professional Paper 650-B. Washington, D.C.
- Purtymun, William D., and S. Johansen**
- 1974 General Geohydrology of the Pajarito Plateau. In Central "Northern New Mexico." New Mexico Geological Society, Silver Anniversary Guidebook, edited by Charles T. Siemers, with Lee A. Woodward, and Jonathan F. Calendar, pp. 347-350. New Mexico Geological Society, Socorro.
- Purtymun, William D., and William R. Kennedy**
- 1971 Geology and Hydrology of Mesita del Buey. Los Alamos National Laboratory Report LA-4660. Los Alamos National Laboratory, Los Alamos.
- Purtymun, William D., R. J. Peters, and J. W. Jones**
- 1980 Geohydrology of White Rock Canyon of the Rio Grande from Otowi to Frijoles Canyon. Los Alamos Scientific Laboratory Report LA-8635-MS. Los Alamos National Laboratory, Los Alamos.
- Ramotnik, C. A.**
- 1985 Effects of Forest-Management Practices on the Endemic Jemez Mountains Salamander, *Plethodon neomexicanus*. Final report. Submitted to USDA Forest Service, Contract No. 438379-4-591, Santa Fe National Forest, Santa Fe.
- 1986a Report on the Distribution and Ecological Requirements of Endemic Salamanders in Relation to Forestry Management. Part II: Santa Fe National Forest. Ms. on file, U.S. Fish and Wildlife Service, Albuquerque; Museum of Southwestern Biology, University of New Mexico; and National Ecology Center, Albuquerque.
- 1986b Status Report: *Plethodon neomexicanus* (Jemez Mountains Salamander). Ms. on file, U.S. Fish and Wildlife Service, Office of Endangered Species, Albuquerque.
- Raymer, Delia F.**
- 1992 Biological Assessment for Environmen-

54 PAJARITO BIBLIOGRAPHY

tal Restoration Program, Operable Unit 1144, TA-49. Ms. on file, Los Alamos National Laboratory, Los Alamos.

Reneau, S. L.

- 1991 Report on Geologic Studies in Bandelier National Monument. Los Alamos National Laboratory Report EES-IMS-D462. Los Alamos National Laboratory, Los Alamos.

Ribe, Thomas E.

- 1980a Ecology of Harvester Ants. Ms. on file, Bandelier National Monument.
- 1980b The Merriam's Turkey in Bandelier National Monument. Report on file, Bandelier National Monument.
- 1990 U.S. Forest Service Logging Programs near Bandelier National Monument, New Mexico: A Legal Study. Unpublished Master's thesis, Interdisciplinary Studies Program, University of Oregon, Eugene.

Robertson, Charles W.

- 1968 A Study of the Flora of the Cochiti and Bland Canyons of the Jemez Mountains. Unpublished Master's thesis, Department of Biology, University of New Mexico, Albuquerque.

Robinson, William J.

- 1990 Tree-Ring Samples and Dated Fire Scars on Eight Trees from the La Mesa Fire Area. Appendix A in The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 142-146. South

west Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Rose, Judy A.

- 1976 Visitor Impact Vegetation Studies, Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Rose, M. R., J. S. Dean, and W. J. Robinson

- 1981 The Past Climate of Arroyo Hondo as Reconstructed from Tree Rings. School of American Research Press, Santa Fe.

Ross, C. S., R. L. Smith, and R. A. Bailey

- 1961 Outline of the Geology of the Jemez Mountains, New Mexico. In New Mexico Geological Society Guidebook, 12th Field Conference, edited by Stuart A. Northrop, pp. 139-143. New Mexico Geological Society, Socorro.

Rothman, Hal K.

- 1992 On Rims and Ridges: The Los Alamos Area Since 1880. University of Nebraska, Lincoln.

Rowland, Mary M.

- 1983 A Fire for Winter Elk. New Mexico Wildlife 28(6):2-5.

Rowland, M. M., A. W. Alldredge, J. E. Ellis, B. J. Weber, and G. C. White

- 1983 Comparative Winter Diets of Elk in New Mexico. Journal of Wildlife Management 47(4):924-932.

Rowland, M. M., C. C. White, and E. M. Karlen

1984 Use of Pellet Group Plots to Measure Trends in Deer and Elk Populations. Wildlife Society Bulletin 12:147-155.

Salazar, R.

1983 Grass Species Collected at Bandelier National Monument During the Summer of 1983. Ms. on file, Bandelier National Monument.

Sanford, A. R., A. J. Budding, J. P. Hoffman, O. S. Alptekin, C. A. Rush, and T. R. Tappozada

1972 Seismicity of the Rio Grande Rift in New Mexico. Circular 120. New Mexico Bureau of Mines and Mineral Research, Socorro.

Seth, McWilliams, and Seymour

1982 Tenth Circuit Court Ruling on the Feral Burro Issue at Bandelier National Monument. Unpublished letter on file, Bandelier National Monument.

Siemens, Charles T. (editor), with Lee A. Woodward and Jonathan F. Calendar (associate editors)

1974 Central "Northern New Mexico." New Mexico Geological Society, 25th Field Conference, Silver Anniversary Guidebook. New Mexico Geological Society, Socorro.

Simpson, E. J.

1976 Burro Enclosure Area Vegetative Analysis. Submitted to Southwest Region, National Park Service, Santa Fe.

Sivinski, Robert C.

1978 Report on Responses of Elk (Cervus elaphus) and Mule Deer (Odocoileus hemionus) to Wildfire: Changes in Utilization and Migration Patterns. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

1979 Bandelier Pellet Plot Analysis for Summer 1979. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Smith, R. L., R. A. Bailey, and C. S. Ross

1961 Structural Evolution of the Valles Caldera, New Mexico, and Its Bearing on Emplacement of Ring Dikes. U.S. Geological Survey Professional Paper 424-D. Washington, D.C.

1976 Geologic Map of the Jemez Mountains, New Mexico. Miscellaneous Geological Investigations Map 1-571. U.S. Geological Survey, Denver.

Soil and Water Test Laboratory

1990 Analysis of Soils from Sites in the La Mesa Fire Area. Appendix D in The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 165-171. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Spaulding, W. G.

- 1992 Late Quaternary Paleoclimates and Sources of Paleoenvironmental Data in the Vicinity of Los Alamos National Laboratory. Final report. Dames and Moore, Las Vegas. Submitted to University of California Los Alamos National Laboratory, Los Alamos.

Stearns, T. B.

- 1981 Palynological Evidence of the Prehistoric Effective Environment. In High Altitude Adaptations along Redondo Creek: The Baca Geothermal Anthropological Project, edited by C. Baker and J. C. Winter, pp. 25-39. Office of Contract Archeology, University of New Mexico, Albuquerque.

Stephens, Ken

- 1982 Water Resources Management Plan. Draft ms. on file, Bandelier National Monument.

Tierney, Gail D.

- 1977 A Vegetative Survey of White Rock Canyon: The 5280-5400 Foot (1610-1646 Meter) Elevations. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 39-67. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1986 Possible Endangered, Threatened, and Sensitive Plants in the Los Alamos Area. Ms. on file, Los Alamos National Laboratory, Los Alamos.

Tierney, Gail D., and Teralene S. Foxx

- 1982 Floristic Composition and Plant Succession on Near-Surface Radioactive Waste Disposal Facilities in the Los Alamos National Laboratory. Los Alamos National Laboratory Report LA-9219-MS UC-70. Los Alamos National Laboratory, Los Alamos.

- 1987 Root Lengths of Plants on Los Alamos National Laboratory Lands. Los Alamos National Laboratory Report LA-10865-MS. Los Alamos National Laboratory, Los Alamos.

Tierney, Gail D., and Loren D. Potter

- 1985 Ecology of Felsenmeers in New Mexico. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.

Touchan, R., and T. W. Swetnam

- 1991a Expanded Fire History Collections in the Jemez Mountains, New Mexico. Progress Report No. 1. University of Arizona, Tucson. Submitted to USDA Forest Service, Santa Fe National Forest, and USDI National Park Service, Bandelier National Monument.
- 1991b Fire History for Northern New Mexico. University of Arizona, Tucson. Submitted to USDA Forest Service, Santa Fe National Forest, and USDI National Park Service, Bandelier National Monument.
- 1992 Fire History of the Jemez Mountains: Five Scar Chronologies from Five Locations. Final report. University of Arizona, Tucson. Report on file, Bandelier National Monument.

Travis, J. R. (compiler)

- 1992 Atlas of the Breeding Birds of Los Alamos County, New Mexico. Los Alamos National Laboratory Report LA-12206 UC-908. Los Alamos National Laboratory, Los Alamos.

Tyrell, Karen, and Virgil Brock, Jr.

- 1992 Survey for Bats in the Los Alamos National Environmental Research Park, with Special Emphasis on the Spotted Bat, Euderma maculatum. 3D/Environmental Service, Inc., Cincinnati. Submitted to Los Alamos National Laboratory, Los Alamos.

U.S. Army Corps of Engineers

- 1973a Draft Environmental Statement, Cochiti Lake, Rio Grande, New Mexico. U.S. Army Engineer District, Albuquerque.
- 1973b Environmental Statement, Preliminary Report for Cochiti Dam. U.S. Army Engineer District, Albuquerque.
- 1974 Final Environmental Statement, Cochiti Lake, Rio Grande, New Mexico. U.S. Army Engineer District, Albuquerque.

U.S. Department of Agriculture, Forest Service

- 1987 Environmental Impact Statement: Santa Fe National Forest Plan. USDA Forest Service, Southwest Regional Office, Albuquerque.
- 1992 Terrestrial Ecosystem Survey, Santa Fe National Forest. USDA Forest Service, Southwest Regional Office, Albuquerque.

U.S. Department of Agriculture, Soil Conservation Service

- 1991 Soil Survey of the Sandoval County Area: Los Alamos County and Part of Sandoval County. USDA Soil Conservation Service, Rio Rancho.

U.S. Department of Energy

- 1977 The Los Alamos National Environmental Research Park. U.S. Energy Research and Development Administration and Los Alamos Scientific Laboratory of the University of California, Los Alamos.
- 1979 Final Environmental Impact Statement: Los Alamos Scientific Laboratory Site, Los Alamos, NM. DOE/EIS 0018. NTIS, Springfield.
- 1980 Final Environmental Impact Statement: Geothermal Demonstration Program, 50 MW Power Plant, Baca Ranch, Sandoval and Rio Arriba Counties. DOE/EIS 0049. NTIS, Springfield.

U.S. Department of Interior, National Park Service

- 1977 Environmental Assessment/Review: Removal and Relocation of Residences, Bandelier National Monument, Los Alamos County, New Mexico. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.
- 1979a Amended Environmental Assessment: Feral Burro Management. Ms. on file, Bandelier National Monument and the Southwest Regional Office, National

Park Service, Santa Fe.

- 1979b Valles Caldera, New Mexico. Denver Service Center, National Park Service, Denver.

- 1992 Resources Management Plan, Bandelier National Monument. Ms. on file, Bandelier National Monument.

Wauer, Roland H.

- 1973 Feral Burro Control Program: Bandelier National Monument. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.

- 1974 Feral Burro Control Program Assessment: Bandelier National Monument. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

- 1977 A Program of Research at Bandelier National Monument—A Postscript to the La Mesa Fire. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

- 1978 Impacts of Feral Burros upon the Breeding Avifauna at Bandelier National Monument, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

- 1991 Avian Population Trends at Bandelier National Monument, New Mexico. Ms. on file, Bandelier National Monument.

Wauer, Roland H., and John G. Dennis

- 1979 Impacts of Feral Burros upon the Breeding Avifauna of a Pinyon-Juniper Woodland in Bandelier National Monument, New Mexico. Paper presented

at the Second Conference of Scientific Research in the National Park Service, San Francisco.

Wauer, Roland H., and Terrell Johnson

- 1984 La Mesa Fire Effects on Avifauna: Changes in Avian Populations and Biomass. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 145-172. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.

Weber, William A.

- 1980 Lichens as Possible Monitors of Air Pollution in Bandelier National Monument, New Mexico. Final report. Submitted to Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

Wells, Stephen G., and William White

- 1978 Geomorphic Effects of Forest Fire Devegetation, Frijoles Canyon Watershed, Bandelier National Monument, New Mexico. Ms. on file, Natural Resources Division, Southwest Region, National Park Service, Santa Fe.

White, Gary C.

- 1981 Biotelemetry Studies on Elk. Los Alamos National Laboratory Report LA-8529-NERP. Los Alamos National Laboratory, Los Alamos.

White, Gary C., and John Lissoway

- 1980 Research Plan for Elk in the Eastern Jemez Mountains. Los Alamos Na-

tional Laboratory Report LA-8079-MS UC-11. Los Alamos National Laboratory, Los Alamos.

White, J. E.

- 1971 Animals of Bandelier. Ms. on file, Bandelier National Monument.

White, William D.

- 1981 Effects of Forest-Fire Devegetation on Watershed Geomorphology in Bandelier National Monument, New Mexico. Unpublished Master's thesis, Department of Geology, University of New Mexico, Albuquerque.
- 1992 Status Report No. 1. Followup Research on Geomorphic Effects of the La Mesa Fire. Ms. on file, Bandelier National Monument.

White, William D., and Stephen G. Wells

- 1984 Geomorphic Effects of La Mesa Fire. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 73-90. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.

Whitford, W. G., and J. Ludwig

- 1974 The Biota of Redondo Creek, Redondo Peak, Redondo Border, Alamo Canyon, Valle Seco, and San Luis Creek Areas of the Baca Ranch, Sandoval County, New Mexico. Ms. on file, Geothermal Division, Union Oil Company.

Williams, J.

- 1984 Initial Monitoring of Proposed Research Natural Areas. Ms. on file, Rocky Mountain Forest Range Experimental Station, Fort Collins.

Williams, J. M.

- n.d. A Study of the Potential Health and Environmental Impact from the Development of Liquid-Dominated Geothermal Resources. Ms. on file, Los Alamos National Laboratory, Los Alamos.

Williams, Stephen R.

- 1973 Comparison of the Reproduction and Ecology of the Jemez Mountains Salamander, Plethodon neomexicanus, and the Sacramento Mountain Salamander, Aneides hardyi. Unpublished Master's thesis, Department of Biology, University of New Mexico, Albuquerque.

Witter, Dan C.

- 1975 Survey of the Vegetative Ecology of White Rock Canyon. Ms. on file, Office of Contract Archeology, University of New Mexico, Albuquerque.

Wright, George M.

- 1933 Report of Wildlife Conditions in Bandelier National Monument. Southwest Monuments Monthly Report, July Supplement, pp. S-T. Coolidge.

60 PAJARITO BIBLIOGRAPHY

Yasinski, F. M.

- 1955 Southwestern Pine Beetle Conditions,
 Bandelier National Monument. Ms. on
 file, Bandelier National Monument.

Cultural Resources References

Abbink, Emily K., and John R. Stein

- 1977 An Historical Perspective on Adaptive Systems in the Middle Rio Grande. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 151-171. Office of Contract Archeology, University of New Mexico, Albuquerque.

Acklen, John E., Gary M. Brown, Douglas G. Campbell, Amy E. Earls, Mark E. Harlan, Stephen C. Lent, Gale McPherson, and W. Nicholas Trierweiler

- 1990 Archeological Survey Results for the Ojo Line Extension Project. Archeological Report No. 7. Public Service Company of New Mexico, Albuquerque.

Allen, Joseph W.

- 1967 Excavations at Twin Hills Site, Santa Fe County, New Mexico. Preliminary Report of Excavations Conducted at LA 8866, the Twin Hills Site, Museum of New Mexico Research Project 55.05. Laboratory of Anthropology Research Note No. 44. Museum of New Mexico, Santa Fe.
- 1972 The Pueblo Alamo Project: Archaeological Salvage at the Junction of U.S.

85 and U.S. 285, South of Santa Fe, New Mexico. Laboratory of Anthropology Research Note No. 86. Museum of New Mexico, Santa Fe.

Alliot, Hector

- 1912 Fouilles de Tyuonyi, village préhistorique des Tewas, Nouvelle-Mexique. Société des américanistes de Paris, Journal 9:111-116.

- 1913 Once upon a Time. El Palacio 1(1):4.

- 1935 Once upon a Time. Southwestern Monuments Monthly Report, December Supplement, pp. 663-664. Cooledge.

Anonymous

- 1913 Work of Restoration by Archaeologists. El Palacio 1(1):8.

- 1914 Excavations at Puye Ruins Late in Fall. El Palacio 3(4):84.

- 1915 Pueblo Las Aguajes, Situated on the Mesa about 5 Miles North of La Bajada, Excavated 1915. Report No. 1915-10-1. USDA Forest Service, Santa Fe.

- 1916a Archaeological Work in the Southwest. Art and Archaeology 4:343.

- 1916b Work in the Field. El Palacio 3(4):84-86.
- 1916-17 Excavations in New Mexico. Report of the Philadelphia Museums 1916-17. Commercial Museum, Philadelphia.
- 1918 Frescoes in the Otowi. El Palacio 8(7-8):213.
- 1919 The Ethnogeography of the Tewa Indians (Review). El Palacio 6(6):92.
- 1926a Ceramic Pigments of the Indians of the Southwest. El Palacio 20(11):22-2-226.
- 1926b Summer Work of the School of American Research. El Palacio 21(2):39.
- 1937 Naumer Completes Fourteen Pastels for Frijoles Monument. El Palacio 42(22-26):134-136.
- 1939 Artifacts from San Pedro Mountain. El Palacio 46(11):271-272.
- 1964 They Found Awanyu's Gifts. The Atom 1(11):19-21. Los Alamos National Laboratory, Los Alamos.
- 1966 Special Report on Puye Ruins, New Mexico. National Park Service, Washington, D.C.
- 1977 Archaeological Studies of the Pajarito Plateau Began in the 1800's. The Atom 14:1-3. Los Alamos National Laboratory, Los Alamos.
- 1978 Prehistoric Settlements on the Pajarito Plateau. The Atom 15(1):20-23. Los Alamos National Laboratory, Los Alamos.
- 1979 Indian Pots Sealed in 15th Century. The Atom 16(6):16-18. Los Alamos National Laboratory, Los Alamos.
- Ansheutz, Kurt F.**
- 1984 An Archeological Survey of Recently Bladed Portions of Buckman Road, Santa Fe County, New Mexico. Public Service Company of New Mexico, Albuquerque.
- Arnold, Charlotte**
- 1928 Where the Mountain Lions Are Resting. El Palacio 24(17):314-317.
- Aron, Franchon, with photos by Betty Lilienthal**
- 1981 Kokopelli Petroglyphs on the Pajarito Plateau. El Palacio 87(2):13-15.
- Atwell, W. J.**
- 1933 Report on Trails Study in Bandelier National Monument, New Mexico. Ms. on file, Bandelier National Monument.
- Baker, Craig, and Joseph C. Winter (editors)**
- 1981 High Altitude Adaptations along Redondo Creek. The Baca Geothermal Project. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Bandelier, Adolph F.**
- 1883 Historical Introduction to Studies Among the Sedentary Indians of New Mexico (Part I) and Report on the Ruins of the Pueblo of Pecos (Part II). Papers of the Archaeological Institute of America, American Series I. A. Williams, Boston.
- 1890 Contributions to the History of the Southwest Portion of the United States. Papers of the Archaeological

Institute of America, American Series V. John Wilson and Sons, Cambridge.

- 1892 Final Report of Investigations Among the Indians of the Southwestern United States, Carried on Mainly in the Years from 1880 to 1885. Part II. Papers of the Archaeological Institute of America, American Series IV. John Wilson and Sons, Cambridge.

- 1910 Documentary History of the Rio Grande Pueblos of New Mexico. Paper No. 13. School of American Archaeology, Santa Fe.

- 1929 Documentary History of the Rio Grande Pueblos, New Mexico. New Mexico Historical Review 4:303-334, 5:38-66.

Bandelier, Adolph F., and Edgar L. Hewett

- 1937 Indians of the Rio Grande Valley. Handbook of Archaeology, No. 3. University of New Mexico and School of American Research, Albuquerque.

Barnes, Ethne

- 1991 Developmental Defects of the Axial Skeleton in Paleopathology, with a Focus on a Southwest Prehistoric Anasazi Population: Puye, New Mexico. Unpublished Ph.D. dissertation, Department of Anthropology, Arizona State University, Tempe.

Bauman, Gustave

- 1939 Frijoles Canyon Pictographs. Writers Editions, Santa Fe.

Beal, John D.

- 1987 Foundations of the Rio Grande Classic. The Lower Chama River A.D.

1300-1500. Submitted to the Office of Cultural Affairs, Historic Preservation Division, State of New Mexico, Santa Fe.

Beam, George L.

- 1909 The Prehistoric Ruin of Tsankawi. National Geographic Magazine 20:-807-822.

Benedict, Ruth

- 1931 Tales of the Cochiti Indians. Bureau of American Ethnology, Bulletin No. 98. Smithsonian Institution, Washington, D.C.

Bice, Richard A., and Phyllis Davis

- 1972 Progress Report on Cochiti Lithic Sites, Project AS-4 of the Albuquerque Archaeological Society under the Sponsorship of the Museum of New Mexico. Laboratory of Anthropology Research Note 80D. Museum of New Mexico, Santa Fe.

Biella, Jan V.

- 1977a Previous Anthropological Research in the Cochiti Study Area. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 105-149. Office of Contract Archeology, University of New Mexico, Albuquerque.

- 1977b Program for Mitigation of Archeological Resources in the Permanent Pool of Cochiti Reservoir. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D.

- Bussey, pp. 3-18. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979a (editor) Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 3. 1976-1977 Field Seasons. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979b Changing Residential Patterns Among the Anasazi, A.D. 750-1525. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 103-144. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1992 LA 70029: An Archaic/Basketmaker II and Coalition Phase Site on the Pajarito Plateau. Southwest Archaeological Consultants Research Series No. 266. Southwest Archaeological Consultants, Santa Fe.
- Biella, Jan V., and Richard C. Chapman**
- 1975 An Assessment of Cultural Resources in Cochiti Reservoir. Ms. on file, Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1977a (editors) Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1977b Significance of Cultural Resources in Cochiti Reservoir. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 295-316. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1977c Survey of Cochiti Reservoir: Presentation of Data. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 201-294. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979a An Archeological Approach to the Study of Cultural Evolution. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 1-16. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979b (editors) Archeological Investigations in Cochiti Reservoir. Volume 4. Adaptive Change in the Northern Rio Grande Valley. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979c A Program for Mitigation of Archeological Resources in the Flood Pool of Cochiti Reservoir, New Mexico. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 3. 1976-1977 Field Seasons, edited by Jan V. Biella, pp. 3-25. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Binford, Martha R.**
- 1979 Spatial Patterning and Content Variability in Four Historic Faunal Assemblages. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in

the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 247-268. Office of Contract Archeology, University of New Mexico, Albuquerque.

Bousman, C. Britt, Paul Larson, and Frances Levine

1974 Archeological Assessment of Bandelier National Monument. Archeology Research Program, Southern Methodist University, Dallas.

Bower, Nathan W., Steve Faciszewski, Stephen Renwick, and Stewart Peckham

1986 A Preliminary Analysis of Rio Grande Glazes of the Classic Period Using Scanning Electron Microscopy with X-Ray Fluorescence. Journal of Field Archaeology 13:307-315.

Bowman, Carl B.

1976 Place Names Used by Adolph Bandelier. Awanyu 4(3):34-40. Archaeological Society of New Mexico, Las Cruces.

Breternitz, David A.

1966 An Appraisal of Tree-Ring Dated Pottery in the Southwest. Anthropological Papers of the University of Arizona No. 10. University of Arizona, Tucson.

Broilo, Frank J., and Jan V. Biella

1977 The Cochiti Reservoir Archeological Project. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 3-5. Office of Contract Archeology, University of New Mexico, Albuquerque.

Bronitsky, Gordon J.

1975 Jemez and Tiguex: A Test of an Ethnological Inference. In Collected Papers in Honor of Florence Hawley Ellis, edited by Theodore R. Frisbie, pp. 22-46. Papers of the Archaeological Society of New Mexico: 2. Hooper, Norman.

1977 An Ecological Model of Trade: Prehistoric Economic Exchange in the Northern Rio Grande Region of New Mexico. Unpublished Ph.D. dissertation, Department of Anthropology, University of Arizona, Tucson.

1983 Economic Change in the Rio Grande Valley. In Ecological Models in Economic Prehistory, edited by Gordon J. Bronitsky, pp. 168-188. Anthropological Research Paper No. 29. Arizona State University, Tempe.

Broome, Patricia, Hugh Davidson, and Kelly Smith

1977 A Cultural Resource Survey of the Sanchez-Balitas Timber Sale, Tesuque Ranger District, Santa Fe National Forest, New Mexico. Adams State College, Alamosa. Submitted to USDA Forest Service, Report No. 1977-10-30, Santa Fe.

Broome, Patricia, and Ray Harriman

1977 Cultural Resource Clearance Report, Bland Canyon Sawtimber and Cultural Treatment Project. Adams State College, Alamosa. Submitted to USDA Forest Service, Report No. 1977-10-29, Santa Fe.

Brugge, David M.

1955 A Kiva Bell from Bandelier National Monument, New Mexico. American Antiquity 21(1):83-84.

Bryan, Kirk, and A. P. Butler, Jr.

- 1937 Artifacts Made of Glossy Andesite of the San Antonio Mountain, Rio Arriba County, New Mexico. University of New Mexico Bulletin, Anthropology Series 3(4):26-31. University of New Mexico Press, Albuquerque.

Bussey, Stanley D.

- 1968a Excavations at LA 6461, the Red Snake Hill Site. In The Cochiti Dam Archaeological Salvage Project. Part I. Report on the 1963 Season, assembled by Charles H. Lange, pp. 5-12. Museum of New Mexico Research Records No. 6. Museum of New Mexico, Santa Fe.
- 1968b Excavations at LA 6462, the North Bank Site. In The Cochiti Dam Archaeological Salvage Project. Part I. Report on the 1963 Season, assembled by Charles H. Lange, pp. 13-72. Museum of New Mexico Research Records No. 6. Museum of New Mexico, Santa Fe.
- 1971 Excavations at LA 9154. In Excavations at Cochiti Dam, New Mexico: 1964-1966 Seasons, edited by David H. Snow. Ms. on file, Museum of New Mexico, Santa Fe.

Camilli, Eileen

- 1979 A Suggested Method for Recognizing Patterning in Lithic Artifact Distributions. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 337-353. Office of Contract Archeology, University of New Mexico, Albuquerque.

Carter, Mary, and Allen Carter

- 1976 Bandelier: Yesterday and Today. Ms. on file, archive of Bandelier National Monument.

Casaus, Abenicio

- 1984 Cañada Jacquez Wildlings Sale--1984: A Cultural Resource Inventory. Report No. 1984-10-94. USDA Forest Service, Santa Fe.

Caywood, Louis R.

- 1966 Excavations at Rainbow House, Bandelier National Monument, New Mexico. U.S. National Park Service, Globe, AZ.

Chapman, Arthur

- 1913 The Romance of American Archaeology. Overland Monthly, 2nd series, 62:213-224.

Chapman, Kenneth

- 1916 Graphic Art of the Cave Dwellers. El Palacio 3(2):37-41.
- 1917a The Cave Pictographs of the Rito de los Frijoles. El Palacio 4(1):329-331.
- 1917b The Cave Pictographs of the Rito de los Frijoles. Paper No. 13. School of American Archaeology, Santa Fe.
- 1927a A Feather Symbol of the Ancient Pueblos. El Palacio 23(21):526-536.
- 1927b Stone Wall Construction in Ancient Pueblos and Cliff Dwellings. El Palacio 23(19):479-485.
- 1936 Pottery of Santo Domingo Pueblo: A Detailed Study of Its Decoration. Laboratory of Anthropology Memoir No. 1. Laboratory of Anthropology, Santa Fe. Reprinted in 1938 and 1953.
- 1938 Pajaritan Pictography: The Cave Pictographs of the Rito de los Frijoles. In Pajarito Plateau and Its Ancient People, by Edgar L. Hewett, pp. 139-148. Handbook of Archaeological History. University of New Mexico, Albuquerque.

- 1970 Pottery of San Ildefonso Pueblo. School of American Research and University of New Mexico, Albuquerque.

Chapman, Richard C.

- 1977 Definition of Intrasite Activity Areas [Excavation of Twenty-Seven Sites in the Permanent Pool of Cochiti Reservoir]. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavations and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 115-118. Office of Contract Archeology, University of New Mexico, Albuquerque.

- 1979a The Archaic Occupation of White Rock Canyon. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 61-73. Office of Contract Archeology, University of New Mexico, Albuquerque.

- 1979b Archaic Settlement and the Vegetative Diversity Model. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 75-102. Office of Contract Archeology, University of New Mexico, Albuquerque.

Chapman, Richard C., and Jan V. Biella

- 1977 Research Perspective. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 7-12. Office of Contract Ar-

cheology, University of New Mexico, Albuquerque.

- 1979 A Review of Research Results. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 385-406. Office of Contract Archeology, University of New Mexico, Albuquerque.

- 1980 4,000 Years on the Southern Pajarito. Exploration 6-11. Annual Bulletin of the School of American Research, Santa Fe.

Chapman, Richard C., and Jan V. Biella with Stanley D. Bussey (editors)

- 1977 Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavation and Analysis, 1975 Season. Office of Contract Archeology, University of New Mexico, Albuquerque.

Chapman, Richard C., Jan V. Biella, Jeanne A. Schutt, James G. Enloe, Patricia J. Marchiando, et al.

- 1977 Description of Twenty-Seven Sites in the Permanent Pool of Cochiti Reservoir. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 119-359. Office of Contract Archeology, University of New Mexico, Albuquerque.

Chapman, Richard C., and James G. Enloe with Emily K. Abbink, John R. Stein, and A. H. Warren

- 1977 Survey of Cochiti Reservoir: Methodology. In Archeological Investiga-

- tions in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 173-200. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Chapman, Richard C., and Jeanne A. Schutt**
- 1977 Methodology of Lithic Analysis [Excavation of Twenty-Seven Sites in the Permanent Pool of Cochiti Reservoir]. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 83-96. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Chávez, Angelico**
- 1957 Archives of the Archdiocese of Santa Fe. Academy of American Franciscan History, Washington, D.C.
- Clary, Karen H.**
- 1987 An Analysis of Pollen from a Suspected Agricultural Terrace from the Vicinity of LA 52320, a Late Coalition Period (A.D. 1275-1325) Archaeological Site, the Pajarito Plateau, New Mexico. Casterter Laboratory for Ethnobotanical Studies, Technical Series No. 190. Submitted to Pajarito Field House Project, University of California, Los Angeles.
- Collins, Edward W.**
- 1981 An Archeological Reinspection of Sites on the Chupadero Timber Sale. Report No. 1979-10-23C. USDA Forest Service, Santa Fe.
- 1982a Cultural Resources Clearance Report of the Water Timber Sale Free Use Fuelwood Area, USDA Forest Service, Southwest Region, Santa Fe National Forest, Española Ranger District. Report No. 1981-10-40C. USDA Forest Service, Santa Fe.
- 1982b Cultural Resources Monitoring Report, Water Timber Sale and Fuelwood Areas, Española Ranger District, Santa Fe National Forest. Report No. 1981-10-40D. USDA Forest Service, Santa Fe.
- 1982c Report on Preliminary Mapping and Erosion Control, Chupadero T S Damaged Sites. Report No. 1979-10-23D. USDA Forest Service, Santa Fe.
- 1984 Valle Timber Sale--Winter Logging. A Cultural Resources Report. Report No. 1978-10-31G. USDA Forest Service, Santa Fe.
- 1985a Forest Service Maintenance by Other than Forest Service: A Cultural Resources Report. Report No. 1985-10-35. USDA Forest Service, Santa Fe.
- 1985b Personal Use Viga Sales, Española Ranger District: A Cultural Resources Report. Report No. 1985-10-36. USDA Forest Service, Santa Fe.
- 1986 Forest Road Maintenance by Other than

Forest Service: A Cultural Resources Project. Report No. 1985-10-35. USDA Forest Service, Santa Fe.

Collins, Edward W., Leslie D. Hennigh, and Russ Koch

1980 An Archeological Survey of Temporary Roads and Skid Trails in 5 Subdivisions of the Alamitos Timber Sale. Report No. 1980-10-89. USDA Forest Service, Santa Fe.

Collins, Susan M.

1975 Prehistoric Rio Grande Settlement Patterns and the Inference of Demographic Change. Unpublished Ph.D. dissertation, Department of Anthropology, University of Colorado, Boulder.

1983 The Anasazi and the District: Geography, Management, or Sociologie? In Proceedings of the Anasazi Symposium 1981, compiled and edited by Jack E. Smith, pp. 37-41. Mesa Verde Museum Association, Mesa Verde.

Condie, Carol J.

1984 Survey, Assessment, and Mitigation Recommendations for Sunset and Sunrise Claims near Bland-Cochiti Mining District, Sandoval County, New Mexico. Report No. 55. Quivira Research Center, Albuquerque.

Cordell, Linda S.

1978 A Cultural Resources Overview of the Middle Rio Grande Valley, New Mexico. Submitted to USDA Forest Service and USDI Bureau of Land Management. Copies available from Superintendent of Documents, U.S. Government Printing Office, Wash-

ington, D.C., 10402.

1979a Prehistory: Eastern Anasazi. In Southwest, edited by Alfonso Ortiz, pp. 131-151. Handbook of North American Indians, vol. 9, W. C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

1979b The Prehistory of Santa Fe County. In Archaeology and History of Santa Fe County, edited by R. Ingersoll and J. F. Callender, pp. 1-5. Special Publication No. 8. New Mexico Geological Society, Socorro.

1989 Northern and Central Rio Grande. In Dynamics of Southwest Prehistory, edited by Linda S. Cordell and George J. Gumerman, pp. 293-335. Smithsonian Institution Press, Washington, D.C.

Creamer, Winifred, and Jonathan Haas

1989 Warfare, Disease and Colonial Contact in the Pueblos of Northern New Mexico. Report No. 1989-10-20. School of American Research, Santa Fe.

Creutz, A. W., with an introduction by George West

1975 Ruins Stabilization Summary Report. Ms. on file, Bandelier National Monument.

Crown, Patricia L., Janet D. Orcutt, and Timothy A. Kohler

1990 Pueblo Cultures in Transition: The Northern Rio Grande. Revision of conference paper presented at Crow Canyon Archaeological Center, March 1990.

Submitted for publication through the Crow Canyon Archaeological Center, Cortez.

Cully, Anne C.

- 1977 Paleoclimatic Variability in the North-Middle Rio Grande, New Mexico. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 97-101. Office of Contract Archeology, University of New Mexico, Albuquerque.

Cully, Jack F., Jr.

- 1986 A Research Prospectus for a Study of the Paleoecology and Prehistoric Agriculture in the Environs of Bandelier National Monument. Ms. on file, Branch of Cultural Research, National Park Service, Santa Fe.

Curtain, L. S. M.

- 1965 Healing Herbs of the Rio Grande. Southwest Museum, Los Angeles.

Davidson, Hugh, and Patricia Broome

- 1977 An Archaeological Survey of the La Mesa Fire Salvage Timber Sale, Tesuque Ranger District, Santa Fe National Forest, New Mexico. Report No. 1977-10-16. USDA Forest Service, Santa Fe.

Davis, Irvine

- 1959 Linguistic Clues to Northern Rio Grande Prehistory. El Palacio 66:73-84.

Davis, Lois M.

- 1981 Drought and Population Change: Their Effect on the Prehistoric Subsistence Economy of the Pajarito Plateau, New Mexico. Unpublished Master's paper, Archaeology Program, University of California at Los Angeles, Los Angeles.

de Barros, Philip L. F.

- 1980 Ceramic Notes. Ms. on file, Pajarito Archaeological Research Project, University of California at Los Angeles, Los Angeles.

- 1981a A Microseriation of Sites from the Northern Pajarito Plateau. Unpublished Master's thesis, Department of Anthropology, University of California at Los Angeles, Los Angeles.

- 1981b Site Occupation Dates Based on Surface Collected Ceramics: Problems and Prospects. Ms. in possession of author.

de Barros, Philip L., and James N. Hill

- 1980 Report on Archaeological Investigations Done in 1979 on the Santa Fe National Forest by the Pajarito Archaeological Research Project. University of California at Los Angeles. Submitted to USDA Forest Service, Santa Fe.

Devereaux, Don

- 1966 The Re-Location of a Pueblo Emergence Shrine. E Palacio 73(4):21-26.

Devereaux, Dwight

- 1985 Las Latas Green Piñon Fuelwood: A Cultural Resource Survey. Report No. 1985-10-58. USDA Forest Service, Santa Fe.

Dickson, D. Bruce, Jr.

- 1975 Settlement Pattern Stability and Change in the Middle Northern Rio Grande Region, New Mexico. American Antiquity 40:159-171.

Dodge, Natt N., and Zorro A. Bradley

- 1959 Report on Effects of Proposed Cochiti Dam on Bandelier National Monument. Ms. on file, Southwest Regional Office, National Park Service, Santa Fe.

Dodge, William A.

- 1981 Archeological Investigations at Cochiti Pueblo, New Mexico. A Study of Cultural Materials Recovered from Waterline Trenches. U.S. Department of Health and Human Services, Public Health Service, Albuquerque Area Office, Albuquerque.

Dougherty, Julia D.

- 1979a An Archeological Survey of the Chupadero Timber Sale, Española Ranger District, Santa Fe National Forest, New Mexico. Report No. 1979-10-23. USDA Forest Service, Santa Fe.
- 1979b Cultural Resource Clearance: An Archeological Survey of the Dome Unit Access Roads. Report No. 1979-10-1. USDA Forest Service, Santa Fe.

Dougherty, Julia D., and David P. Staley

- 1979 An Archeological Investigation of Horn Mesa (Southeastern End) and Kotyiti Pueblo. Report No. 1979-10-35. USDA Forest Service, Santa Fe.

Douglas, Frederic H.

- 1932 Modern Pueblo Indian Villages. Denver Art Museum Leaflets 45-46:177-184.
- 1933 Modern Pueblo Indian Pottery Types. Denver Art Museum Leaflets 53-54:9-16.
- 1939 Weaving of the Keres Pueblos; Weaving of the Tiwa Pueblos and Jemez. Denver Art Museum Leaflets 91:161-164.

Douglass, Amy A.

- 1990 Prehistoric Exchange and Sociopolitical Development in the Plateau Southwest. Garland, New York.

Douglass, William B.

- 1912 A World-Quarter Shrine of the Tewa Indians. Records of the Past 11(4):159-173. Smithsonian Institution, Washington, D.C.
- 1917 Notes on the Shrines of the Tewa and Other Pueblo Indians of New Mexico. Proceedings of the 19th International Congress of Americanists, pp. 344-378. Washington, D.C.

Dozier, Edward P.

- 1958 Ethnological Clues for the Sources of Rio Grande Population. In Migrations in New World Culture History, edited by Raymond H. Thompson, pp. 21-32.

- Social Sciences Bulletin No. 27. University of Arizona Press, Tucson.
- 1961 Rio Grande Pueblos. In Perspectives in American Indian Culture Change, edited by Edward Spicer, pp. 94-186. University of Chicago Press, Chicago.
- 1966 Factionalism at Santa Clara Pueblo. Ethnology 15(2):171-185.
- DuBois, Robert L.**
- 1990 Appendix H. Archeomagnetic Dating of Two Hearths in the La Mesa Fire Area. In The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, p. 202. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.
- Dumarest, Noel**
- 1919 Notes on Cochiti, New Mexico. Edited and translated by Elsie C. Parsons, pp. 139-236. Memoir No. 6. American Anthropological Association, Menasha, WI.
- Dutton, Bertha P.**
- 1948 New Mexico Indians, Pocket Handbook. New Mexico Association of Indian Affairs, Santa Fe.
- Dwan, Edward R.**
- 1980 An Archeological Survey of the Montoso Green Fuelwood Sale, Caja del Rio. Report No. 1980-10-33. USDA Forest Service, Santa Fe.
- Dyreson, D. E.**
- 1971 Settlement Pattern Changes and Self-Organizing Systems in the Central Rio Grande Watershed of New Mexico, A.D. 1350-1968. Unpublished Ph.D. dissertation, Department of Anthropology, University of Denver, Denver.
- Ebert, James I., and Galen Brown**
- 1981 Photointerpretive Mapping of Visitor and Animal Trails in Bandelier National Monument: A Possible Approach to Determining Potential for Impact on Cultural and Natural Resources. Ms. on file, Remote Sensing Unit, National Park Service, Santa Fe.
- Ebinger, Michael H.**
- 1975 Archeological Survey of Northern Los Alamos County Pajarito Plateau (Section 26, T20N R6E). Ms. on file, Archaeological Resources Management System, State Historic Preservation Office, Santa Fe.
- Eck, David C.**
- 1979 An Evaluation of Survey Strategies. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 297-305. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1980 An Archeological Survey of the Baca Geothermal 115 KV Transmission

- Line. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1981 Water Timber Sale Cultural Resources Inventory, U.S.D.A. Forest Service, Southwest Region, Santa Fe National Forest. Report No. 1981-10-40. USDA Forest Service, Santa Fe.
- Eininger, Susan F.**
- 1989 Prestabilization Documentation of Rainbow House. Ms. on file, Branch of Cultural Research, National Park Service, Santa Fe.
- Elliott, Michael L.**
- 1980 Pueblito Timber Sale Cultural Resource Inventory, Santa Fe National Forest. Report No. 1980-10-72. USDA Forest Service, Santa Fe.
- 1981 Preliminary Report and Recommendations Concerning Test Excavations at Site AR-03-10-08-422. Report No. 1978-10-31D. USDA Forest Service, Santa Fe.
- 1982 Large Pueblo Sites near Jemez Springs, New Mexico. Cultural Resource Report No. 3. USDA Forest Service, Southwest Region, Albuquerque.
- 1983a The Mesa Finale Site Prep Project Cultural Resources Inventory, Santa Fe National Forest. Report No. 1983-10-31. USDA Forest Service, Santa Fe.
- 1983b The Mesa Finale Site Prep Site Damage Evaluation. Report No. 1983-10-31C. USDA Forest Service, Santa Fe.
- 1986a The Cemetery Land Exchange Cultural Resources Inventory, Española Ranger District, Santa Fe National Forest. Report No. 1986-10-93. USDA Forest Service, Santa Fe.
- 1986b The Cemetery Land Exchange Site Testing and Evaluation, Preliminary Report. Report No. 1986-10-93B. USDA Forest Service, Santa Fe.
- 1987a The Cemetery Land Exchange Site Testing and Evaluation, Final Report, Española Ranger District, Santa Fe National Forest. Report No. 87-2. Jemez Mountains Research Center, Albuquerque.
- 1987b The Valle Silvicultural, Fuel, and Road Treatment Projects Cultural Resources Inventory, Española Ranger District, Santa Fe National Forest. Report No. 87-17. Jemez Mountains Research Center, Albuquerque.
- 1989 Copar Pumice Mine Expansion Cultural Resource Inventory, Española Ranger District, Santa Fe National Forest, Santa Fe County, New Mexico. Report No. 89-1. Jemez Mountains Research Center, Albuquerque.
- 1990 Archeological Site Damage Assessment at Site 1661, Jemez Ranger District, Santa Fe National Forest. Report No. 90-04. Jemez Mountains Research Center, Albuquerque.
- 1991 Results of Testing and National Register Evaluation of Two Sites on the Pajarito Plateau, Española Ranger District, Santa Fe National Forest. Report No. 1991-3. Jemez Mountains Research Center, Albuquerque.

Ellis, Florence H.

- 1951a Patterns of Aggression and the War Cult in Southwestern Pueblos. Southwestern Journal of Anthropology 7:177-201.
- 1951b Pueblo Social Organization and Southwestern Archaeology. American Antiquity 17:148-151.
- 1966 Pueblo Boundaries and Their Markers. Plateau 38(4):97-106.
- 1967a San Ildefonso and the Prehistoric San Ildefonsans. Report to USDI Bureau of Indian Affairs, Washington, D.C.
- 1967b Where Did the Pueblo People Come From? El Palacio 74(3):35-43.
- 1975 Life in the Tesuque Valley and Elsewhere in the Santa Fe Area During the Pueblo II Stages of Development. Awanyu 3(2):27-49. Archaeological Society of New Mexico, Las Cruces.
- 1976 Datable Ritual Components Proclaiming Mexican Influence in the Upper Rio Grande of New Mexico. In Collected Papers in Honor of Marjorie Ferguson Lambert, edited by Albert H. Schroeder, pp. 85-108. Papers of the Archaeological Society of New Mexico: 3. Albuquerque Archaeological Society Press, Albuquerque.
- 1983 Historic Middle Rio Grande Pottery and Potters. In Collected Papers in Honor of Charlie R. Steen, Jr., edited by Nancy L. Fox, pp. 223-252. Papers of the Archaeological Society of New Mexico: 8. Albuquerque Archaeological Society Press, Albuquerque.

Feemster, E. J.

- 1918 Arrowheads from the Baca Location. El Palacio 5(4):60.

Ferguson, Erna

- 1931 Indians Make Ceremonial Visits to Bandelier National Monument. In Dancing Gods, by Erna Ferguson, pp. 5-6. Alfred A. Knopf, New York.

Fisher, Reginald G.

- 1931 Second Report of the Archaeological Survey of the Pueblo Plateau, Santa Fe Subquadrangle A. University of New Mexico Bulletin, Survey Series 1, No. 1. University of New Mexico Press, Albuquerque.

Flynn, Leo L., and W. James Judge

- 1973 An Archeological Assessment of the Cañada de Cochiti Grant. University of New Mexico, Albuquerque. Submitted to USDI National Park Service, Southwest Regional Office, Santa Fe.

Ford, Richard I.

- 1968a An Ecological Analysis Involving the Population of San Juan Pueblo, New Mexico. Ph.D. dissertation, Department of Anthropology, University of Michigan, Ann Arbor. University Microfilms, Ann Arbor.
- 1968b Floral Remains. In The Cochiti Dam Archaeological Salvage Project. Part I. Report on the 1963 Season, assembled by Charles H. Lange. Museum of New Mexico Research Records No. 6. Museum of New Mexico, Santa Fe.
- 1972 An Ecological Perspective on the East-

- ern Pueblos. In New Perspectives on the Pueblo, edited by Alfonso Ortiz, pp. 1-21. University of New Mexico Press, Albuquerque.
- 1990a Appendix B. Ethnobotanical Consequences of the La Mesa Fire, Bandelier National Monument. In The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 147-152. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.
- 1990b An Ecological Analysis Involving the Population of San Juan Pueblo, New Mexico. Garland, New York.
- n.d. Ethnobotanical Remains from Saltbush Pueblo (LA 4997). Ms. on file, Bandelier National Monument.
- Ford, Richard I., Albert H. Schroeder, and Stewart L. Peckham**
- 1972 Three Perspectives on Puebloan Prehistory. In New Perspectives on the Pueblos, edited by Alfonso Ortiz, pp. 19-39. University of New Mexico Press, Albuquerque.
- Fosberg, Stephen**
- 1979 Geologic Controls of Anasazi Settlement Pattern. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 145-168. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Fosberg, Stephen, and John Husler**
- 1979 Pedology in the Service of Archeology: Soil Testing at La 13086. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 307-318. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Fox, J. Robin**
- 1960 Therapeutic Rituals and Social Structure in Cochiti Pueblo. Human Relations 13:291-303.
- 1964 Witchcraft and Clanship in Cochiti Therapy. In Magic, Faith and Healing, edited by Ari Kiev, pp. 174-200. Free Press, New York.
- 1967 The Keresan Bridge: A Problem in Pueblo Ethnology. Monograph in Social Anthropology No. 35, London School of Economics. Athlone Press, London.
- Fox, Nancy**
- 1975 Potsui'i Incised Cylindrical Vessels. In Collected Papers in Honor of Florence Hawley Ellis, edited by Theodore R. Frisbie, pp. 88-97. Papers of the Archaeological Society of New Mexico: 2. Hooper, Norman.
- Frank, Larry, and Francis H. Harlow**
- 1974 Historic Pottery of the Pueblo Indians,

- 1600-1880. New York Graphic Society, Boston.
- Fretwell, Patricia H.**
- 1954 Preliminary Report of Excavation of Fulton Site 190, Pajarito Plateau. Ms. on file, Museum of New Mexico, Santa Fe.
- 1959 Final Report, Excavation of Fulton Site 190, Pajarito Plateau. Ms. on file, Museum of New Mexico, Santa Fe.
- Frisbie, Theodore R., Bruce M. Moore, and Ronald H. Spielbauer**
- 1970 The James Webb Young Ranch Survey, 1969: A Preliminary Report. Ms. on file, Southern Illinois University, Carbondale.
- Fulton, James**
- 1935 Notes on Forest Service Survey. Notes on file, Bandelier National Monument.
- Gadd, Powys**
- 1987 Caja del Rio Plateau, Cultural Resources Survey, Española Ranger District, Santa Fe National Forest, New Mexico. Report No. 1987-10-120. USDA Forest Service, Santa Fe.
- 1988 Alamitos Road Closures and Road Maintenance Cultural Resources Survey, Española Ranger District, Santa Fe National Forest, New Mexico. Report No. 1988-10-82. USDA Forest Service, Santa Fe.
- 1989a Alamitos Road Closures, 1989 Cultural Resources Survey, Los Alamos and Rio Arriba Counties, New Mexico, Española Ranger District, Santa Fe National Forest. Report No. 1989-10-82. USDA Forest Service, Santa Fe.
- 1989b Seasonal Closure and/or Obliteration of Forest Roads 2251E, 2251K, 2251O, Cultural Resources Survey. Report No. 1989-10-10. USDA Forest Service, Santa Fe.
- 1990a BIA Access/Forest Road 2556 Maintenance, Cultural Resources Survey, Santa Fe County, New Mexico, Española Ranger District, Santa Fe National Forest. Report No. 1990-10-32. USDA Forest Service, Santa Fe.
- 1990b Caja del Rio Stock Pond Maintenance and New Tank Construction (Stoney Tank, Tank Nineteen, and Headcut Tank), Cultural Resources Survey, Española Ranger District, Santa Fe National Forest, Santa Fe County, New Mexico. Report No. 1990-10-59. USDA Forest Service, Santa Fe.
- 1990c DOE Water Tower Fence and FR 57 Maintenance, Cultural Resources Survey, Española Ranger District, Santa Fe National Forest, Los Alamos County, New Mexico. Reports Nos. 1990-10-27 and 1990-10-27B. USDA Forest Service, Santa Fe.
- 1990d Forest Road 2551 Rock Permit Area, Cultural Resources Survey, Santa Fe County, New Mexico, Española Ranger District, Santa Fe National Forest. Report No. 1990-10-76. USDA Forest Service, Santa Fe.
- 1990e Forest Road 2857 Maintenance and Partial Closure, Cultural Resources Survey, Rio Arriba County, New Mexico, Española Ranger District, Santa Fe National Forest. Report No. 1990-10-123. USDA Forest Service, Santa Fe.
- 1991a Guaje Firelines Prescribed Burn, Literature Review and Cultural Resources Survey, Los Alamos County, New

- Mexico, Española Ranger District, Santa Fe National Forest. Report No. 1991-10-104. USDA Forest Service, Santa Fe.
- 1991b Los Alamos Area Road Closures/Obliteration 1991, Cultural Resources Survey, Rio Arriba, Los Alamos, and Santa Fe Counties, New Mexico, Española Ranger District, Santa Fe National Forest. Report No. 1991-10-38. USDA Forest Service, Santa Fe.
- 1991c Montane Grassland Cultural Resources Survey, Los Alamos County, New Mexico, Española Ranger District, Santa Fe National Forest. Report No. 1991-10-92. USDA Forest Service, Santa Fe.
- 1991d Site Monitoring Report FY 1990, Española Ranger District, Santa Fe National Forest, New Mexico. Report No. 1991-10-3. USDA Forest Service, Santa Fe.
- Gale, Gil**
- 1985 Alamitos KV Browse Seeding Project Cultural Resource Report. Report No. 1985-10-94. USDA Forest Service, Santa Fe.
- Garza, Patricia L.**
- 1978 Retrodiction of Subsistence Stress on the Pajarito Plateau: A Computer-Based Model. Unpublished Master's thesis, Department of Anthropology, University of California at Los Angeles, Los Angeles.
- Gauthier, Rory P.**
- 1982 Notes on Biscuit Wares and Some General Ceramic Trends in the Northern Rio Grande. Pottery Southwest 9(2):6-7 and 9(3):1-5. Albuquerque Archaeological Society, Albuquerque.
- Gauthier, Rory P., Emily Abbink, Mark Harlan, Mary Beth Lucas, and Scott Berger**
- 1982 An Archeological Inventory Survey of Approximately 50 Miles of Transmission Line Corridor from BA Station to Norton Station, New Mexico. Report No. 3. Public Service Company of New Mexico, Albuquerque.
- Goldfrank, Esther S.**
- 1927 The Social and Ceremonial Organization of Cochiti. Memoir No. 33. American Anthropological Association, Menasha, WI.
- Gomolak, A. R.**
- 1982 Shell Magneto-Telluric Test Site #40. Report No. 82-24. Jicarilla Archaeological Services, Chama.
- Greene, Edward**
- 1980 Bandelier National Monument: Past, Present, Future. Exploration 21-25. Annual Bulletin of the School of American Research, Santa Fe.
- Guthe, Carl E.**
- 1925 Pueblo Pottery Making: A Study at the Village of San Ildefonso. Yale University Press, New Haven.
- Hackett, C. W., and C. C. Shelby**
- 1942 Revolt of the Pueblo Indians of New Mexico and Otermin's Attempted Reconquest, 1680-1682. Vols. 8-9. Coronado Cuarto Centennial Publications, Albuquerque.
- Haecker, Charles M.**
- 1977 Obsidian Hydration Analysis [Excava-

- tion of Twenty-Seven Sites in the Permanent Pool of Cochiti Reservoir]. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 111-114. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1986 A Cultural Resources Survey above SR 4 within the San Ildefonso Pueblo Grant for NMSHD Project No. BRF-054-(3). Report No. 86-18. New Mexico State Highway Department, Santa Fe.
- 1988 Cultural Resources Survey of a Proposed Surfacing Pit 88-4-S Gravel Crusher Site and Channel Rerouting, San Ildefonso Pueblo, NMSHD Project WIPP-BRF-F-054-1 (3). Report No. 88-17. New Mexico State Highway Department, Santa Fe.
- Hagstrum, Melissa B.**
- 1983 Prehistoric Ceramic Craft Specialization in the American Southwest: A Test Case in the Upper Rio Grande Valley, New Mexico. Unpublished Master's thesis, Department of Anthropology, University of California at Los Angeles, Los Angeles.
- 1985 Measuring Prehistoric Ceramic Craft Specialization: A Test Case in the American Southwest. Journal of Field Archaeology 12(1):65-75.
- Hannaford, Charles A.**
- 1986 Archaeology Survey of the Tierra Contenta Subdivision, Santa Fe County, New Mexico. Laboratory of Anthropology Research Note No. 356. Museum of New Mexico, Santa Fe.
- Harkins, C. G.**
- 1938 Skeleton Found at Bandelier. Southwestern Monuments Monthly Report, July Supplement, pp. 80-81. Coolidge.
- Harlow, Francis H.**
- 1965a Recent Finds of Pajaritan Pottery. El Palacio 72(2):27-33.
- 1965b Tewa Indian Ceremonial Pottery. El Palacio 72(4):13-23.
- 1967 Historic Pueblo Indian Pottery, Painted Jars and Bowls of the Period 1600-1900. Monitor Press, Los Alamos.
- 1973 Matte-paint Pottery of the Tewa, Keres and Zuni Pueblos. Museum of New Mexico Press, Santa Fe.
- 1977 Modern Pueblo Pottery, 1880-1960. Northland Press, Flagstaff.
- Harlow, Francis H., and John V. Young**
- 1965 Contemporary Pueblo Indian Pottery. Museum of New Mexico Press, Santa Fe.
- Harper, Allan G., Andrew R. Cordova, and Kalvero Oberg**
- 1943 Man and Resources in the Middle Rio Grande Valley. Inter-Americana Studies II. University of New Mexico Press, Albuquerque.
- Harrill, Bruce G.**
- 1987 BIAA-AAO Cultural Resources Survey Report. Report No. 87-151.

USDI Bureau of Indian Affairs, Albuquerque Area Office, Albuquerque.

Harrington, John P.

- 1916a Ethnogeography of the Tewa Indians. Bureau of American Ethnology 29th Annual Report, pp. 29-618. Smithsonian Institution, Washington, D.C.
- 1916b Ethnogeography of the Tewa Indians. Paper No. 20. School of American Archaeology, Santa Fe.
- 1919 Meanings of Old Tewa Indian Place Names Around Santa Fe. El Palacio 7:78-83.
- 1920 Old Indian Geographical Names Around Santa Fe, New Mexico. American Anthropologist 22:341-359.
- 1945 The Southwest Indian Languages and the Sounds and Structures of the Aztec Language. In The Pueblo Indian World: Studies on the Natural History of the Rio Grande Valley in Relation to Pueblo Indian Culture, edited by Edgar L. Hewett and Bertha P. Dutton, pp. 153-156. School of American Research and University of New Mexico Press, Albuquerque.
- 1947 Three Tewa Texts. American Journal of Linguistics 13:112-116.
- 1949 Rito, a Short Cut for Saying Riito. El Palacio 56(9):252-253.
- n.d. The "Stone Idols" of Cochiti: A Remarkable Forgery. Ms. on file, Bandelier National Monument.

Harris, Arthur H.

- 1968 Faunal Remains from LA 6461, LA

6462, and LA 6455. In Cochiti Dam Archaeological Salvage Report. Part I. The 1963 Season, assembled by Charles H. Lange, pp. 198-235. Museum of New Mexico Research Records No. 6. Museum of New Mexico, Santa Fe.

Harris, Arthur H., and Linda S. W. Porter

- 1990 Appendix E. Identification of Faunal Remains from LA-16114 in the La Mesa Fire Area. In The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 172-173. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Harrison, Laura Soullière, Randall Copeland, and Roger Buck

- 1988 Historic Structure Report, CCC Buildings, Bandelier National Monument, New Mexico. USDI, Denver Service Center, Denver..

Hawley, Florence M.

- 1937 Pueblo Social Organization as a Lead to Pueblo Prehistory. American Anthropologist 39:504-522.
- 1950a Keresan Patterns of Kinship and Social Organization. American Anthropologist 52:499-512.
- 1950b Little Kivas, Big Kivas and Moiety Houses in Historical Reconstruction.

Southwest Journal of Anthropology
6:286-302.

Head, Genevieve N.

1992 The Bandelier Archeological Survey 1991 Preliminary Report. Branch of Cultural Research, National Park Service, Santa Fe. Submitted to Bandelier National Monument.

Henderson, Junius, and John Peabody Harrington

1914 Ethnozoology of the Tewa Indians. Bureau of American Ethnology, Bulletin No. 56. Smithsonian Institution, Washington, D.C.

Hendron, Jerome W.

1937a Archaeological Report on the Stabilization of the Reconstructed Talus House in the Rito de los Frijoles, Bandelier National Monument. Ms. on file, Bandelier National Monument.

1937b Stabilization of Ceremonial Cave, Frijoles Canyon, Bandelier National Monument, New Mexico. Southwestern Monuments Monthly Report, October Supplement, pp. 298-301; and November Supplement, pp. 379-380. Coolidge.

1937c Stabilization of the Large Kiva, Frijoles Canyon, Bandelier National Monument, New Mexico. Southwestern Monuments Monthly Report, June Supplement, pp. 363-366; July Supplement, pp. 14-15; August Supplement, pp. 134-134b; and September Supplement, pp. 206-208. Coolidge.

1937d Stabilization of the Restored Talus

House. Southwestern Monuments Monthly Report, October, pp. 289-301; and December Supplement, pp. 478-485. Coolidge.

1937e Stabilization of Tyuonyi. Southwestern Monuments Monthly Report, December, pp. 453-454.

1937f The Stabilization of the Kiva in the Great Ceremonial Cave, El Rito de los Frijoles, Bandelier National Monument. Ms. on file, Bandelier National Monument.

1937g The Stabilization of the Large Kiva, Frijoles Canyon, Bandelier National Monument. Ms. on file, Bandelier National Monument.

1937-38 Archaeological Report on the Stabilization of Tyuonyi, The Rito de los Frijoles, Bandelier National Monument. Ms. on file, Bandelier National Monument.

1938a Archaeological Report on the Stabilization of Tyuonyi in Bandelier National Monument, New Mexico. Southwestern Monuments Monthly Report, January Supplement, pp. 31-32, February Supplement, pp. 176-181. Coolidge.

1938b Stabilization of the Kiva in the Great Ceremonial Cave at Bandelier. Southwestern Monuments Monthly Report, January Supplement, pp. 70-74. Coolidge.

1940 Prehistory of El Rito de los Frijoles: Bandelier National Monument. Southwestern Monuments Association, Technical Series No. 1. Southwestern

- Monuments Association, Coolidge.
- 1943a Frijoles Canyon, Bandelier National Monument, New Mexico. Ms. on file, Bandelier National Monument.
- 1943b Group M of the Cliff Dwellings, Rooms 1, 2, 3, 4 and 5, Caves 1, 2, 3, 4, Frijoles Canyon, Bandelier National Monument, New Mexico. Ms. on file, Bandelier National Monument.
- 1945 Potsui'i II, a Pueblo III Site on the Pajarito Plateau. Ms. on file, Bandelier National Monument.
- 1946a Frijoles: A Hidden Valley in the New World. Rydal Press, Santa Fe.
- 1946b We Found America's Oldest Tobacco. New Mexico Magazine 14(11):10-13, 33-37.
- Hennigh, Leslie D.**
- 1980 An Archeological Survey of the Specified Roads for the Chup Timber Sale. Report No. 1979-10-23B. USDA Forest Service, Santa Fe.
- 1981a An Archeological Survey of Copar Surface Pumice Mine Expansion. Report No. 1981-10-54. USDA Forest Service, Santa Fe.
- 1981b An Archeological Survey of Temporary Roads and Skid Trails in Three Subdivisions of the Alamitos Timber Sale, USDA Santa Fe National Forest, Española Ranger District. Report No. 1981-10-3. USDA Forest Service, Santa Fe.
- 1981c A Cultural Resources Survey of the Guaje Wildlife Watering Device Project, USDA Forest Service, Southwest Region, Santa Fe National Forest, Española Ranger District. Report No. 1981-10-71. USDA Forest Service, Santa Fe.
- 1984 Alamitos 84 Precommercial Thinning and Free Use Fuelwood, Española Ranger District, Santa Fe National Forest. Report No. 1984-10-8. USDA Forest Service, Santa Fe.
- Hewett, Edgar L.**
- 1901 Prehistoric Archaeology. U.S. Department of Interior, Annual Report for 1901. Washington, D.C.
- 1904a Archaeology of the Pajarito Park, New Mexico. American Anthropologist 6:629-659.
- 1904b Circular Relating to Historic and Prehistoric Ruins of the Southwest and their Preservation. U.S. Department of Interior, General Land Office. Government Printing Office, Washington, D.C.
- 1905 Antiquities of the Southwest and Their Preservation. Magazine of History 1:291-300.
- 1906 Antiquities of the Jemez Plateau, New Mexico. Bureau of American Ethnology, Bulletin No. 32. Smithsonian Institution, Washington, D.C.
- 1908a Excavations at Puye in 1907. Paper No. 4. School of American Archaeology, Santa Fe.
- 1908b Les communautés anciennes dans le désert américain. Recherches archéologiques sur la distribution et l'organisation sociale des anciennes popula-

- tions au sud-ouest des Etats-Unis et au nord du Mexique. Unpublished Ph.D. dissertation, University of Geneva. Libraire de l'Institut, Librairie Kundig, Geneva.
- 1909a Archaeology of the Rio Grande Valley. Out West 31(2): 692-719. Los Angeles.
- 1909b Excavations at the El Rito de los Frijoles in 1909. American Anthropologist 2:651-673.
- 1909c Excavations at the Rito de los Frijoles in 1909. Paper No. 10. School of American Archaeology, Santa Fe.
- 1909d The Excavations at Tyuonyi, New Mexico, in 1908. American Anthropologist 2:434-455.
- 1909e The Excavations at Tyuonyi, New Mexico, in 1908. Paper No. 5. School of American Archaeology, Santa Fe.
- 1909f The Pajaritan Culture. American Journal of Archaeology, 2nd series, 13(3):334-344.
- 1909g The Pajaritan Culture. Paper No. 3. School of American Archaeology, Santa Fe.
- 1920 The Cliff Maiden. El Palacio 8(5-6):109.
- 1930 Ancient Life in the American Southwest. Bobbs-Merrill, Indianapolis.
- 1938a Pajarito Plateau and Its Ancient People. Handbook of Archaeological History, 2nd edition, revised in 1953. University of New Mexico Press and School of American Research, Albuquerque and Santa Fe.
- 1938b Prehispanic Frescoes in the Rio Grande. Paper No. 16. School of American Research, Santa Fe.
- Hewett, Edgar L., and Bertha P. Dutton**
- 1945 The Pueblo Indian World: Studies on the Natural History of the Rio Grande Valley in Relation to Pueblo Indian Culture. University of New Mexico Press and School of American Research, Albuquerque.
- Hewett, Edgar L., Junius Henderson, and Wilfred W. Robbins**
- 1913 The Physiography of the Rio Grande Valley, New Mexico, in Relation to Pueblo Culture. Bureau of American Ethnology, Bulletin No. 54. Smithsonian Institution, Washington, D.C.
- Hewett, Edgar L., and Wayne L. Mauzy**
- 1940 Landmarks of New Mexico. University of New Mexico Press and School of American Research, Albuquerque. Reprinted in 1947 and 1953.
- Hibben, Frank C.**
- 1951 A Survey of the Sites of the Paleo-Indian in the Middle Rio Grande Valley, New Mexico. Texas Journal of Science 13(3):362-367.
- Hill, David V.**
- 1991a An Archaeological Survey of the Proposed Bason Land Exchange, Los Alamos County, New Mexico. The For-

estry Association, Glenwood, NM.

- 1991b A Cultural Resource Inventory of the American Springs Personal Fuelwood Use Areas, Santa Fe National Forest, Española Ranger District. The Forestry Association, Glenwood, NM.

Hill, James N.

- 1976 Research Design--Pajarito Archaeological Research Project. Ms. on file, Department of Anthropology, University of California at Los Angeles, Los Angeles.
- 1977 Prehistoric Responses to Food Stress: A Test Case. Proposal to National Science Foundation, on file at Branch of Cultural Research, National Park Service, Santa Fe.
- 1979a Proposal for Archaeological Survey in Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1979b Second and Final Report on Archaeological Investigations Conducted on Department of Interior Lands as Authorized by Antiquities Act Permit No. 77-115-085 by the Pajarito Archaeological Research Project. University of California at Los Angeles. Submitted to USDI Bureau of Land Management, Albuquerque.

Hill, James N., and Janet D. Orcutt

- 1979 Archaeological Investigations Conducted on Department of the Interior Lands. Department of Anthropology, University of California at Los Angeles. Submitted to USDI Bureau of Land Management, Albuquerque.

Hill, James N., and W. Nicholas Trierweiler

- 1986 Prehistoric Responses to Food Stress on the Pajarito Plateau, New Mexico: Technical Report and Results of the Pajarito Archaeological Research Project, 1977 -19 85. Submitted to the National Science Foundation, Washington, D.C.

Hill, W. W.

- 1982 The Ethnography of Santa Clara Pueblo, New Mexico. University of New Mexico Press, Albuquerque.

Holmes, W. H.

- 1905 Notes on the Antiquity of Jemez Valley, New Mexico. American Anthropologist 7:198-212.
- 1908 Report of the Chief. Twenty-sixth Annual Report of the Bureau of American Ethnology to the Secretary of the Smithsonian Institution, 1904-1905. Government Printing Office, Washington, D.C.

Honea, Kenneth H.

- 1968 Material Culture: Ceramics. In The Cochiti Dam Archaeological Salvage Project. Part I. Report of the 1963 Season, assembled by Charles H. Lange, pp. 111-169. Museum of New Mexico Research Records No. 6. Museum of New Mexico, Santa Fe.

Hrdlička, Ales

- 1931 Catalogue of Human Crania in the United States National Museum Collec-

- tions. U.S. National Museum, Proceedings 78(2845):1-95.
- Hubbell, Lyndi, and Diane Traylor (editors)**
- 1982 Bandelier: Excavations in the Flood Pool of Cochiti Lake, New Mexico. National Park Service, Santa Fe.
- Hunter-Anderson, Rosalind**
- 1979a Explaining Residential Aggregation in the Northern Rio Grande: A Competition Reduction Model. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 169-175. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979b Observations on the Changing Role of Small Structural Sites in the Northern Rio Grande. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 177-186. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Hyland, Justin R.**
- 1986 A Preliminary Investigation of a Prehistoric Cavate Site on the Pajarito Plateau, North Central New Mexico. Unpublished Honors thesis, Department of Anthropology, University of California at Berkeley, Berkeley.
- Ice, Ronald J.**
- 1963 Prehistoric Land Utilization on the Pajarito Plateau. Ms. prepared for Geography 251, University of New Mexico, Albuquerque.
- 1965 Inventory of Archaeological Studies in the Vicinity of Bandelier National Monument and Cochiti Dam and Reservoir, New Mexico. Ms. on file, Bandelier National Monument.
- Irwin-Williams, Cynthia**
- 1967 Picoso: The Elementary Southwest Culture. American Antiquity 32:441-457.
- 1973 The Oshara Tradition: Origins of Anasazi Culture. Contributions in Anthropology 5(1). Eastern New Mexico University, Portales.
- Irwin-Williams, Cynthia, and S. Tomkins**
- 1968 Excavations at En Medio Shelter, New Mexico. Contributions in Anthropology 1(2). Eastern New Mexico University, Portales.
- Jackson, Earl**
- 1934a The Ruins of Tsankawi. Southwestern Monuments Monthly Report, October Supplement, pp. 213-214. Coolidge.
- 1934b The Ruins of Tshirege. Southwestern Monuments Monthly Report, October Supplement, pp. 216-217. Coolidge.
- 1935a Archaeological Notes. Southwestern Monuments Monthly Report, January Supplement, p. 42. Coolidge.
- 1935b Something about Awanyu. Southwestern Monuments Monthly Report, December Supplement, pp. 462a-b. Coolidge.

Jenkins, Myra Ellen

- 1972 Spanish Land Grants in the Tewa Area. New Mexico Historical Society Quarterly 47(2):113-134.

Jicarilla Archaeological Services

- 1982 Report CR82-24, Excerpt A. Shell Mt. Test Site 29. Report No. 1982-10-13A. USDA Forest Service, Santa Fe.

Johnson, Chester R., Jr.

- 1960 Report on the Excavation of a Child's Burial in Cave Room C54, Tsankawi Ruin, Bandelier National Monument. Ms. on file, Bandelier National Monument.

Johnson, Keith P.

- n.d. Site Accessibility and Site Vandalism on the Pajarito Plateau. Ms. on file, Department of Anthropology, University of California at Los Angeles, Los Angeles.

Judd, Neil M.

- 1962 1910 in El Rito de los Frijoles. El Palacio 69(3):139-141.

Kemrer, Meade, and Sandra Kemrer

- 1979 A Comparative Study of Archaic, Anasazi and Spanish Colonial Subsistence Activities in Cochiti Reservoir. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande, edited by Jan V. Biella and Richard C. Chapman, pp. 269-282. Office of Contract Archeology, University of New Mexico, Albuquerque.

Kidder, Alfred V.

- 1914 Southwestern Ceramics: Their Value in Reconstructing the History of the Ancient Cliff Dwelling Pueblo Tribes. Unpublished Ph.D. dissertation, Department of Anthropology, Harvard University, Cambridge.
- 1915 Pottery of the Pajarito Plateau and Some Adjacent Regions of New Mexico. Memoir No. 2(6):407-462. American Anthropological Association, Menasha, WI.

Koczan, Steven A.

- 1990 Cultural Resources Inventory at Otowi Suspension Bridge, Santa Fe County, New Mexico State Highway and Transportation Department Project SP-(F)-054-1(203). Report No. 90-9. New Mexico State Highway Department, Santa Fe.

Kohler, Timothy A. (editor)

- 1989 Bandelier Archaeological Excavation Project: Research Design and Summer 1988 Sampling. Reports of Investigations No. 61. Department of Anthropology, Washington State University, Pullman.
- 1990 Bandelier Archaeological Excavation Project: Summer 1989 Excavations at Burnt Mesa Pueblo. Reports of Investigations No. 62. Department of Anthropology, Washington State University, Pullman.

Kohler, Timothy A., Peter J. Mehringer, Richard H. Hevly, and Robert P. Powers

- 1989 Developing Long-Term Perspectives on Colonization, Population Growth and

- Aggregation, and Abandonment in Semi-Arid Lands by Agricultural Populations under Changing Climatic Conditions. MAB Report Series 59:30:1-5.
- Kohler, Timothy A., and Matthew J. Root (editors)**
- 1992 Bandelier Archaeological Project: Summer 1990 Excavations at Burnt Mesa Pueblo and Casa del Rito. Reports of Investigations No. 64. Department of Anthropology, Washington State University, Pullman.
- LaFree, Betty**
- 1975 Santa Clara Pottery Today. School of American Research Monograph Series No. 29. School of American Research and University of New Mexico Press, Albuquerque.
- Lambert, Marjory F.**
- 1967 Excavations at Twin Hills Site, Santa Fe County, New Mexico: A Preliminary Report of Research Conducted at LA 8866, Project 55.05, During June 6th-26th, 1967. Laboratory of Anthropology Research Note No. 45. Museum of New Mexico, Santa Fe.
- Lang, Richard W.**
- 1977 The Prehistoric Pueblo Cultural Sequence in the Northern Rio Grande. Paper presented at the 50th Pecos Conference, Pecos, NM.
- 1982 Transformation in White Ware Pottery of the Northern Rio Grande. In Southwestern Ceramics: A Comparative Review, edited by Albert H. Schroeder, pp. 153-200. Arizona Archaeologist No. 115, Phoenix.
- Lang, Richard W., and Cherie L. Schieck**
- 1989 Limited Excavations at LA 2, the Agua Fria Schoolhouse Site, Agua Fria Village, Santa Fe County, New Mexico. Research Series No. 216. Southwest Archaeological Consultants, Santa Fe.
- 1991 A Second Look at LA 2, the Agua Fria Schoolhouse Site: Recognition of a Coalition Phase Occupation. In Puebloan Past and Present: Papers in Honor of Stewart Peckham, edited by Meliha S. Duran and David T. Kirkpatrick, pp. 87-111. Papers of the Archaeological Society of New Mexico: 18. Archaeological Society of New Mexico, Albuquerque.
- Lange, Charles H.**
- 1944 Tiponi or Corn Goddess Symbols. American Antiquity 9(4):446-448.
- 1950a An Evaluation of Economic Factors in Cochiti Pueblo Culture Change. Unpublished Ph.D. dissertation, Department of Anthropology, University of New Mexico, Albuquerque.
- 1950b Notes on the Use of Turkeys by Pueblo Indians. El Palacio 57:204-209.
- 1951 Report on Anthropological Investigations in the Cochiti Region of New Mexico. Ms. on file, Department of Anthropology, Southern Illinois Uni-

- versity, Carbondale.
- 1952a Problems in Acculturation at Cochiti Pueblo, New Mexico. Texas Journal of Science 4:477-481.
- 1952b San Juan's Day at Cochiti Pueblo, New Mexico, 1894 and 1947. El Palacio 59:175-182.
- 1953a Culture Change as Revealed in Cochiti Pueblo Hunting Customs. Texas Journal of Science 5:178-184.
- 1953b The Role of Economics in Cochiti Pueblo Culture Change. American Anthropologist 55:674-694.
- 1957 Tablita, or Corn, Dances of the Rio Grande Pueblo Indians. Texas Journal of Science 9:59-74.
- 1958a The Keresan Component of Southwestern Pueblo Culture. Southwestern Journal of Anthropology 14:34-50.
- 1958b Recent Development in Culture Change at Cochiti Pueblo, New Mexico. Texas Journal of Science 10:399-404.
- 1959 Cochiti: A New Mexico Pueblo Past and Present. University of Texas Press, Austin.
- 1961 Cochiti Reservation--Ranchos de la Cañada--Bandelier National Monument: Check List of Catalog and Archeological Site Numbers. Ms. on file, Department of Anthropology, Southern Illinois University, Carbondale.
- 1968a The Cochiti Dam Archaeological Salvage Project. Laboratory of Anthropology Research Notes Nos. 91, 92, and 93. Museum of New Mexico, Santa Fe.
- 1968b (assembler) The Cochiti Dam Archaeological Salvage Project. Part I. Report on the 1963 Season. Museum of New Mexico Records No. 6. Museum of New Mexico, Santa Fe.
- 1980 Cochiti Pueblo and the Cochiti Land Development. Journal of Anthropology 2(1):22-47. Northern Illinois University, DeKalb.
- Lange, Charles H., and Carroll L. Riley**
- 1966 The Southwestern Journals of Adolph F. Bandelier, 1880-1882. University of New Mexico Press, Albuquerque.
- Lange, Charles H., and Carroll L. Riley, with the assistance of Elizabeth M. Lange**
- 1970 The Southwestern Journals of Adolph F. Bandelier, 1883-1884. University of New Mexico Press, Albuquerque.
- Lange, Charles H., Carroll L. Riley, and Elizabeth M. Lange**
- 1975 The Southwestern Journals of Adolph F. Bandelier, 1885-1888. University of New Mexico Press and School of American Research, Albuquerque and Santa Fe.
- 1984 The Southwestern Journals of Adolph F. Bandelier, 1889-1892. School of American Research and University of New Mexico Press, Santa Fe and Albuquerque.
- Larson, Beverly M.**
- 1986 Meteorological Tower, Frijoles Mesa,

- Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- 1987a Live Firing Range Extension, Sandia Canyon, Cultural Resources Survey Report, Lab. Job No. 8960-0. Los Alamos National Laboratory, Los Alamos.
- 1987b MPF-35 Relocation, TA-53, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- 1987c PCB Storage Facility, Septic Tank/Drain Field, TA-54, Area L, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- 1988a Dual-Axis Radiographic Hydrotest Facility (DARNT) Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- 1988b White Rock "Y" Water Main Relocation, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- 1991 Area G, TA-54, New Pits, Lab. Job No. 9989/11994, Survey No. 288, Cultural Resources Report. Los Alamos National Laboratory, Los Alamos.
- Larson, Beverly M., and Ellen D. McGehee**
- 1989 Utilities Restoration Phase I: Otowi Water Wells #1 and 4, Lab. Job No. 9417-0, Cultural Resources Report. Los Alamos National Laboratory, Los Alamos.
- 1991 New Facilities at Technical Areas (TAs) 52, 53, 63, and 66. Lab. Jobs Nos. 9422, 9797, 10428, and 11563, Surveys Nos. 453, 490, and 526, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- Larson, Thomas K., Dori M. Penny, Ross G. Helmar, and Paul H. Sanders**
- 1988 A Data Recovery Program for Sites within the Dome Unit, Santa Fe National Forest. Larson-Tebesar Associates, Laramie. Submitted to USDA Forest Service, Report No. 1982-10-011K, Santa Fe.
- Laumbach, Karl W., Toni Sudar-Murphy, Betty J. Naylor, and Shirley A. Rorex**
- 1977 Description of Five Sites in White Rock Canyon: LA 5013, LA 5014, LA 125-11, LA 12512, and LA 12522. In Archeological Investigations in Cochiti Reservoir, New Mexico, Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 29-79. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Lawrence, Robert, and Cheryl Muceus**
- 1983 Teamster's Nightmare Road Bypass: A Cultural Resource Survey. Report No. 1983-10-038. USDA Forest Service, Santa Fe.
- Leach, Melinda**
- n.d. Population Growth and Subsistence Change in the Northern-Middle Rio Grande Region of New Mexico. Ms. on file, Pajarito Archaeological Research Project, University of California at Los

Angeles, Los Angeles.

Lent, Stephen C., Mark E. Harlan, and Gale McPherson

- 1986 Preliminary Results of an Archeological Survey in the Jemez Mountains of New Mexico for the Public Service Company of New Mexico Ojo Line Extension Project. Public Service Company of New Mexico, Albuquerque.

Lent, Stephen C., and Randall Schalk

- 1977 An Archaeological Survey of a 13.5 Mile Power Line Right-of-way on Santa Clara Pueblo Lands and BLM Lands. Office of Contract Archeology, University of New Mexico, Albuquerque.

Lister, Robert H.

- 1939a Bandelier Ruins Stabilization (Long House). Southwestern Monuments Monthly Report, February, pp. 101-102; March, p. 187; April, pp. 271-272.
- 1939b Bandelier Ruins Stabilization (Otowi). Southwestern Monuments Monthly Reports April, pp. 271-272; May, pp. 358-359; November, p. 366. Coolidge.
- 1939c Stabilization of Long House, Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1939d Stabilization of Otowi, Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1940a Arrows Recovered from Long House Ruins, Bandelier National Monument. Southwestern Monuments Monthly Report, July Supplement, pp. 64-66. Coolidge.

- 1940b Otowi Artifacts. Southwestern Monuments Monthly Report, October Supplement, pp. 272-277. Coolidge.

- 1940c Stabilization of Cave Ruins, 1940, Bandelier National Monument. Ms. on file, Bandelier National Monument.

- 1940d Stabilization of Frijoles Cave Ruins, Bandelier National Monument. Ms. on file, Bandelier National Monument.

Lucas, Larry C.

- 1983 The Mesa Finale Site Prep Project Monitoring. Report No. 1983-10-31B. USDA Forest Service, Santa Fe.

Lummis, Charles F.

- 1915 Rito de los Frijoles. In Some Strange Corners of Our Country, by Charles F. Lummis, pp. 117-119. Century, New York. (Original published in 1892.)
- 1925 Wanderings of the Cochiti. In Land of Poco Tiempo, by Charles F. Lummis, pp. 146, 149, 135. Charles Scribner's Sons, New York. (Original published in 1893.)

MacHarg, J. B.

- 1926 The Lions of Cochiti. El Palacio 20(5):99-104.

Marriot, Alice

- 1948 Maria: The Potter of San Ildefonso. University of Oklahoma Press, Norman.

Mathien, Frances Joan

- 1986 Background Archeological Research, Bandelier Survey Project. Ms. on file, Bandelier National Monument and Branch of Cultural Research, National Park Service, Santa Fe.

1990 Three Months on the Jemez Plateau: An Account of Edgar Lee Hewett's 1905 Field Season. In Clues to the Past: Papers in Honor of William M. Sundt, edited by Meliha S. Duran and David T. Kirkpatrick, pp. 185-202. Papers of the Archaeological Society of New Mexico: 16. Archaeological Society of New Mexico, Albuquerque.

1991a Glimpses into the History of the 1908 Fieldwork at Yapashi, Bandelier National Monument. In Puebloan Past and Present: Papers in Honor of Stewart Peckham, edited by Meliha S. Duran and David T. Kirkpatrick, pp. 121-132. Papers of the Archaeological Society of New Mexico: 17. Archaeological Society of New Mexico, Albuquerque.

1991b Sylvanus G. Morley's 1908 Field Notes on Work at the Rito de los Frijoles. Ms. on file, Branch of Cultural Research, National Park Service, Santa Fe.

Maxon, James C.

1962 A Cave Kiva in Bandelier National Monument. Ms. on file, Bandelier National Monument.

1969 A Study of Two Prehistoric Pueblo Sites on the Pajarito Plateau of New Mexico. Unpublished Master's thesis, Department of Anthropology, University of Wisconsin, Madison.

McCrary, Oliver

1983 An Archaeological Survey along Forest Service Road 24, Tesuque Ranger District, Santa Fe National Forest, Santa Fe County, New Mexico. Report No. 105. School of American Re-

search, Santa Fe.

McGehee, Ellen D.

1988 Transmissometer Shelter Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.

1989 Advanced Analytical Chemistry Facility, Lab. Job No. 8079-46, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.

1992a Environmental Restoration Program, Operable Unit (OU) 1078, Cultural Resources Survey Report, Survey No. 531. Los Alamos National Laboratory, Los Alamos.

1992b Utility Restoration Phase II: Los Alamos Canyon Water Well and Lines, Lab. Job No. 9417. Los Alamos National Laboratory, Los Alamos.

McGehee, Ellen D., Timothy L. Binzen, Michael D. Hannaford, and Kari L. Munz

1992 Environmental Restoration Program, Operable Unit (OU) 1106, Cultural Resources Survey Report, Survey No. 531. Los Alamos National Laboratory, Los Alamos.

McGehee, Ellen D., and Beverly M. Larson

1988 Club 1663 Fitness Trail Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.

1989a Sandia Canyon Landfill Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.

1989b Sanitary Wastewater Consolidated System-Plant Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.

McGehee, Ellen D., and Kari L. Munz

1991 Seismic Hazards Investigations, Guaje Pines Area, Los Alamos County Survey No. 526, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.

McGehee, Ellen D., and Michael A. Schillaci

1992 Utility Restoration Phase II: Los Alamos Canyon Water Well and Lines, Lab. Job No. 9417, Survey No. 419, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.

McKean, S.

1988 Prehistoric Population in Northern New Mexico, A.D. 1200-1600. Unpublished Master's thesis proposal, Department of Anthropology, New Mexico State University, Las Cruces.

McKenna, Peter J.

1986 A Preliminary Assessment and Inventory of Lange's Cochiti Project and Bandelier Survey Collections. Ms. on file, Branch of Cultural Research, National Park Service, Santa Fe.

McKenna, Peter J., and Judy Miles

1989 Ceramic Manual for the Bandelier Archeological Survey. Ms. on file,

Bandelier National Monument.

McKenna, Peter J., and Robert P. Powers, with an appendix by Carl J. Phagen

1986 Preliminary Report on the 1985 Test Survey of Bandelier National Monument, New Mexico. Ms. on file, Branch of Cultural Research, National Park Service, Santa Fe.

McNutt, Charles H.

1969 Early Puebloan Occupations at Tesuque By-Pass and in the Upper Rio Grande Valley. Anthropological Paper No. 40. Museum of Anthropology, University of Michigan, Ann Arbor.

Mera, H. P.

1932 Wares Ancestral to Tewa Polychrome. Laboratory of Anthropology, Technical Series, Bulletin No. 4. Museum of New Mexico, Santa Fe.

1933 A Proposed Revision of the Rio Grande Glaze Paint Sequence. Laboratory of Anthropology, Archeological Survey, Technical Series, Bulletin No. 5. Museum of New Mexico, Santa Fe.

1934 A Survey of the Biscuit Ware Area, in Northern New Mexico. Laboratory of Anthropology, Technical Series, Bulletin No. 6. Museum of New Mexico, Santa Fe.

1935 Ceramic Clues to the Prehistory of North Central New Mexico. Laboratory of Anthropology, Archaeological Survey, Technical Series, Bulletin No. 8. Museum of New Mexico, Santa Fe.

1940 Population Change in the Rio Grande Glaze-Paint Area. Laboratory of Anthropology, Technical Series, Bulletin

No. 9. Museum of New Mexico, Santa Fe.

Miller, Jay

- 1975 Kokopelli. In Collected Papers in Honor of Florence Hawley Ellis, edited by Albert H. Schroeder, pp. 371-380. Papers of the Archaeological Society of New Mexico: 2. Hooper, Norman.

Montgomery, Arthur

- 1963 The Sources of the Fibrolite Axes. El Palacio 70(1-2):34-48.

Moonwalker, Tu

- 1983 Native American Uses of the Native Plants of Bandelier National Monument. Ms. on file, Bandelier National Monument.

Moore, Bruce M.

- 1972 Cañada de Cochiti Grant--Southern Illinois University. Ms. on file, Museum of New Mexico, Santa Fe.
- 1979 Pueblo Isolated Small Structure Sites. Unpublished Ph.D. dissertation, Department of Anthropology, Southern Illinois University, Carbondale.

Moore, James L.

- 1985 Cultural Resources Survey of the Mountain States Telephone and Telegraph Co. Cable Right-of-Way near La Bajada and Buckman. Office of Contract Archeology, University of New Mexico, Albuquerque.

Moore, James L., and Daisy F. Levine

- 1987 An Archaeological Survey of Pro-

posed Adjustments, Realignment to State Road 4, Santa Fe County, New Mexico. Laboratory of Anthropology Research Section Note No. 408. Museum of New Mexico, Santa Fe.

Moore, Roger A.

- 1986 The Santa Fe Forest Dome Unit Mitigation Project: Testing and Evaluation of Sites 03-1163, 03-1171, 03-1172, Santa Fe National Forest. Studies in Archaeology No. 4. Division of Conservation Archaeology, San Juan County Museum Association, Farmington.

Morain, Stanley A., Michael White, and Amelia Komarek

- 1978 Remote Detection of Culturally Disturbed Sites in Bandelier National Monument. Ms. on file, Bandelier National Monument.

Morley, Sylvanus G.

- 1910a The South House, Puye. Bulletin of the Southwest Society of the Archaeological Institute of America, Los Angeles.
- 1910b The South House, Puye. Out West 32:121-133. Los Angeles.
- 1910c The South House, Puye, New Mexico. Paper No. 7. School of American Archaeology, Santa Fe.
- 1938 The Rito de los Frijoles in the Spanish Archives. Appendix II in The Pajarito Plateau and Its Ancient People, by Edgar L. Hewett, pp. 149-154. University of New Mexico Press, Albuquerque.

Muceus, Cheryl L.

- 1984 Sawyer Timber Sale Monitoring. Re-

- port No. 1982-10-36E. USDA Forest Service, Santa Fe.
- Muceus, Cheryl L., and Michael L. Elliott**
- 1982 Reflagging of Sites on Sawyer Mesa Timber Sale. Report No. 1982-10-36. USDA Forest Service, Santa Fe.
- Museum of New Mexico**
- 1966 Rio Grande Glazes: Eighth Southwestern Ceramic Seminar. Ms. on file, Museum of New Mexico, Santa Fe.
- Neff, Loy C.**
- 1990 The Rock Art of Tsirege, New Mexico. Unpublished Master's thesis, Department of Anthropology, Wichita State University, Wichita.
- Nelson, Nels C.**
- 1913 Ruins of Prehistoric New Mexico: Extensive Excavations of Pueblos in the Rio Grande Valley. American Museum Journal 13:63-82.
- 1915 Ancient Cities of New Mexico. American Museum Journal 15:389-394.
- 1916 Chronology of the Tano Ruins, New Mexico. American Anthropologist 18(2):159-180.
- 1917 Archaeology of the Tano District, New Mexico. Proceedings of the 19th International Congress of Americanists, pp. 114-118. Washington, D.C.
- n.d.a Excavations at Koyiti, Pueblo Cañada and Kuapa. Field notes on file, Museum of New Mexico, Santa Fe.
- n.d.b Excavations at Los Aguajes. Field notes on file, Museum of New Mexico, Santa Fe.
- Nemaric, Juan Carlos**
- 1975 An Archeological Clearance Survey, San Ildefonso Sacred Land. Laboratory of Anthropology Research Note No. 302. Museum of New Mexico, Santa Fe.
- Newman, Jay R., and Roger L. Nielsen**
- 1985 Initial Notes on the X-Ray Fluorescence Sourcing of Northern New Mexico Obsidians. Journal of Field Archaeology 12:377-383.
- Odegaard, L. A.**
- 1984a Little Tesuque Timber Sale and Roads Cultural Resource Survey Report. Report No. 1984-10-36. USDA Forest Service, Santa Fe.
- 1984b Survey of Road Widening and Construction for the Tank Thirty Fuelwood Sale. Report No. 1984-10-56. USDA Forest Service, Santa Fe.
- 1984c Tank 30 Fuelwood Area Cultural Resource Survey Report. Report No. 1984-10-58. USDA Forest Service, Santa Fe.
- Olinger, Bart**
- 1987a Pottery Studies Using X-ray Fluorescence. Part 1. An Introduction: Nambe Pueblo as an Example. Pottery Southwest 14(1):1-5. Albuquerque Archaeological Society, Albuquerque.
- 1987b Pottery Studies Using X-ray Fluorescence. Part 2. Evidence for

- Prehistoric Reoccupation of the Pajarito Plateau. Pottery Southwest 14 (2):2-5. Albuquerque Archaeological Society, Albuquerque.
- 1988 Pottery Studies Using X-ray Fluorescence. Part 3. The Historic Pottery of the N. Tewa. Pottery Southwest 15(4):1-6. Albuquerque Archaeological Society, Albuquerque.
- 1991 Glaze-Decorated Pottery of Puye and Picuris Pueblo. In Puebloan Past and Present: Papers in Honor of Stewart Peckham, edited by Meliha S. Duran and David T. Kirkpatrick, pp. 133-139. Papers of the Archaeological Society of New Mexico: 17. Archaeological Society of New Mexico, Albuquerque.
- Onstott, Thomas B.**
- 1947 Report on the Stabilization of Tyuonyi Ruin. 1 vol. Ms. on file, Bandelier National Monument.
- 1948a Report on the Stabilization of Long House Ruin, Bandelier National Monument. Ms. on file, Bandelier National Monument.
- 1948b Stabilization Records, Bandelier National Monument, Large Kiva. Ms. on file, Bandelier National Monument.
- 1948c Stabilization Records for Bandelier National Monument, Tyuonyi Ruin, 1947-1948. 2 vols. Ms. on file, Bandelier National Monument.
- 1949 Archaeology, Geology, History, and Wildlife of Bandelier National Monument. USDI, National Park Service.
- 1952 Excavations at Tyuonyi, Bandelier National Monument, 1947-48. Southwestern Monuments Library, Western Archeological and Conservation Center, Tucson.
- Orcutt, Janet D.**
- 1981 Changing Settlement Locations on the Pajarito Plateau, New Mexico. Ph.D. dissertation, Department of Anthropology, University of California at Los Angeles, Los Angeles. University Microfilms, Ann Arbor.
- 1988 Changes in Settlement Organization on the Pajarito Plateau, New Mexico. Paper presented at the 53rd Annual Meeting of the Society for American Archaeology, Phoenix.
- 1990a The Bandelier Archeological Survey 1989 Preliminary Report. Branch of Cultural Research, National Park Service, Santa Fe. Submitted to Bandelier National Monument.
- 1990b Fieldhouses, Communities, and Land Use on the Pajarito Plateau. Paper presented at the 55th Annual Meeting of the Society for American Archaeology, Las Vegas.
- 1991a The Bandelier Archeological Survey 1990 Preliminary Report. Branch of Cultural Research, National Park Service, Santa Fe. Submitted to Bandelier National Monument.
- 1991b Environmental Variability and Settlement Changes on the Pajarito Plateau, New Mexico. American Antiquity 56(2):315-332.
- Orcutt, Janet D., and James N. Hill**
- 1981 Report on Archaeological Investiga-

tions in 1980, Pajarito Archaeological Research Project. Report No. 1981-10-26. USDA Forest Service, Santa Fe.

Orcutt, Janet D., and Robert P. Powers

- 1989 The Bandelier Archeological Survey 1988 Preliminary Report. Bandelier National Monument and Branch of Cultural Research, National Park Service, Santa Fe. Submitted to Bandelier National Monument.

Ortiz, Alfonso

- 1969 The Tewa World: Space, Time, Being and Becoming in a Pueblo Society. University of Chicago Press, Chicago.

Parsons, Elsie C.

- 1929 The Social Organization of the Tewa of New Mexico. Memoir No. 36. American Anthropological Association, Menasha, WI.
- 1932 The Kinship Nomenclature of the Pueblo Indians. American Anthropologist 34:377-389.
- 1939 Pueblo Indian Religion. 2 vols. University of Chicago Press, Chicago.
- 1940 Relations Between Ethnology and Archaeology in the Southwest. American Antiquity 5:214-220.

Peckham, Stewart L.

- 1966 Archaeological Salvage Excavations in the Vicinity of the Proposed Cochiti Dam: 1965 Season. Ms. on file, Museum of New Mexico, Santa Fe.
- 1979 When Is a Rio Grande Kiva? In Collected Papers in Honor of Bertha

Pauline Dutton, edited by Albert H. Schroeder, pp. 55-86. Papers of the Archaeological Society of New Mexico: 4. Albuquerque Archaeological Society Press, Albuquerque.

Peckham, Stewart L., and Susan L. Wells

- 1967 An Inventory of Archaeological Sites at and in the Vicinities of Bandelier National Monument and the Cochiti Dam and Reservoir, New Mexico. Report compiled for the National Park Service, Southwest Archeological Center, Santa Fe. Laboratory of Anthropology Note No. 80F. Museum of New Mexico, Santa Fe.

Perkins, Elaine

- n.d. Game Pits. Ms. on file, Los Alamos County Historical Museum, Los Alamos.

Plog, Fred

- 1978 The Keresan Bridge: An Ecological and Archaeological Analysis. In Social Archaeology: Beyond Subsistence and Dating, edited by Charles J. Redman, Mary J. Berman, E. B. Curtin, N. M. Versaggi, and J. L. Wagner, pp. 349-372. Academic Press, New York.

Poore, Anne V.

- 1981 Survey and Excavations at Pueblo Canyon Cliffs, Los Alamos, New Mexico. The Artifact 19:27-54. El Paso Archaeological Society, El Paso.

Powell, J. W.

- 1881 First Annual Report of the Bureau of Ethnology. In First Annual Report of

- the Bureau of Ethnology to the Secretary of the Smithsonian Institution in 1879-'80, by J. W. Powell, pp. xi-xxxiii. Government Printing Office, Washington, D.C.
- 1883 Second Annual Report of the Bureau of Ethnology. In Second Annual Report of the Bureau of Ethnology to the Secretary of the Smithsonian Institution in 1880-'81, by J. W. Powell, pp. xv-xxxvii. Government Printing Office, Washington, D.C.
- 1891 Report of the Director. Bureau of American Ethnology, Seventh Annual Report. Smithsonian Institution, Washington, D.C.
- Powers, Margaret A.**
- 1989 Power Line Extension in Sandia Canyon, Santa Fe County, New Mexico. Construction Work Order No. 9092-44, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- 1990 Communications Duct TA 46-TA 54, Lab. Job No. 10311, Cultural Resources Survey Report. Los Alamos National Laboratory, Los Alamos.
- Powers, Robert P.**
- 1988 Final Archeological Research Design for a Sample Inventory Survey of Bandelier National Monument. Ms. on file, Bandelier National Monument and Branch of Cultural Research, National Park Service, Santa Fe.
- Powers, Robert P., and Janet D. Orcutt**
- 1988 The Bandelier Archeological Survey 1987 Preliminary Report. Ms. on file,
- Branch of Cultural Research, National Park Service, Santa Fe.
- Preucel, Robert W.**
- 1981 An Ecological Approach to the Description of Prehistoric Settlement Pattern Diversity. Paper presented at the 54th Pecos Conference, Fort Burgwin, NM.
- 1982a Past Anthropological Research on the Pajarito Plateau, New Mexico. Chapter prepared for Prehistoric Stress Responses on the Pajarito Plateau, New Mexico. Volume 1: Background, Theory, Methods and Initial Results, edited by James N. Hill. In preparation.
- 1982b Settlement Pattern Succession on the Pajarito Plateau. Unpublished Master's paper, Archaeology Program, University of California at Los Angeles, Los Angeles.
- 1985a Preliminary Report of Pajarito Field House Project: 1985 Season. University of California at Los Angeles. Submitted to USDA Forest Service, Santa Fe National Forest, Southwest Division, Albuquerque.
- 1985b Settlement Pattern Succession on the Pajarito Plateau: Hudson's Model Revisited. Paper presented at the 50th Annual Meeting of the Society for American Archaeology, Denver.
- 1986a The Pajarito Field House Project. Archaeology at UCLA 2(19).
- 1986b Prehistoric Agricultural Land-Use on the Pajarito Plateau: A Consideration of the Field House Strategy. Paper presented at the 51st Annual Meeting

- of the Society for American Archaeology, New Orleans.
- 1986c Preliminary Report of the Pajarito Field House Project: 1986 Field Season. University of California at Los Angeles. Submitted to USDA Forest Service, Santa Fe National Forest, Southwest Division, Albuquerque.
- 1987a The Pajarito Field House Project: Preliminary Results. Paper presented at the 52nd Annual Meeting of the Society for American Archaeology, Toronto.
- 1987b Settlement Succession on the Pajarito Plateau, New Mexico. The Kiva 53(1):3-33.
- 1988 Seasonal Agricultural Circulation and Residual Mobility: A Prehistoric Example from the Pajarito Plateau, New Mexico. Ph.D. dissertation, Department of Anthropology, University of California at Los Angeles, Los Angeles. University Microfilms International, Ann Arbor.
- 1990 Seasonal Circulation and Dual Residence in the Pueblo Southwest: A Prehistoric Example from the Pajarito Plateau, New Mexico. Garland, New York.
- Preucel, Robert W., W. Nicholas Trierweiler, and Beverly M. Larson**
- 1986 Summary of Site Survey Data. In Prehistoric Responses to Food Stress on the Pajarito Plateau, New Mexico: Technical Report and Results of the Pajarito Archaeological Research Project, 1977-1985, by James N. Hill and W. Nicholas Trierweiler, pp. 80-
98. Submitted to National Science Foundation, Washington, D.C.
- Prince, L. Bradford**
- 1903 The Stone Lions of Cochiti. Publication No. 4. Historical Society of New Mexico, Santa Fe.
- 1904 The Stone Lions of Cochiti. Records of the Past 3:151-160. Smithsonian Institution, Washington, D.C.
- Raish, Carol**
- 1982 Los Utes Sale Area Site Intrusions, Cultural Resources Assessment Report, Jemez Ranger District, Santa Fe National Forest, Sandoval County, New Mexico. Report No. 1982-10-11L. USDA Forest Service, Santa Fe.
- 1990 Road 500 Cultural Resources Survey, Cultural Resources Report, Jemez Ranger District. Report No. 1990-10-10. USDA Forest Service, Santa Fe.
- 1991a An Archeological Survey of Bland Cemetery (AR-03-10-03-34) Site Intrusion, Cultural Resources Assessment Report, Jemez Ranger District, Santa Fe National Forest. Report No. 1991-10-12. USDA Forest Service, Santa Fe.
- 1991b Los Utes Timber Sale Damage Site-- Site AR-03-10-03-1692, Jemez Ranger District, Sandoval County, New Mexico. Report No. 1982-20-11M. USDA Forest Service, Santa Fe.
- 1991c Road Closures, Timber Harvest, and Meadow Management in the Dome Diversity Unit, Cultural Resources Report, Jemez Ranger District, Santa Fe

National Forest. Report No. 1991-10-50. USDA Forest Service, Santa Fe.

Raish, Carol, and Dennis Trujillo

- 1990 Trail 118, Cultural Resources Clearance Report, Jemez Ranger District. Report No. 1990-10-13. USDA Forest Service, Santa Fe.

Ramage, E. Ann

- 1977 An Agricultural Stratification of the Cochiti Study Area. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 283-294. Office of Contract Archeology, University of New Mexico, Albuquerque.

Reed, Erik K.

- 1949 Sources of Upper Rio Grande Culture and Population. El Palacio 56(6):163-184.
- 1950 Population Shifts in the Pre-Spanish Southwest. Texas Archaeological and Paleontological Society 21:90-96.
- 1951a Cultural Areas of the Pre-Spanish Southwest. New Mexico Quarterly 21(4):428-439.
- 1951b Turkeys in Southwestern Archaeology. El Palacio 58:195-205.
- 1954 Transition to History in the Pueblo Southwest. American Anthropologist 56:592-603.

Reed, Lori S.

- 1987 X-ray Diffraction Analysis of Glaze Painted Ceramics from the Northern Rio Grande Region, New Mexico: Implications of Glazeware Production and Exchange. Unpublished Master's thesis, Department of Anthropology, New Mexico State University, Las Cruces.

Reed, Paul Francis

- 1988 A Spatial Analysis of the Northern Rio Grande Region, New Mexico: Implications for Sociopolitical and Economic Development from A.D. 1325-1540. Unpublished Master's thesis, Department of Anthropology, New Mexico State University, Las Cruces.

Reiter, Paul

- 1934a Archeological Report. Southwestern Monuments Monthly Report, March, pp. 24-25. Coolidge.
- 1934b Final Report on the Archaeological Reconnaissance Party, Bandelier National Monument, New Mexico. Ms. on file, Bandelier National Monument.
- 1940 The Stone Lions of Cochiti and Zuni. Region III Quarterly 1.1. National Park Service, Santa Fe.
- 1949 Sources of Upper Rio Grande Pueblo Culture and Populations. El Palacio 56(6):163-184.

Renaud, E. B.

- 1938 The Snake Among the Petroglyphs

from North Central New Mexico. Southwestern Lore 4(3):42.

Revitte, Marian

- 1989 National Register Site Inspection Report FY 89 for Santa Fe National Forest, New Mexico. Report No. 1989-10-113. USDA Forest Service, Santa Fe.

Richert, Roland

- 1968 Rainbow House Field Report: Ruins Stabilization. Ms. on file, Bandelier National Monument.

Robbins, Wilfred W., John P. Harrington, and Barbara Freire-Marreco

- 1916 Ethnobotany of the Tewa Indians. Bureau of American Ethnology, Bulletin No. 55. Smithsonian Institution, Washington, D.C.

Robinson, William J., John W. Hannah, and Bruce G. Harrill

- 1972 Tree-Ring Dates from New Mexico I, O, U. Central Rio Grande Area. Laboratory of Tree-Ring Research, University of Arizona, Tucson.

Rodgers, James B., Linda J. Smith, and Marsha A. Moore

- 1981 Lithic Analysis of Site AR-03-10-08-422 for Santa Fe National Forest, New Mexico. Center for Anthropological Studies, Albuquerque.

Rogers, Alan, and W. J. Chasko, Jr.

- 1979 The Spatial Distribution of Archeological Sites: A Clue to Subsistence Behavior. In Archeological Investiga-

tions in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 283-294. Office of Contract Archeology, University of New Mexico, Albuquerque.

Rohn, Arthur H.

- 1989 The Rock Art of Bandelier National Monument. University of New Mexico Press, Albuquerque.

Ronald, C., and Jill E. Sall

- 1984 In Defense of Migration and Culture History Studies: The Chaco-Ancestral Keresan Cultural Continuum. Journal of Intermountain Archeology 3:53-71.

Rose, Martin R., William J. Robinson, and Jeffrey S. Dean

- 1982 Dendroclimatic Reconstruction for the Southeastern Colorado Plateau. Laboratory of Tree-Ring Research, University of Arizona, Tucson. Submitted to Division of Chaco Research, National Park Service, Albuquerque.

Rothman, H. K.

- 1989 Industrial Values and Marginal Land: Cultural and Environmental Change on the Pajarito Plateau. New Mexico Historical Review 64(2):185-211.

Rowlett, Ralph M., and Sissel Johannessen

- 1990 Appendix G. Thermoluminescence Response Interference from the La Mesa Fire, Bandelier National Monument. In The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural

Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 191-201. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Russell, Glenn S.

1980 The Shannon Diversity Index as a Measure of Intersite Activity Variability. Unpublished Master's thesis, Archaeology Program, University of California at Los Angeles, Los Angeles.

1981a Obsidian Hydration Dating on the Pajarito Plateau, New Mexico: A Regional Application Using Surface Collections. Ms. on file, Department of Anthropology, University of California at Los Angeles, Los Angeles.

1981b Preliminary Hydration Rates for the Polvadera Peak and Jemez Mountains Obsidian Sources, New Mexico. In Obsidian Dates III: A Compendium of the Obsidian Hydration Determination made at the UCLA Obsidian Hydration Laboratory, edited by Clement W. Meighan and Glenn S. Russell, pp. 142-145. Institute of Archaeology, University of California at Los Angeles, Los Angeles.

Schaafsma, Polly

1965 Kiva Murals from Pueblo del Encierro (LA 70). El Palacio 72(3):7-16.

1967 Rock Art in the Cochiti Reservoir

District. Laboratory of Anthropology Note No. 77. Museum of New Mexico, Santa Fe.

1971 Rio Grande Petroglyphs in the Cochiti Reservoir. Museum of New Mexico Papers in Anthropology No. 16. Museum of New Mexico, Santa Fe.

1972 Rock Art in New Mexico. New Mexico State Planning Office, Santa Fe.

Schaafsma, Polly, and Curtis F. Schaafsma

1974 Evidence for the Origin of the Pueblo Kachina Cult as Suggested by Southwestern Rock Art. American Antiquity 39(4):535-545.

Schmader, Matt

1991 County of Los Alamos Wastewater Facilities Plan Amendment and Environmental Information Document, Draft Amendment to EPA Grant No. C-35-1041-01-0. Rio Grande Consultants, Albuquerque.

Schroeder, Albert H.

1966 National Survey of Historic Sites and Buildings. Special Report on Puye Ruins, New Mexico. Ms. on file, National Park Service, Santa Fe.

1972 Rio Grande Ethnohistory. In New Perspectives on the Pueblos, edited by Alfonso Ortiz, pp. 41-70. School of American Research and University of New Mexico Press, Albuquerque.

1984 The Tewa Indians of the Rio Grande and Their Neighbors--A.D. 1450-1680. In New Mexico Geological So-

ciety Guidebook, 35th Field Conference, Rio Grande Rift: Northern New Mexico, edited by Baldrige W. Scott, Patricia Wood Dickerson, Robert E. Reicher, and Jiri Zidik, pp. 283-286. New Mexico Geological Society, Socorro.

Schutt, Jeanne A.

1977 Bone and Antler Analysis [Excavation of Twenty-Seven Sites in the Permanent Pool of Cochiti Reservoir]. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 101-109. Office of Contract Archeology, University of New Mexico, Albuquerque.

1979 Post-depositional Edge Damage on Lithic Artifacts: An Experiment in Screening and Laboratory Processing. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 355-381. Office of Contract Archeology, University of New Mexico, Albuquerque.

1984 Cultural Resources Survey of a Mountain States Telephone and Telegraph Co. Cable Right-of-Way near La Bajada and Buckman. Office of Contract Archeology, University of New Mexico, Albuquerque.

Scott, Linda J.

1982 Pollen Analysis of an Archaic Camp-

site (AR-03-10-08-422) in Los Alamos County, New Mexico. Report No.1978-10-31F. USDA Forest Service, Santa Fe.

1990 Appendix C. Pollen Analysis of Three Sites in the La Mesa Study Area. In The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 153-164. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Shepard, Anna O.

1942 Rio Grande Glaze Ware Paint: A Study Illustrating the Place of Ceramic Technology Analysis in Archaeological Research. Contributions to American Anthropology and History No. 39. Carnegie Institute of Washington Publication No. 528. Carnegie Institute of Washington, Washington, D.C.

1965 Rio Grande Glaze-Paint Pottery: A Test of Petrographic Analysis. In Ceramics and Man, edited by Frederick R. Matson, pp. 62-87. Viking Fund Publications in Anthropology No. 41. Aldine Press, Chicago.

Smiley, Terah L.

1952 A Summary of Tree-Ring Dates from Some Southwestern Sites. Laboratory of Tree-Ring Research Bulletin No. 5. University of Arizona Bulletin No. 22. Tucson.

Smiley, Terah L., Stanley A. Stubbs, and Bryant Bannister

- 1953 A Foundation for the Dating of Some Late Archeological Sites in the Northern Rio Grande Area, New Mexico, Based on Studies in Tree-Ring Methods and Pottery Analysis. Laboratory of Tree-Ring Research Bulletin No. 6. University of Arizona Bulletin 24(3). Tucson.

Smith, Landon D.

- 1978 An Archeological Survey of the El Pueblo Pipeline Extension 4. Report No. 1978-10-23. USDA Forest Service, Santa Fe.
- 1979 Cultural Resources Clearance Report, Resurvey: Sanchez-Balitas Timber Sale. Report No. 1979-10-31B. USDA Forest Service, Santa Fe.
- 1980 An Archeological Reinspection of Sites in Subdivision 6, Alamitos Timber Sale. Report No. 1980-10-101. USDA Forest Service, Santa Fe.
- 1981 An Archeological Inspection of Site AR-03-10-08-303. Report No. 1981-10-54B. USDA Forest Service, Santa Fe.
- 1982 The Mesa del Rito Site Preparation Project: A Cultural Resource Inventory. Report No. 1982-10-42. USDA Forest Service, Santa Fe.
- 1984a Alamitos T. S. Area Broadcast Burn. Report No. 1984-10-80. USDA Forest Service, Santa Fe.
- 1984b New Mexico National Guard Septem-

ber Maneuvers. Report No. 1984-10-72. USDA Forest Service, Santa Fe.

Smith, Landon D., and Ed Collins

- 1980 An Archeological Survey of the Alamitos Timber Sale Road 445 Survey. Report No. 1980-10-94. USDA Forest Service, Santa Fe.

Smith, Landon D., Edward W. Collins, and Michael Elliott

- 1981 An Archeological Reinspection of the Alamitos Timber Sale, U.S.D.A. Forest Service, Southwest Region, Santa Fe National Forest. Report 1981-10-43A. USDA Forest Service, Santa Fe.

Snead, J. E.

- 1991 Trails in the Eastern Anasazi Landscape: Data from the Pajarito Plateau. Paper presented at the 56th Annual Meeting of the Society for American Archaeology, New Orleans.

Snow, Cordelia Thomas

- 1979 The Evolution of a Frontier: An Historical Interpretation of Archeological Sites. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 217-234. Office of Contract Archeology, University of New Mexico, Albuquerque.

Snow, David H.

- 1970a An Inventory of Archeological Sites

- on Lands Leased by the California City Development Company, Cochiti Pueblo Grant, Sandoval County, New Mexico. Ms. on file, Museum of New Mexico, Santa Fe.
- 1970b An Inventory of Archeological Sites on Lands Leased by the Great Western United Corporation: 1970 Season. Laboratory of Anthropology Research Note No.80B. Museum of New Mexico, Santa Fe.
- 1971 Excavations at Cochiti Dam, New Mexico: 1964-1966 Seasons. Ms. on file, Museum of New Mexico, Santa Fe.
- 1972a A Report on the Impact of Cochiti Dam on the Archaeological Resources of the Cochiti Area, New Mexico. Laboratory of Anthropology Research Note No. 80E. Museum of New Mexico, Santa Fe.
- 1972b USDA Forest Service Recreation Survey. Ms. on file, Museum of New Mexico, Santa Fe.
- 1973a Cochiti Dam Salvage Project: Archeological Excavation at the Turreon Site, LA 6172, Cochiti Dam, New Mexico. Laboratory of Anthropology Research Note No. 76. Museum of New Mexico, Santa Fe.
- 1973b Cochiti Dam Salvage Project: Archeological Excavation of the Las Majadas Site, LA 591, Cochiti Dam, New Mexico. Laboratory of Anthropology Research Note No. 75. Museum of New Mexico, Santa Fe.
- 1973c Cochiti Dam Salvage Project: Archeological Investigations at LA 8720, Cochiti Dam, New Mexico. Laboratory of Anthropology Research Note No. 80. Museum of New Mexico, Santa Fe.
- 1973d A Preliminary Report of Archeological Survey: The Tetilla Peak Recreation Area Access Road , 1972-1973, Cochiti Dam, New Mexico. Ms. on file, Museum of New Mexico, Santa Fe.
- 1973e Some Economic Considerations of Historic Rio Grande Pueblo Pottery. In Changing Ways of Southwestern Indians: A Historic Perspective. El Corral de Santa Fe, Westerners Brand Book, edited by Albert H. Schroeder, pp. 55-72. Rio Grande Press, Glorieta.
- 1974 The Excavation of Saltbush Pueblo, Bandelier National Monument, New Mexico, 1971. Laboratory of Anthropology Research Note No. 97. Museum of New Mexico, Santa Fe.
- 1976 Archeological Excavations at Pueblo del Encierro, LA 70, Cochiti Dam Salvage Project, Cochiti, New Mexico: Final Report, 1964-1965 Field Sessions. Laboratory of Anthropology Research Note No. 98. Museum of New Mexico, Santa Fe.
- 1979 Artifacts from Pueblo del Encierro, LA 70, Cochiti Dam Salvage Project, Cochiti, New Mexico: Final Report, 1964-1965 Field Seasons. Laboratory of Anthropology Research Note No. 78. Museum of New Mexico, Santa Fe.
- 1982a Archeological Survey of Mortendad Canyon. Laboratory of Anthropology Research Note No. 362. Museum of New Mexico, Santa Fe.

- 1982b The Rio Grande Glaze, Matte-Paint, and Plainware Tradition. In Southwestern Ceramics: A Comparative Review, edited by Albert H. Schroeder, pp. 235-278. Arizona Archeologist No. 15. Phoenix.
- Spear, Laurence M.**
- 1979 The Applicability of Statistical Mapping as an Initial Step in the Spatial Analysis of Archeological Distributions. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 319-338. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Springer, Frank**
- 1910 The Field Session of the School of American Archeology. Science NS 32:622.
- Stallings, W. S.**
- 1933 A Tree Ring Chronology of the Rio Grande Drainage in Northern New Mexico. Proceedings of the National Academy of Sciences 19(9):803-806. Washington, D.C.
- 1937 Southwestern Dated Ruins I. Tree-Ring Bulletin 4(2). University of Arizona, Tucson.
- Starr, Frederick**
- 1899 A Study of the Census of the Pueblo of Cochiti. Davenport Academy of Science Proceedings 7:33-45.
- 1900 Shrines near Cochiti, New Mexico. American Antiquarian 22:4.
- Steen, Charlie R.**
- 1974 The Los Alamos Archeological Survey, Pajarito Plateau, New Mexico. In New Mexico Geological Society Guidebook, 25th Field Conference, Ghost Ranch, edited by Charles T. Siemers, with Lee A. Woodward and Jonathan F. Calendar, pp. 83-86. Silver Anniversary Guidebook. New Mexico Geological Society, Socorro.
- 1977 Pajarito Plateau: Archaeological Survey and Excavations. Los Alamos National Laboratory Report 6581. University of California at Los Angeles, Los Angeles.
- 1979 The Mortandad Style of Rock Art, Pajarito Plateau. In Collected Papers in Honor of Bertha Pauline Dutton, edited by Albert H. Schroeder, pp. 41-53. Papers of the Archaeological Society of New Mexico: 4. Albuquerque Archeological Society Press, Albuquerque.
- 1980a Prehistory of the Northern Plateau. Exploration 17-19. Annual Bulletin of the School of American Research, Santa Fe.
- 1980b The White Rock Sealed Pots. Pottery Southwest 7(1):2-5. Albuquerque Archeological Society, Albuquerque.
- 1982 Pajarito Plateau Archaeological Surveys and Excavations, II. Los Alamos. Los Alamos National Laboratory Report LA-8860-NERP.

Los Alamos National Laboratory, Los Alamos.

Steffen, A.

- 1990 Closure of Several Roads in the Sawyer Mesa and Alamo Timber Sale Areas, Cultural Resources Report, Jemez Ranger District, Santa Fe National Forest. Report No. 1990-10-84. USDA Forest Service, Santa Fe.

Stehli, Irene

- 1990 Appendix I. Radiocarbon Dates from Two Sites Burned by the La Mesa Fire. In The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 203-206. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Stein, John R., with revisions by David E. Stuart

- 1975 An Archeological Survey of the Tetilla Peak Recreation Area. In Archeological Reports, Cultural Resource Management Projects. Working Draft Series No. 2, edited by David E. Stuart, Mark E. Harlan, and John B. Broster, 1981, pp. 33-52. Office of Contract Archeology, University of New Mexico, Albuquerque.

Stephenson, Catherine D.

- 1983 Bland Cemetery Proposed Mapping Project. Report No. 1983-10-73A. USDA Forest Service, Santa Fe.

- 1985a Road Maintenance, Repair, and Reconstruction, Part I. Cultural Resources Survey. Report No. 1985-1040A. USDA Forest Service, Santa Fe.

- 1985b Road Maintenance and Repair, Part III. Cultural Resources Survey. Report No. 1985-10-40C. USDA Forest Service, Santa Fe.

- 1985c Road Maintenance, Repair, and Reconstruction, Part IV. Cultural Resources Survey. Report No. 1985-10-40D. USDA Forest Service, Santa Fe.

- 1986 Monitoring Road Maintenance 1985-10-40A-E. Report No. 1985-10-040A-E. USDA Forest Service, Santa Fe.

Stephenson, C. E.

- 1984 Mesa Finale Site Prep Monitoring. Report No. 1983-10-31D. USDA Forest Service, Santa Fe.

Stevenson, James

- 1883a Illustrated Catalog of the Collections Obtained from the Indians of New Mexico and Arizona in 1879. In Second Annual Report of the Bureau of American Ethnology to the Smithsonian Institution, 1880-81 by James W. Powell, pp. 307-336. Government Printing Office, Washington, D.C.

- 1883b Illustrated Catalogue of the Collections Obtained from the Indians of New Mexico and Arizona in 1880. Second Annual Report of the Bureau of American Ethnology, pp. 423-465. Government Printing Office, Washington, D.C.

- 1886 Ancient Habitations of the Southwest.

American Geographical Society Bulletin 18:329-342.

Stone, Tammy

- 1991 Review of Bandelier Archeological Excavation Project: Research Design and Summer 1988 Sampling, by Timothy A. Kohler. Report of Investigations No. 61. Department of Anthropology, Washington State University. Kiva 516(4):415-416.

Stuart, David E.

- 1989 The Magic of Bandelier. Ancient City Press, Santa Fe.

Stuart, David E., and Rory P. Gauthier

- 1981 Prehistoric New Mexico: Background for Survey. New Mexico State Planning Division, Santa Fe.

Stubbs, Stanley

- 1950 A Bird's-Eye View of the Pueblos. University of Oklahoma Press, Norman.

Stubbs, Stanley A., and W. S. Stallings, Jr.

- 1953 The Excavation of Pindi Pueblo, New Mexico. Monograph No. 18. Laboratory of Anthropology and School of American Research, Santa Fe.

Sudar-Murphy, Toni, and Karl W. Lumbach with Dabney A. Ford

- 1977 Analyses of Ceramic, Lithic, Bone and Flotation Materials [Excavations of Five Sites in White Rock Canyon]. In Archeological Investigations in Cochiti Reservoir, New Mexico.

Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 19-28. Office of Contract Archeology, University of New Mexico, Albuquerque.

Thompson, J. R.

- 1981a An Archaeological Survey of the Caja del Rio Fuelwood Road Rehabilitation, 1. Report No. 1981-10-17. USDA Forest Service, Santa Fe.
- 1981b An Archaeological Survey of the Chino Mesa Green Fuelwood Area, Caja del Rio. Report No. 1981-10-56. USDA Forest Service, Santa Fe.

Thompson, Ray

- 1982 Tank Eighteen Fuelwood Area Cultural Resources Survey on the Caja del Rio. Report No. 1982-10-24. USDA Forest Service, Santa Fe.

Tichy, Marjorie F.

- 1941 Six Game Pieces from Otowi. El Palacio 48(1):1-6.
- 1946 Pun-ku: Kiva Ringing Stones. El Palacio 53(1):42-43.
- 1947a A Ceremonial Deposit from the Pajarito Plateau. El Palacio 54(10):227-237.
- 1947b A Painted Ceremonial Room at Otowi. El Palacio 54(3):59-69.
- 1947c Review of Frijoles: A Hidden Valley in the New World, by Jerome W. Hendron. El Palacio 54(1):19-21.

Tierney, Gail D.

- 1979 Native Edible Plant Resources near Cochiti Reservoir, New Mexico. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 21-45. Office of Contract Archeology, University of New Mexico, Albuquerque.

Toll, H. Wolcott

- 1986 Preliminary Report of Bandelier Civate Structure Recording. Ms. on file, Branch of Cultural Research, National Park Service, Santa Fe.

Toll, H. Wolcott, with contributions by Peter J. McKenna and June Crowder

- 1988 Cavates: History, Recording Procedure, Condition, Features, Form, and Function of a Sample from Bandelier National Monument. Ms. on file, Branch of Cultural Research, National Park Service, Santa Fe.

Trager, George L.

- 1967 The Tanoan Settlement of the Rio Grande Area: A Possible Chronology. In Studies in Southwestern Ethnolinguistics: Meaning and History in the Languages of the American Southwest, edited by D. C. Hymes with W. E. Bittle. Mouton & Cie, Paris.

Trask, Lance K.

- 1991 Ancient Billboards Project--Paliza. Report No. 1991-10-49. USDA Forest Service, Santa Fe, and Maxwell

Museum of Anthropology, University of New Mexico, Albuquerque.

- 1992 Ancient Billboards: The Rock Art of the Lower Jemez Mountains, Santa Fe National Forest, Jemez Ranger District. Report on file, Santa Fe National Forest, Santa Fe, and Maxwell Museum of Anthropology, University of New Mexico, Albuquerque.

Traylor, Diane

- 1969 Stabilization Report, LA 12119 "Kiva House," Bandelier National Monument, New Mexico. Ms. on file, Bandelier National Monument.
- 1984 Effects of La Mesa Fire on Bandelier's Cultural Resources. In La Mesa Fire Symposium, Los Alamos, New Mexico, October 6 and 7, 1981, compiled by Teralene S. Foxx, pp. 97-102. Los Alamos National Laboratory Report LA-9236-NERP. Los Alamos National Laboratory, Los Alamos.

Traylor, Diane, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler

- 1990 The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Trembour, Fred W.

- 1990 Appendix F. A Hydration Study of Obsidian Artifacts, Burnt vs. Unburnt,

by the La Mesa Forest Fire. In The 1977 La Mesa Fire Study: An Investigation of Fire and Fire Suppression Impact on Cultural Resources in Bandelier National Monument, by Diane Traylor, Lyndi Hubbell, Nancy Wood, and Barbara Fiedler, pp. 174-190. Southwest Cultural Resources Center Professional Paper No. 28. Branch of Cultural Resources Management, Division of Anthropology, National Park Service, Santa Fe.

Trierweiler, W. Nicholas

1978 Accurate and Replicable Site Boundaries: An Explicit Approach. Unpublished Master's thesis, Department of Anthropology, University of California at Los Angeles, Los Angeles.

1987 The Marginal Cost of Production in Subsistence Economics: An Archaeological Test. Ph.D. dissertation, University of California, Los Angeles, Los Angeles. University Microfilms, Ann Arbor.

1990 Prehistoric Tewa Economy: Modeling Subsistence Production on the Pajarito Plateau. Garland, New York.

Trierweiler, W. Nicholas, Janet D. Orcutt, and James N. Hill

1979 Report on Archaeological Investigations Done in 1978 on the Santa Fe National Forest by the Pajarito Archaeological Research Project. Report No. 1979-10-4. USDA Forest Service, Santa Fe.

Turney, John Francis

1948 Analysis of Material Taken from a Section of Group M of the Cliffs,

Frijoles Canyon, Bandelier National Monument, New Mexico. Unpublished Master's thesis, Department of Anthropology, Adams State College, Alamosa.

1950 Stabilization Records, Bandelier National Monument, Large Kiva and Teyonyi. Ms. on file, Bandelier National Monument.

1955 Archeological Survey of the Otowi Section, Bandelier National Monument. Ms. on file, Bandelier National Monument.

1962 Bandelier Survey. Ms. on file, Bandelier National Monument.

Turney, William F.

1985 Prehistoric Water Reservoirs--The Southwest. In Southwestern Culture History: The Collected Papers in Honor of Albert H. Schroeder, edited by Charles H. Lange, pp. 43-57. Papers of the Archaeological Society of New Mexico: 10. Ancient City Press, Santa Fe.

Ungnade, Herbert E.

1963 Archaeological Finds in the Sangre de Cristo Mountains of New Mexico. El Palacio 70(4):15-20.

VanCamp, Cathy

1985 Española Broadcast Burn: A Cultural Resources Report, Española Ranger District, Santa Fe National Forest, Los Alamos County, New Mexico. Report 1985-10-107. USDA Forest Service, Santa Fe.

1986a Forest Road 2550 Periodic Mainte-

- nance, Cultural Resources Report. Report No. 1986-10-25. USDA Forest Service, Santa Fe.
- 1986b Maintenance of Two Los Alamos Fuel-breaks, A Cultural Resources Survey, Española Ranger District, Santa Fe National Forest. Report No. 1986-10-4. USDA Forest Service, Santa Fe.
- 1986c Tank 30A Green Piñon/Juniper Sale: A Cultural Resources Report, Española Ranger District, Santa Fe National Forest. Report No. 1986-10-36. USDA Forest Service, Santa Fe.
- VanCamp, Cathy, and Michael L. Elliott**
- 1985 Tank 30A Fuelwood Sale, Cultural Resources Inventory. Report No. 1985-10-57. USDA Forest Service, Santa Fe.
- Vierra, Bradley J.**
- 1980a An Archeological Survey of the Alamo Timber Sale, Tesuque Ranger District, Santa Fe National Forest. Report No. 1980-10-38. USDA Forest Service, Santa Fe.
- 1980b An Archeological Survey of the Area Surrounding Site AR-03-10-06-753. Report No. 1980-10-55. USDA Forest Service, Santa Fe.
- 1980c An Archeological Survey of the Ballitas Timber Sale. Report No. 1980-10-51. USDA Forest Service, Santa Fe.
- 1980d An Archeological Survey of the Capulin Timber Sale, Tesuque Ranger District, Santa Fe National Forest. Report No. 1980-10-40. USDA Forest Service, Santa Fe.
- 1980e An Archeological Survey of the Dome Road Salvage Timber Sale, Tesuque Ranger District, Santa Fe National Forest. Report No. 1980-10-41. USDA Forest Service, Santa Fe.
- 1980f An Archeological Survey of the Los Utes Timber Sale, Tesuque Ranger District, Santa Fe National Forest. Report No. 1980-10-39. USDA Forest Service, Santa Fe.
- 1980g An Archeological Survey of the Sanchez Timber Sale. Report No. 1980-10-53. USDA Forest Service, Santa Fe.
- 1980h An Archeological Survey of the Sawyer Mesa Timber Sale, Tesuque Ranger District, Santa Fe National Forest. Report No. 1980-10-37. USDA Forest Service, Santa Fe.
- Viklund, Lonyta R.**
- 1987 The Pajarito and Caja del Rio Plateaus, Green Piñon Cultural Resources Surveys, Santa Fe National Forest,

- Española Ranger District. Report No. 191. Southwest Archeological Consultants, Santa Fe.
- Vint, James M.**
- 1992 Electron Microprobe Analysis of Agua Fria Glaze-on-red Ceramics from Bandelier National Monument, New Mexico. Unpublished Master's thesis, Department of Anthropology, Northern Arizona University, Flagstaff.
- Vivian, R. Gordon**
- 1932 A Re-Study of the Provenance of Tiguex. Unpublished Master's thesis, Department of Anthropology, University of New Mexico, Albuquerque.
- Walsh, Michael R.**
- n.d. From Sherds to Pots: Deriving the Volumes of Broken Vessels. Ms. in possession of author.
- Walsh, Michael R., James N. Hill, and Landon D. Smith**
- 1979 An Archeological Survey of the Valle Timber Sale, Santa Fe National Forest. Report No. 1978-10-31. USDA Forest Service, Santa Fe.
- Walsh, Michael R., Janet D. Orcutt, and James N. Hill**
- 1978 Preliminary Report on the 1977-78 Pajarito Archaeological Research Project: An Archeological Survey in the Santa Fe National Forest. University of California at Los Angeles. Submitted to USDA Forest Service, Report No. 78-10-2, Santa Fe.
- Walter, Katherine A.**
- 1987 Protection Plan for Tent Rocks. Draft ms. on file, Bandelier National Monument.
- Walter, Paul A. F.**
- 1915 Peña Blanca and the Early Inhabitants of the Santa Fe Valley. El Palacio 3(1):17-41.
- Warren, A. Helene**
- 1966 Petrographic Notes on Lithic Materials in the Cochiti Area, New Mexico. Laboratory of Anthropology Research Notes Nos. 91-93. Museum of New Mexico, Santa Fe.
- 1967 The Pottery of the Torreon Site, Cochiti Dam, New Mexico. Laboratory of Anthropology Research Note No. 76A. Museum of New Mexico, Santa Fe.
- 1968 Petrographic Notes on Glaze-Paint Pottery. In The Cochiti Dam Archaeological Salvage Project. Part I. Report on the 1963 Season, assembled by Charles H. Lange, pp. 184-197. Museum of New Mexico Research Records No. 6. Museum of New Mexico, Santa Fe.
- 1969 Notes on the Geology of the Twin Hills Site, Santa Fe County, New Mexico. Laboratory of Anthropology Research Note No. 46. Museum of New Mexico, Santa Fe.
- 1970 Notes on Manufacture and Trade of Rio Grande Glazes. The Artifact 8(4):1-8. El Paso Archaeological Society, El Paso.
- 1973 New Dimensions in the Study of Prehistoric Pottery: A Preliminary Report Relating to the Excavations at Cochiti Dam, 1964-1966, by the Museum of

- New Mexico. Laboratory of Anthropology Research Note No. 90. Museum of New Mexico, Santa Fe.
- 1974a The Ancient Mineral Industries of Cerro Pedernal, Rio Arriba County, New Mexico. In New Mexico Geological Society Guidebook, 25th Field Conference, edited by Charles T. Siemers, with Lee A. Woodward and Jonathan F. Calendar, pp. 87-93. Silver Anniversary Guidebook. New Mexico Geological Society, Socorro.
- 1974b Notes on Santa Fe Black-on-white. Pottery Southwest 1(2):5-6. Albuquerque Archaeological Society, Albuquerque.
- 1974c The Pottery and Mineral Resources of Pueblo del Encierro and the Cochiti Area. Laboratory of Anthropology Research Note No. 98. Museum of New Mexico, Santa Fe.
- 1977a Early Redwares of the Middle Rio Grande Valley. Pottery Southwest 4(2):7. Albuquerque Archaeological Society, Albuquerque.
- 1977b Eighteenth Century Historic Pottery of the Cochiti District. Pottery Southwest 4(1):2-3. Albuquerque Archaeological Society, Albuquerque.
- 1977c Geology and Prehistoric Mineral Resources, White Rock Canyon, Sandoval County, New Mexico. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 1. A Survey of Regional Variability, edited by Jan V. Biella and Richard C. Chapman, pp. 15-30. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1977d New Dimensions in the Study of Prehistoric Pottery. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavations and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 363-374. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1977e Prehistoric and Historic Ceramic Analysis [Excavation of Twenty-Seven Sites in the Permanent Pool of Cochiti Reservoir]. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 2. Excavation and Analysis, 1975 Season, edited by Richard C. Chapman and Jan V. Biella, with Stanley D. Bussey, pp. 97-100. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979a Ceramic Studies in Cochiti Reservoir, 1976-1977. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 3. 1976-1977 Field Seasons, edited by Jan V. Biella, pp. 27-39. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979b Geological and Mineral Resources of the Cochiti Reservoir Area. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 47-58. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 1979c The Glaze Paint Wares of the Upper Middle Rio Grande. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and

Richard C. Chapman, pp. 187-216. Office of Contract Archeology, University of New Mexico, Albuquerque.

- 1979d Historic Pottery of the Cochiti Reservoir Area. In Archeological Investigations in Cochiti Reservoir, New Mexico. Volume 4. Adaptive Change in the Northern Rio Grande Valley, edited by Jan V. Biella and Richard C. Chapman, pp. 235-245. Office of Contract Archeology, University of New Mexico, Albuquerque.

- 1981 The Micaceous Pottery of the Rio Grande. In Collected Papers in Honor of Erik Kellerman Reed, edited by Albert H. Schroeder, pp. 149-165. Papers of the Archaeological Society of New Mexico: 6. Albuquerque Archaeological Society Press, Albuquerque.

- n.d. Notes on Ceramic Temper Analysis for Saltbush Pueblo. Ms. on file, Museum of New Mexico, Laboratory of Anthropology, Santa Fe.

Wellman, Klaus F.

- 1970 Kokopelli of Indian Paleology. Journal of the American Medical Association 212:1678-1682.

Wendorf, Fred

- 1954 A Reconstruction of Northern Rio Grande Prehistory. American Anthropologist 56:200-227.

Wendorf, Fred, and John P. Miller

- 1959 Artifacts from High Mountain Sites in the Sangre de Cristo Range, New Mexico. El Palacio 66(2):37-52.

Wendorf, Fred, and Erik K. Reed

- 1955 An Alternative Reconstruction of Northern Rio Grande Prehistory. El Palacio 62(5-6):131-173.

West, George G.

- 1971 Archeological Resources Management Plan for Bandelier National Monument. National Park Service, Santa Fe.

Wetterstrom, Wilma E.

- 1976 The Effects of Nutrition on Population Size at Pueblo Arroyo Hondo, New Mexico. Unpublished Ph.D. dissertation, Department of Anthropology, University of Michigan, Ann Arbor.

- 1986 Food, Diet, and Population at Prehistoric Arroyo Hondo Pueblo, New Mexico. Arroyo Hondo Series. School of American Research Press, Santa Fe.

Whatley, William J.

- 1990 The A.R.E. Dome Diversity Unit Cultural Resources Inventory Located in the Jemez Ranger District, Santa Fe National Forest, Sandoval County, North-Central New Mexico. Report No. 21. Archaeological Research and Exploration, Albuquerque.

White, Joseph Courtney

- 1992 In the Land of the Delight Makers: An Archaeological Survey in the American West. University of Utah Press, Salt Lake City.

White, Leslie A.

- 1930 A Comparative Study of Keresan Medi-

cine Societies. 23rd International Congress of Americanists, Proceedings for 1928, pp. 604-619. New York.

- 1943 Punche: Tobacco in New Mexico History. New Mexico Historical Review 18:386-393.
- 1944 Notes on the Ethnobotany of the Keres. Papers of the Michigan Academy of Science, Arts and Letters 30:557-568.

Whitman, William

- 1940 The San Ildefonso of New Mexico. In Acculturation of Seven American Tribes, edited by Ralph Linton, pp. 390-462. D. Appleton-Century, New York.
- 1947 The Pueblo Indians of San Ildefonso: A Changing Culture. Columbia University Press, New York.

Wilson, Lucy L. W.

- 1916a Excavations at Otowi, New Mexico. El Palacio 3(2):28-36.
- 1916b A Prehistoric Anthropomorphic Figure from the Rio Grande Basin. American Anthropologist 18:548-551.
- 1917 This Year's Work at Otowi. El Palacio 4(4):87.
- 1918a Hand Sign or Awanyu. American Anthropologist 20:310-317.
- 1918b Three Years at Otowi. El Palacio 5(18):290-295.

Winner, Daniel E.

- 1976a An Archeological Survey of the Alamos Timber Sale, Española Ranger District, Santa Fe National Forest,

New Mexico. Report No. 1976-10-3. USDA Forest Service, Santa Fe.

- 1976b An Archeological Survey of the Oso Well Inlet Pipeline and Primary Transmission Line, Española Ranger District, Santa Fe National Forest. Report No. 1976-10-9. USDA Forest Service, Santa Fe.
- 1978 A Preliminary Non-Statistical Sample Survey of the Proposed Barrancas Canyon Base for Exchange Area. Report No. 1978-10-5. USDA Forest Service, Santa Fe.

Winter, Joseph C.

- 1980 Letter to Landon D. Smith Regarding Survey along Proposed Baca Geothermal 115 KV Transmission Line. Report No. 1980-10-57. USDA Forest Service, Santa Fe.
- 1981 Letter to Wm. Woodard of Keradamex Inc. Report No. 1981-10-57A. USDA Forest Service, Santa Fe.

Wiseman, Regge N.

- 1977 A Cultural Resources Clearance Investigation of the Proposed Buckman Wells Project, Santa Fe County, New Mexico. Report No. 1977-10-17A. USDA Forest Service, Santa Fe.
- 1978 Final Report of the Buckman Project: Archeological Monitoring and Recording along the Public Service Company of New Mexico's Water Pipeline at Buckman West of Santa Fe, New Mexico. Report No. 1977-10-17C. USDA Forest Service, Santa Fe.
- 1983 A Cultural Resources Clearance Inventory of the Proposed Buckman Wells

- Project, Santa Fe County, New Mexico. Laboratory of Anthropology Research Note No. 335A. Museum of New Mexico, Santa Fe.
- 1987 Archaeological Survey at the White Rock Y. Laboratory of Anthropology Research Note No. 398. Museum of New Mexico, Santa Fe.
- Wissler, Clark**
- 1915 Explorations in the Southwest by the American Museum. American Museum Journal 15(8):395-398.
- Wittfogel, Karl, and Esther Goldfrank**
- 1943 Some Aspects of Pueblo Mythology and Society. Journal of American Folklore 56:17-30.
- Wobbenhorst, Jan, John Hunter, and W. McKibben**
- 1978 Bandelier National Monument: Ceramic Collections. Pottery Southwest 5(2):7-8. Albuquerque Archaeological Society, Albuquerque.
- Wohlberg, Margaret**
- 1976 A Los Alamos Reader, 1200 A.D. to Today. Los Alamos Historical Society, Los Alamos.
- Wolfman, Daniel, and Adisa Willmer**
- 1991 Jemez Mountains Chronology Interim Report. Office of Archaeological Studies, Museum of New Mexico, Santa Fe.
- Worman, Frederick C. V.**
- 1949 A Preliminary Report of the Adams State College 1948 Field Session in Archeology. Adams State College, Alamosa. Submitted to Bandelier National Monument.
- 1950 Report of the Adams State College 1949 Field Session in Archeology. Adams State College, Alamosa. Submitted to Bandelier National Monument.
- 1953 A Report on a Cache of Obsidian Artifacts from the Pajarito Plateau. El Palacio 60(1):12-15.
- 1959 1957 Archaeological Salvage Excavations at Los Alamos, New Mexico: A Preliminary Report. El Palacio 66(1):10-15.
- 1967 Archeological Salvage Excavations on the Mesita del Buey, Los Alamos County, New Mexico. Los Alamos Scientific Laboratory Report LA 3636. Los Alamos National Laboratory, Los Alamos.
- Worman, Frederick C. V., and Charlie R. Steen**
- 1978 Excavations on Mesita de los Alamos, Los Alamos County, New Mexico. Los Alamos National Laboratory Report LA-7043-MS. Los Alamos National Laboratory, Los Alamos.
- Yarnell, Richard A.**
- 1958 Implications of Pueblo Ruins on Plant Habitats. Unpublished Master's thesis, Department of Anthropology, University of New Mexico, Albuquerque.
- 1965 Implications of Distinctive Flora on

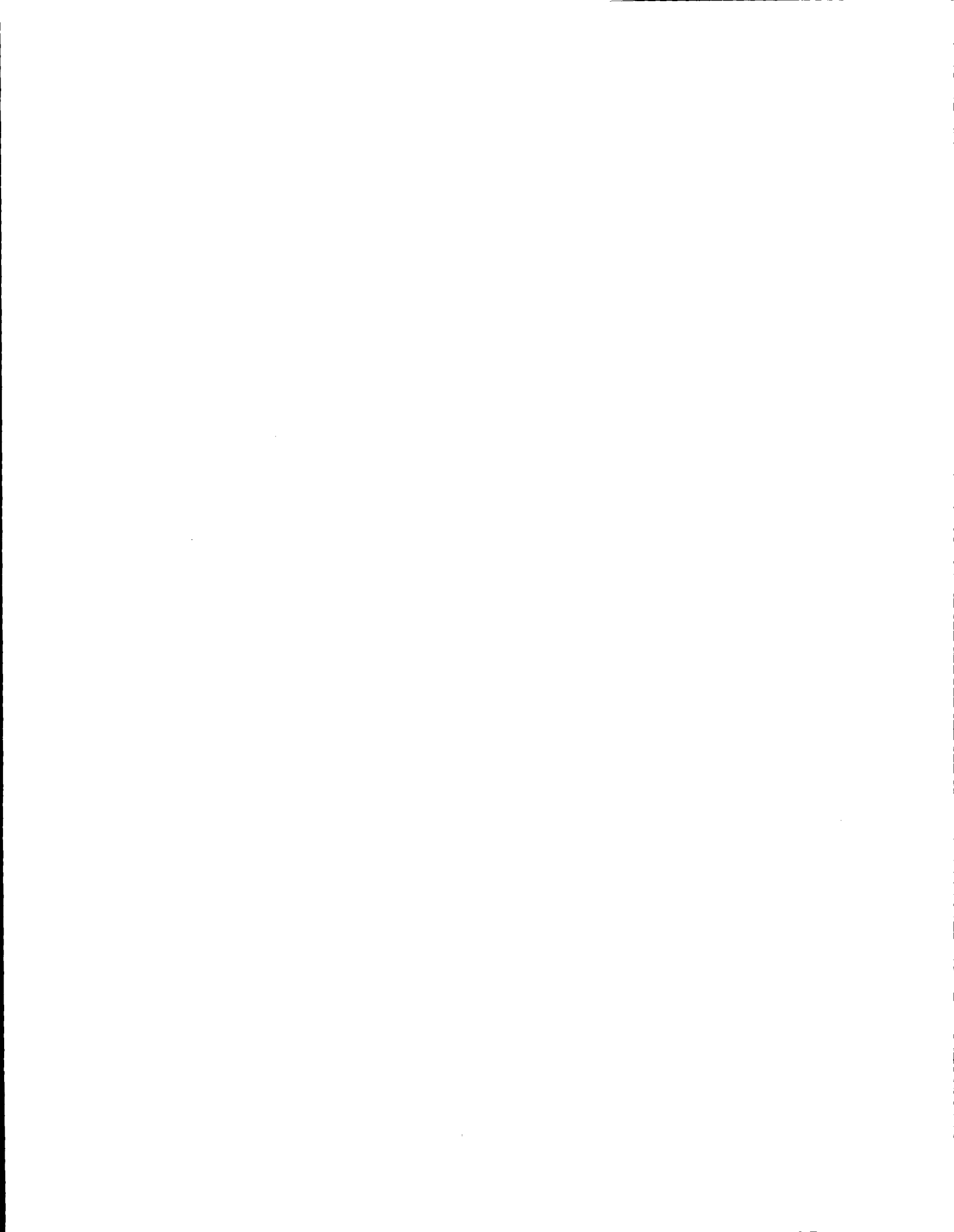
Pueblo Ruins. American Anthropologist 67:660-674.

Young, Dwight S.

1954a Dendrochronology. In Preliminary Report of Excavation of Fulton Site

190, Pajarito Plateau, by Patricia Fretwell. Ms. on file, Museum of New Mexico, Santa Fe.

1954b Yearly Report on LA 170 Cave Site. Ms. on file, Laboratory of Anthropology, Museum of New Mexico, Santa Fe.



Other References

- Albes, Edward**
- 1914 Adolph F. A. Bandelier. Pan American Union Bulletin 38(6):831-838.
- Altherr, Thomas L.**
- 1985 The Pajarito or Cliff Dwellers' National Park Proposal, 1900-1920. New Mexico Historical Review 60(3):271-294.
- Anonymous**
- 1900 An Ancient Stone City Discovered in New Mexico. Scientific American 83:92.
- 1916a The Bandelier National Monument. Pan American Union Bulletin 42:461-464.
- 1916b Rito de los Frijoles, New Mexico, Proposed National Monument. American Scenic and Historical Preservation Society, 21st Annual Report, pp. 398-399.
- 1917 Bandelier National Monument. American Scenic and Historical Preservation Society, 22nd Annual Report, p. 365.
- 1918a [In the Field] Camp at Otowi. El Palacio 5(21):350.
- 1918b The National Monuments of New Mexico: The Bandelier National Monument. El Palacio 5:(12):193-203.
- 1919 Trail to Rito Falls. El Palacio 6 (13):214.
- 1920a America's First Community House. El Palacio 8(7-8):202.
- 1920b To the Bandelier National Monument. El Palacio 8(5-6):114-121.
- 1923 In the Land of the Ancient Cliff Dweller: Bandelier National Monument, Santa Fe National Forest, New Mexico. USDA Miscellaneous Circular 5. Government Printing Office, Washington, D.C.
- 1925a Bandelier National Monument. American Scenic and Historical Preservation Society, 30th Annual Report, p. 154.
- 1925b National Parks Commission. El Palacio 19(6):137-139.
- 1925c Report on Pajarito Park. El Palacio 19(10):222-223.
- 1927a Board Session at Puye. El Palacio 23(2):35-36.
- 1927b In Charge of Puye Field Museum. El Palacio 22(16-17):394-395.
- 1927c Museum at Puye. El Palacio 22 (4):96.
- 1928 Puye Field Museum. El Palacio 24(23)L:458.

118 PAJARITO BIBLIOGRAPHY

1941 Monthly Report of the Superintendent of Bandelier National Monument. Ms. on file, Bandelier National Monument.

1964 The Trail to Frijoles Ruins. Southwestern Monuments Association, Globe, AZ.

1967 Los Alamos, 1943-1954: The Beginning of an Era. Los Alamos Scientific Laboratory, Los Alamos.

1973 Historic Ruins Have Priority. The Atom 10(8):1-4. Los Alamos National Laboratory, Los Alamos.

Austin, Mary

1924 The Land of Journey's Ending. Century, New York and London.

Bandelier, Adolph F.

1890 The Delight Makers. Dodd, Meade, New York. Reissued in 1942.

Barnes, W. C.

1921 The Bandelier National Monument. American Forestry 27:563-574.

Bartlett, A. Eugene

1925 Least Known America. Revell, New York.

Boniface, Marjorie G.

1923 El Rito del os Frijoles. Overland

Monthly, 2nd series, 80:12-14.

Calvin, Ross

1934 Bandelier National Monument. In The Sky Determines, by Ross Calvin, pp. 125-132. Macmillan, New York.

Cameron, John J.

n.d. The Proposed Cliff Cities or Pajarito National Park. Ms. on file, Bandelier National Monument.

Chapin, F. H.

1892 The Land of the Cliff Dwellers. W. B. Clark, Boston.

Chauvenet, Beatrice

1983 Hewett and Friends: A Biography of Santa Fe's Vibrant Era. Museum of New Mexico Press, Santa Fe.

Church, F. S., and P. P. Church

1974 When Los Alamos Was a Ranch School. Sleeping Fox Enterprises, Los Alamos Historical Society, Santa Fe.

Church, Peggy P.

1936 Familiar Journeys. Writer's Edition, Santa Fe.

1959 The House at Otowi Bridge. University of New Mexico Press, Albuquerque.

Crawford, Robert P.

- 1925 America's Mystery Land. Mentor 13(1):14.

D'Emery, Charles

- 1919 Lost City. Scientific American, supplement 87:216-217.

Dixon, Winifred H.

- 1930 El Rito de los Frijoles, Bandelier National Monument. In Westward Hoboes, by Winifred H. Dixon, pp. 181-184. Charles Scribner's Sons, New York.

Dunn, Hedy

- 1979 Historical Talk on Los Alamos Area. Tape on file, Los Alamos Historical Society and Bandelier National Monument.

Dutton, Bertha P.

- 1952 Highlights of the Jemez Region. El Palacio 59(5):131-158.

Ellis, Florence H.

- 1975 Bandelier's Generation: Then, Now and In Between. Albuquerque Archaeological Society, Albuquerque.

Enock, C. Reginald

- 1912 The Cliff Dwellers. In The Secret of the Pacific, by C. Reginald Enock, pp. 77-92. Scribner's, New York.

Estabrook, Emma F.

- 1931 Pueblo Law Maker. In Givers of

Life, by Emma F. Estabrook, pp. 55-70. University of New Mexico Press, Albuquerque.

Everitt, Charles P.

- 1942 The Unpublished Letters of Adolph F. Bandelier, with an introduction by Paul Radin. Carl Hertzog, El Paso.

Faris, John T.

- 1920 Bandelier National Monument. In Seeing the Far West, by John T. Faris, pp. 142-143. J. B. Lippincott, Philadelphia.

Field, Harry

- n.d. The Account of a Trip Made to Bandelier, New Mexico, Vicinity in 1900. Ms. in archives, Bandelier National Monument.

Forrest, Earl R.

- 1929 Ruins of Bandelier National Monument. In Missions and Pueblos of the Old Southwest; Their Myths, Legends, Fiestas, and Ceremonies, by Earl R. Forrest, pp. 67, 112, 144. Arthur H. Clark, Cleveland.

Fowler, Don D.

- 1989 Harvard vs. Hewett: The Contest for Control of Southwestern Archaeology, 1904-1930. Paper presented at the 88th Annual Meeting of the American Anthropological Association, Washington, D.C.

Foxx, Teralene S., and Gail D. Tierney

- 1985 History of the National Environmental Research Park. Informal Report

LA-8050-NERP. Los Alamos National Laboratory, Los Alamos.

Frey, Evelyn, and Peggy P. Church

- 1979 Conversation on History of the Pajarito Plateau. Tape on file, Los Alamos Historical Society and Bandelier National Monument.

Frothingham, Robert

- 1932 Trails Through the Golden West. McBride, New York.

Goad, Edgar F.

- 1939 A Study of the Life of Adolph Francis Bandelier, with an Appraisal of His Contributions to American Anthropology and Related Sciences. Unpublished Ph.D. dissertation, Department of Anthropology, University of Southern California, Los Angeles.

Grubbs, Frank H.

- 1960-62 Frank Bond, Gentleman Shepherd of Northern New Mexico, 1883-1915. New Mexico Historical Review 35(3):169-199; 35(4):293-308; 36(2):138-158; 36(3):230-243; 36(4):274-345; 37(1):43-71.

Hall, D. J.

- 1932 Enchanted Sand: A New Mexican Pilgrimage. Morrow, New York.

Harris, Hugh H.

- 1906 Pajarito Ruins--Their Accessibility. Scientific American Supplement 62:258-276.

- 1907 Unusual and Unknown Points in Pajarito Park, New Mexico. American Journal of Archaeology 11:42-46.

Hawkins, David

- 1946 Manhattan District History, Project Y: The Los Alamos Project. Volume 1. Inception until August 1945. Los Alamos Scientific Laboratory Report LAMS-2532. University of California at Los Alamos, Los Alamos.

Hendron, Jerome W.

- 1935 Impressions of a "Temp." Southwestern Monuments Monthly Report, September Supplement, pp. 237-238. Coolidge.

Hewett, Edgar L.

- 1903 The Pajarito Park. Section under Archaeology by E. L. Hewett. In U.S. Department of Interior, Annual Report for 1902/03, pp. 372-373. Washington, D.C.
- 1907-17 Organic Acts and Administrative Reports of the School of American Archaeology. Archaeological Institute of America, Santa Fe.
- 1916 The Proposed National Park of the Cliff Cities. Paper No. 34, School of American Archaeology. Archaeological Institute of America, Santa Fe.
- 1929 Preservation of the Scientific Re-

- sources of New Mexico. Pamphlet on file, University of New Mexico, Albuquerque.
- 1943a Campfire and Trail. University of New Mexico Press, Albuquerque.
- 1943b From Cave Dwelling to Mount Olympus. University of New Mexico Press, Albuquerque.
- 1946 Two Score Years. University of New Mexico Press, Albuquerque.
- Higgins, Charles A.**
- 1895 A New Guide to the Pacific Coast: Santa Fe Route. Rand McNally, Chicago.
- Hinsley, Curtis M., Jr.**
- 1986 Writing the History of American Archaeology: The Case of Edgar Lee Hewett and the Founding of the School of American Research in Santa Fe, 1906-1912. In American Archaeology Past and Future: A Celebration of the Society for American Archaeology, 1935-1985, edited by David J. Meltzer, Don D. Fowler, and Jeremy A. Sabloff, pp. 217-236. Smithsonian Institution Press, Washington, D.C.
- Hoard, Dorothy**
- 1977 A Hiker's Guide to Bandelier National Monument. Adobe Press, Albuquerque.
- 1981 Los Alamos Outdoors. Los Alamos Historical Society, Los Alamos.
- 1983 A Guide to Bandelier National Monument. Los Alamos Historical Society, Los Alamos.
- Hobbs, Hulda R.**
- 1940 Bandelier in the Southwest. El Palacio 47(6):121-135.
- Hodge, Frederick W.**
- 1932 Biographical Sketch and Bibliography of Adolph Francis Alfonse Bandelier. New Mexico Historical Review 7:353-370.
- Hoffman, Linda**
- 1980 Bandelier: The Man, the Monument. A Compiled Bibliography. Ms. on file, Division of Natural Resources, Southwest Regional Office, National Park Service, Santa Fe.
- Ickes, Anna Wilmarth**
- 1933 Mesa Land: The History and Romance of the American Southwest. Houghton Mifflin, New York, and Riverside Press, Cambridge.
- Jackson, Earl**
- 1934a Plans for a Museum at Bandelier National Monument. Southwestern Monuments Monthly Report, September Supplement, pp. 142-148; November Supplement, pp. 265-268. Coolidge.

122 PAJARITO BIBLIOGRAPHY

1934b Proposed Items for Bandelier Museum. Southwestern Monuments Monthly Report, August Supplement, pp. 86-93. Coolidge.

1934c The Story of Bandelier National Monument. Southwestern Monuments Monthly Report, September Supplement, pp. 149-152. Coolidge.

James, George W.

1915 Our American Wonderlands. A. E. McClury, Chicago.

1920 Bandelier National Monument. In New Mexico: The Land of the Delight Makers, by J. G. Wharton, pp. 1-2. Page, Boston.

Jones, Hester

1937 The Museum of New Mexico. El Palacio 42(1-3):2-11.

Kailer, Pat

1975 Evelyn Frey Day: Bandelier Resident Reminisces about How It Used to Be. Journal Trends, Sunday, May 4, p. C-1. Albuquerque.

Kane, J. F.

1934 The Record of the Past in Santa Fe. In Picturesque America, edited by J. F. Kane, pp. 96-99. Union Library Association, New York.

Kinetka, James W.

1978 City of Fire. University of New Mexico Press, Albuquerque.

King, Dale S., et al.

1935 Comments on Proposed Museum Exhibits Plan at Bandelier. Southwestern Monuments Monthly Report, December Supplement, pp. 466-490. Coolidge.

Kircher, Joseph C.

1922 Sunshine Playland. American Forestry 28:268-269.

Laut, Agnes C.

1911 Through Our National Forests. Travel 17:439-444, 478-480.

1913a City of the Dead in Frijoles Canyon. In Through Our Unknown Southwest, by Agnes C. Laut, pp. 60-77. McBride, New York.

1913b Why Go Abroad? Sunset 30:156-164 (Feb.) and 243-249 (Mar.).

Leonard, Olen E.

1970 When Los Alamos Was a Ranch School. Los Alamos Historical Society, Los Alamos.

Little, Louise M.

1914 Homes of the Prehistoric Cliff and Cave Dwellers in New Mexico. Overland Monthly, 2nd Series, 63:22-30.

Lummis, Charles F.

1925 Mesa, Canyon, and Pueblo. Century, New York.

Lyon, Fern, and Jacob Evans (editors and annotators)

- 1985 Los Alamos: The First Forty Years. Los Alamos Historical Society, Los Alamos.

Mankin, J. D.

- 1900 Report on the Ancient Cliff Dwellings in New Mexico and the Proposed Establishment of the Pajarito National Park. Ms. on file, General Land Office, Washington, D.C.

May, Peter

- 1972 History of Bandelier. Ms. on file, Bandelier National Monument.

McDougall, W. B.

- 1940 Special Report on Bandelier National Monument. Southwestern Monuments Monthly Report, November Supplement, pp. 332-335. Coolidge.

Mitchell, Guy Elliott

- 1917 New National Parks. American Review of Reviews 55:635-640.

Munk, Joseph A.

- 1920 El Rito de los Frijoles. In Southwestern Sketches, by Joseph A. Munk, pp. 156-178. G. P. Putnam's Sons, New York.

Nelson, Ethelyn G.

- 1917 Camp Life in New Mexico. Natural History 17:103-114.

Noll, Arthur H.

- 1891 The Pueblo Indians. Dial 12:104-107.

Nusbaum, Jesse L., M. R. Tillotson, and Roger M. Toll

- 1930 The Bandelier National Monument and the Proposed Cliff Cities National Park. Ms. on file, National Park Service, Denver.

Paxton, Hugh C.

- 1978 Thirty Years at the Pajarito Canyon Site. Los Alamos Scientific Laboratory Report LA-7121. Los Alamos National Laboratory, Los Alamos.

Peet, Stephen D.

- 1898a Caves and Cliff-Dwellings Compared. American Antiquarian 20:192-210.
- 1898b Cliff Fortresses. American Antiquarian 20:80-100.
- 1899 The Cliff Dwellers and the Pueblos. Office of the American Antiquarian, Chicago.

Peixotto, Ernest

- 1916 Bandelier National Monument. In Our Hispanic Southwest, by Ernest Peixotto, pp. 184-191. Scribner's, New York.

Pettitt, Roland A.

- 1972 Los Alamos Before the Dawn. Paja-

rito Publications, Los Alamos.

- 1990 Exploring the Jemez Country. 2nd edition. Los Alamos Historical Society, Los Alamos.

Powell, E. Alexander

- 1914 The Bandelier National Monument Region. In The End of the Trail, by E. Alexander Powell, pp. 22-25. Scribner's, New York.

Prince, L. Bradford

- 1912 New Mexico, the New State. Sunset 28:683-695.

Prudden, T. Mitchell

- 1901 Glimpses of the Great Plateau. Harp-er's Magazine 103:745-750.

Quinn, Vernon

- 1923 Bandelier National Monument. In Beautiful America, by Vernon Quinn, pp. 59, 278. F. A. Stokes, New York.

Radin, Paul

- 1942 The Unpublished Letters of Adolph F. Bandelier. Charles P. Everitt, New York.

Raphael, Toby, Bush Kent, and Dave Brugge

- 1980 Collection Management Plan, Bandelier National Monument. Ms. on file, Harpers Ferry Center, Harpers Ferry, WV.

Robinson, Will H.

- 1919 Bandelier National Monument. In The Story of Arizona, by Will H. Robinson, pp. 23-24. Berryhill, Phoenix.
- 1928 Under Turquoise Skies. Macmillan, New York.

Rose, Robert L.

- 1934 Another Chapter on Bandelier Museum. Southwestern Monuments Monthly Report, October Supplement, pp. 187-189. Coolidge.

Rothman, Hal

- 1985 Conflict on the Pajarito: Frank Pinkley, the Forest Service, and the Bandelier Controversy, 1925-32. Journal of Forest History 29:68-77.
- 1988 Bandelier National Monument: An Administrative History. Southwest Cultural Resources Center Professional Paper No. 14. Division of History, National Park Service, Santa Fe.
- 1989 Industrial Values and Marginal Lands: Cultural and Environmental Change on the Pajarito Plateau. New Mexico Historical Review 64(2):185-211.
- n.d. A Cultural and Environmental History of Los Alamos, New Mexico, Area Since 1880. Ms. in possession of author.

Saunders, Charles Francis

- 1918 The Upper Rio Grande: Its Pueblos

- and Its Cliff Dwellings. In Finding the Worth While in California, by Charles F. Saunders, pp. 20-42. McBride, New York. Second edition, revised, 1923. Reprinted in 1937.
- Savage, J., and B. Storms**
- 1965 Reach to the Unknown. Los Alamos Scientific Laboratory, Los Alamos.
- Sherman, James E., and Barbara H. Sherman**
- 1975 Ghost Towns and Mining Camps of New Mexico. University of Oklahoma Press, Norman.
- Shinn, Charles H.**
- 1888 From Klamath to Rio Grande. Overland Monthly, 2nd Series, 12:56-75.
- Simmons, Marc**
- 1977 The One-Man Expedition. The Reporter, October 20, p. 7. Santa Fe.
- Steen, Charlie R.**
- 1979 Recent Findings on the Pajarito Plateau. Tape on file, Los Alamos Historical Museum and Bandelier National Monument.
- Stocking, George W., Jr.**
- 1982 The Santa Fe Style in American Anthropology: Regional Interest, Academic Initiative, and Philanthropic Policy of the First Two Decades of the Laboratory of Anthropology, Inc. Journal of the History of Behavioral Sciences 18:3-19.
- Talman, Cyrus F.**
- 1923 Land of "The Delight Makers." Mentor 11:40-42.
- Trego, Frank H.**
- 1929 Bandelier National Monument. In Boulevarded Old Trails in the Great Southwest, by Frank H. Trego, pp. 222-232. Greenberg, New York.
- Trowbridge, Lydia J.**
- 1930 Edgar Lee Hewett. El Palacio 29 (4-10):163-173.
- Truslow, Edith C.**
- 1973 Manhattan District History: Nonscientific Aspects of Los Alamos Project Y, 1942 Through 1946. Los Alamos Scientific Laboratory Report LA-5200. Los Alamos National Laboratory, Los Alamos.
- Truslow, Edith C., and Ralph C. Smith**
- 1947 Manhattan District History, Project Y: The Los Alamos Project. Volume 2. August 1945 Through December 1946. Los Alamos Scientific Laboratory Report LA-MS 2532. University of California at Los Alamos, Los Angeles.
- Twitchell, Ralph E.**
- 1911 Bandelier National Monument. In The Leading Facts of New Mexico

History, Volume 1, by Ralph E. Twitchell, pp. 34-38. Torch Press, Cedar Rapids.

Resources Division, National Park Service, Santa Fe.

U.S. Army Corps of Engineers

1973 Master Plan Design Memorandum No. 13: Cochiti Lake, Rio Grande, New Mexico. U.S. Army Corps of Engineers, Albuquerque.

Von der Lippe, George M., and Edward J. Widmer

1960 A Field Report on Uncontrolled Use of the Otowi Section of Bandelier National Monument. Ms. on file, Bandelier National Monument.

U.S. Department of Interior, National Park Service

1917 Bandelier National Monument. In General Information Regarding the National Monuments Set Aside under the Act of Congress Approved June 8, 1908, pp. 51-52. Government Printing Office, Washington, D.C.

Wallace, George F.

1900 A Day in the Cliff Dwelling. Land of Sunshine 13:23-28.

1973 Master Plan, Bandelier National Monument, New Mexico. National Park Service, Santa Fe.

Walter, Paul A. F.

1916 A Summer in the Pajarito. El Palacio 3:3.

n.d. The Story of Bandelier National Monument. Mimeographed paper on file, Bandelier National Monument.

1920a National Monuments in New Mexico. Art and Archaeology 10:6-26.

1920b National Monuments of New Mexico: Bandelier National Monument, El Rito de los Frijoles. Art and Archaeology 10(1-2):7-13.

Underhill, Ruth

1930 Decentralization Program of the Museum of New Mexico. El Palacio 29(4-10):131-141.

1938 First Penthouse Dwellers of America. J. J. Augustin, New York.

1932 Twenty-five Years of Achievement. Paper No. 24. School of American Research, Santa Fe.

Underwood, John C.

1919 The Rito de los Frijoles Room. El Palacio 6(4):58.

Waters, Frank

1966 The Woman at Otowi Crossing. Swallow Press, Chicago.

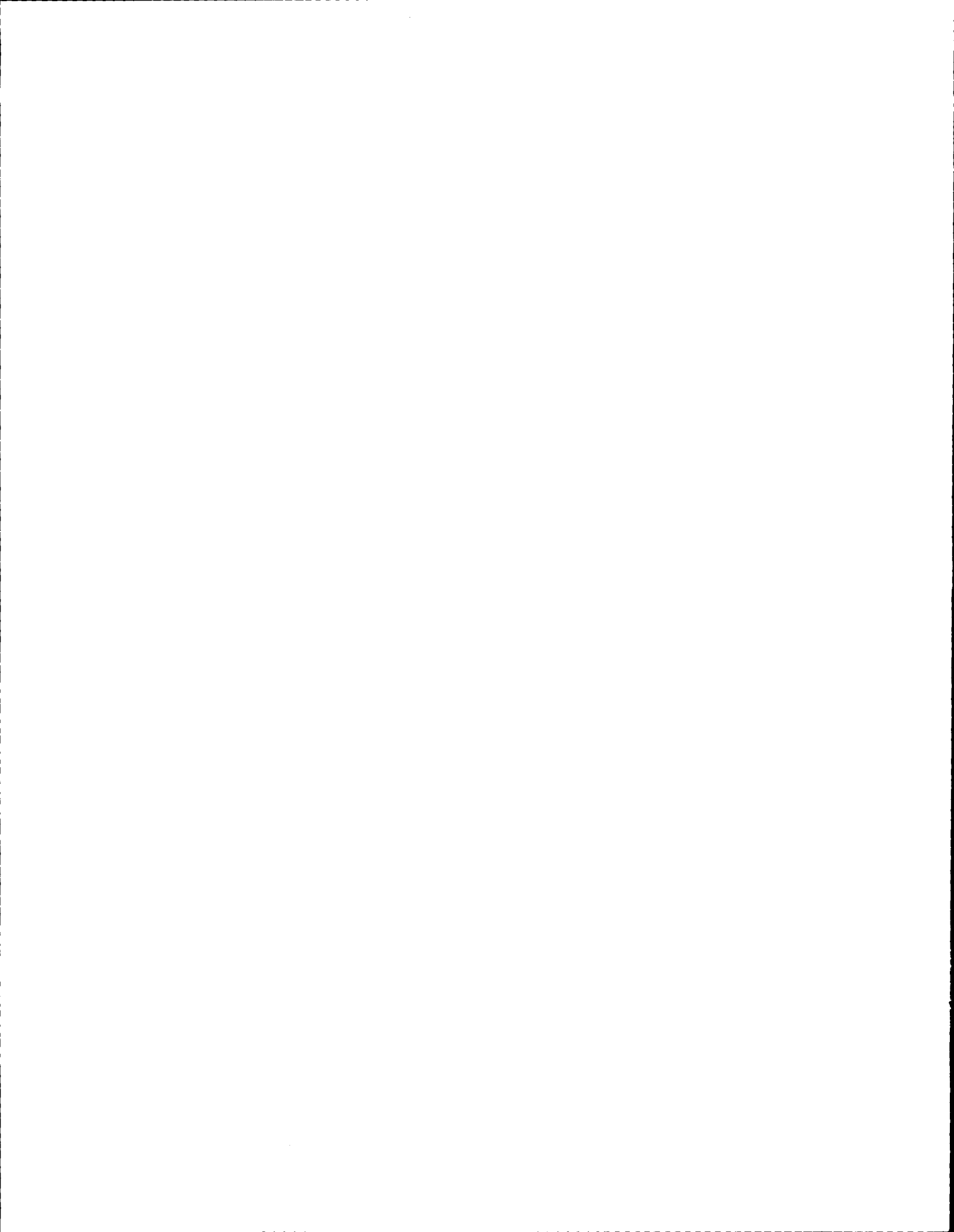
University Analytical Center, University of Arizona

1979 Fourth Quarterly Report on the Southwest National Monuments Aerosol Study. Ms. on file, Natural

Wesolowski, L. V.

1981 Native American Land Use along

- Redondo Creek. In High Altitude Adaptations along Recondo Creek--The Baca Geothermal Anthropology Project, edited by C. Baker and J. C. Winter, pp. 210-268. Office of Contract Archeology, University of New Mexico, Albuquerque.
- White, Leslie A. (editor)**
- 1940 The Bandelier-Morgan Letters, 1873-1883. 2 vols. Coronado-Bandelier Series. University of New Mexico Press, Albuquerque.
- White, Leslie A., and Ignacio Bernal**
- 1960 Correspondencia de Adolfo F. Bandelier. Instituto Nacional de Antropología y Historia, Mexico City.
- Wing, Kittridge A.**
- 1955 Bandelier National Monument, New Mexico. Historical Handbook Series No. 23. National Park Service, Washington, D.C.
- Yard, Robert S.**
- 1919 Bandelier National Monument. In The Book of National Parks, by Robert S. Yard, pp. 379-381. Charles Scribner's Sons, New York.



APPENDIX A.

Correlation of Site Names and LA Numbers

<u>Common Name</u>	<u>LA Number</u>
Big Kiva east of Tyuonyi	LA 77722
Ceremonial Cave	LA 13663
Cueva Pintada (Painted Cave)	LA 13662
Frijoles Cave (see Long House, Talus House, etc.)	
Frijolito Ruin	LA 78
Fulton's Site 190	LA 8681
Group D - Long House	LA 13665
Group E - Talus House	LA 13664A
Group M	LA 13664D
Koyiti (Old Cochiti)	LA 295
Kuapa	LA 3444
Lions in the Potrero de los Idolas	LA 50977
Little Otowi	LA 32, 2774
Long House (Group D)	LA 13665
Old Cochiti (Koyiti)	LA 295
Otowi (see also Potsui'i)	LA 169
Painted Cave	LA 13662
Potsui'i (see also Otowi)	LA 169
Potsui'i II	none
Pueblo Cañada	LA 35
Puye	LA 47
Rainbow House	LA 217
R.V. 45	LA 3842
R.V. 128	LA 207
San Miguel	LA 370
Shufinne	LA 795
Stone Lions Shrine	LA 250
Talus House (Group E)	LA 13664A
Tsankawi	LA 211
Tsirege (and Tsirege Cave)	LA 170
Tyuonyi	LA 82
Yapashi	LA 250
Turney's survey	LA 2760-2999

