

LA JORNADA

Newsletter of the Archaeological Society of New Mexico

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ASNM NEWS

Membership Renewals

Everyone—except life members—needs to renew at the beginning of each calendar year. Annual membership is from January 1 to December 31, and memberships received after November 1 start January 1. Please fill in the membership renewal form on page 5 and return with your check. The membership renewal form asks for an email address if you have one. You will then receive an email with a link to the electronic newsletter. Members who wish to continue receiving a print copy are asked to pay an additional \$5.00 per year to help cover costs of printing and first class postage. Contact Dolores Sundt at P.O. Box 3485, Albuquerque NM 87190 or dfsundt@msn.com if you have questions about your membership status.

2009 Annual Meeting May 1-3

The 2009 Annual Meeting will be held in Taos next May 1-3. A full weekend of activities is planned, including contributed paper presentations and posters, vendor sales, museum tours, the Bandelier Lecture and Awards banquet, a film exhibit, scholarship student papers; and field trips on Sunday to petroglyph sites in the Taos valley, Taos Pueblo tours, and other field trips. Please note that **the venues have changed since the first announcement in October**. Lodging at special rates is available in three motels: Quality Inn (\$69), Comfort Suites (\$89), and Sagebrush Inn (\$129). Prices include breakfasts but not the 13% room tax. Registration (1-8 p.m.) and opening reception (5-8 p.m.) will be at the Quality Inn Friday evening. The meetings will be at the Taos Convention Center about 2 miles north of the Quality Inn in downtown Taos, near the plaza. Banquet and Bandelier Lecture will be at the Sagebrush Inn about ¾ mile south of Quality Inn. Comfort Suites are near Sagebrush Inn. A block of rooms will be held at the Quality Inn **only until April 1**; other motels on space-available basis. Mention NM Archaeological Society for special rates. Early motel reservations advised (but 14-day advance notice of cancellation required); call Quality Inn 575-758-2200, Comfort Suites 575-751-1555, Sagebrush Inn 575-758-2254. For further details, updates, and online registration, see the Taos Archaeological Society website www.taosarch.org. For your information, an Annual Meeting registration form is on page 8. The form is also available online and will appear again in the next issue of *La Jornada*.

Last Call for Papers for Annual Meeting

The deadline for abstracts is January 21. To submit an abstract, please use the form on page 7

Last Call for Nominees for Annual Papers Honoree and Bice Award

Deadline for nominations for the ASNM Annual Papers Honoree is January 15, and deadline for nominees for the Bice Award for Archaeological Achievement is January 30. See page 2 for details.

Note from your Editor

Submissions for the March issue of *La Jornada* should be sent to Helen Crotty by March 1st. Email is jhcrotty947@gmail.com, snail mail is 1366 State Road 344, Sandia Park, NM 87047. Updates for the contact information for affiliate societies are requested. If your affiliate society has had a change in officers or contact information, please notify Helen at one of the addresses above.

La Jornada

John Hayden is still looking for a new logo that symbolizes the purposes of ASNM for the newsletter masthead and for the letterhead. Please send suggestions to John (johnhayden@q.com) or to Helen Crotty (jhcrotty947@gmail.com).

The Masthead looks rather austere with no graphics. Is there an artist out there who could suggest something that looks good in black and white, even if it doesn't symbolize the purposes of ASNM?

ASNM ANNUAL PAPERS HONOREE

Nominations for honorees for the 2010 volume of ASNM's *Annual Papers* are requested. Each year, ASNM dedicates a volume of its *Papers* to someone who has made significant contributions to Southwestern archaeology. Nominee names are requested from individual ASNM members and from affiliated societies. Letters of nomination should give the nominee's name, address, date of birth, education, occupation, and archaeological society affiliations. Describe the wonderful and illustrious things the nominee does or has done that caused you to propose his or her name. Summarize his/her activities in Southwestern archaeology, including publications, research, teaching, public education, ASNM or related organization activities, site conservation, etc. Please send letters of nomination by January 15, 2009 to Karen Armstrong, 1705 Chelwood Park Boulevard, Albuquerque, NM 87112. If you need more information, call Karen at (505) 294-8218, or email fybate@comcast.net.

2009 Richard A. Bice Award for Archaeological Achievement

The president of each of our affiliate societies has received a letter and an award nomination form for the 2009 Richard A. Bice Award for Archaeological Achievement. The award recognizes individuals from our affiliated societies who have contributed in some manner to promote archaeology in general. They need not be archaeologists. Please contact your society president to nominate any deserving individual or individuals whom you believe to be worthy of this distinguished award. All award nominations must be received by January 30, 2009. For additional information, contact Bradley Bowman, Bice Award Committee Chairman, P.O. Box 582, Cedar Crest, NM 87008, or telephone (505) 281-4745, or e-mail bradleybowman@earthlink.net.

ASNM Trustees February 7 Meeting in Tijeras

The Trustees will meet at the Sandia Ranger Station in Tijeras on Saturday, February 7 at 1:00 p.m. The meeting is open to any interested parties. Among items to be discussed are updates to the ASNM by-laws and suggestions for ex-officio trustees and advisors. Other items on the agenda are the selection of the *Annual Papers* Honoree for 2010 and the recipient of the 2009 Bice Archaeological Achievement Award by vote of the elected Trustees.

Welcome to Linda Cordell

The most recent addition to the list of ASNM's Advisors is Linda Cordell, Ph.D. Dr. Cordell is a former member of the faculty of the UNM Department of Anthropology, where, among other accomplishments, she directed excavations at Tijeras Pueblo and Pottery Mound. She delivered the Bandelier Lecture at the 2007 Annual Meeting in Albuquerque and has always been supportive of ASNM and its affiliate societies. Most recently, she has been especially helpful in assisting with the design of the exhibits at the new Friends of Tijeras Pueblo Interpretive Center.

SiteWatch Stewards Conference February 20-22

Phil Young, who continues to coordinate the activities of SiteWatch as a volunteer, has announced a State of New Mexico SiteWatch Site Steward's Conference to be held Friday February 20 to Sunday February 22 at the UNM Hibben Center. No registration fee. Field trips are scheduled Friday afternoon and Sunday, Saturday classroom training. See the ASNM website (newmexico-archaeology.org, link to Events) or the Albuquerque Archaeological Society website (abqarchaeology.org, link to SiteWatch).

Other News from Here and There

DRILLING AND MINING IN STORE FOR TWO ICONIC SOUTHWEST PARKS

Falling Commodity Prices Brings Brief Reprieve for Petrified Forest and Aztec Ruins

Washington, DC. Drilling and mining may soon be affecting Petrified Forest National Park in Arizona and Aztec Ruins National Monument in New Mexico, according to an internal Interior Department document released [recently] by Public Employees for Environmental Responsibility (PEER). Only plummeting commodity prices caused by the current recession have delayed groundbreaking for new natural gas wells and potash mining in or adjacent to the parks.

The Interior briefing for Assistant Secretary Lyle Laverty dated October 5, 2008 outlines pending plans for subsurface extraction on or adjacent to the two parks:

Aztec Ruins National Monument (NM) "Manana Inc., an energy company, has provided documentation of its legal right to conduct operations in the monument and its intent to drill a Fruitland Coal natural gas well within the monument boundary. It is proposing a location adjacent to the North Ruins, the third largest archeological site in the monument. The monument is conducting internal scoping and considering other possible locations that might be recommended as alternatives. The monument is also processing requests from ConocoPhillips in their interest to develop two new wells, and from XTO Energy, Inc, to extend a gas gathering line to tie in with an existing line already within the monument."

Petrified Forest National Park (AZ) "A new study by the Arizona Geological Survey (AZGS) identifies the size and distribution of a world-class potash deposit in the Holbrook Basin of east-central Arizona, including the southern portion of Petrified Forest National Park and much of the lands Congress authorized for park expansion in 2004. Public release of the study awaits impending approval from the governor's office. Potash is an essential ingredient in fertilizers. This deposit underlies 600 square miles east of Holbrook, AZ, and was first identified in the 1950s, but not developed because it was not viewed as economically competitive. In the last three years, there has been a ten-fold increase in potash prices with additional rises in the last few months pushing the price up another 50-100%. Calculated tonnage for the entire deposit is 682 million to 2.27 billion metric tons. Approximately 20% of the deposit lies below Petrified Forest National Park and is closed to mining. An additional 30% underlies lands covered by the Petrified Forest Expansion Act of 2004. This discovery will obviously have an impact on land values within the Expansion Act boundaries."

"Protection of these national parks is now in the hands of the market. The basic problem is that the Bush administration has siphoned away funds for park acquisitions, leaving vital in-holdings and subsurface rights in the hands of private interests," stated PEER Board Member Frank Buono, a long-time former National Park Service manager, noting that NPS today has only a small fraction of funding it had before Bush for land acquisition. "Using stimulus funds to buy out these interests now will both raise local land values and leave a gift for future generations." [from NMAC-L]

NANODIAMONDS POINT TO MASSIVE COMET EXPLOSION AROUND 12,900 BC

Tiny diamonds found in the soil are "strong evidence" a comet exploded on or above North America nearly 13,000 years ago, leading to the extinction of dozens of mammal species, according to a study.

Diamonds found in North American soil suggest a comet led to the extinction of dozens of mammal species.

The scientific report also suggests the cataclysm also reduced the population of the earliest people to inhabit the region and triggered a 1,300-year-long cold spell that stretched around the world.

The heat generated by the extraterrestrial impact likely melted much of a glacier that once covered the Great Lakes region, sending a massive flood down the Mississippi River, the study said.

According to the report, the cold waves of glacial runoff into the Gulf of Mexico shifted Atlantic Ocean currents, changing climate patterns throughout the world in a cooling period known as the Younger Dryas.

"A rare swarm" of comets rained over North America about 12,900 years ago, sparking fires that produced choking, leading "to the extinction of a large range of animals, including mammoths, across North America," the report said.

The study was conducted by a group of eight archaeologists and geologists from the universities of Oregon and California, Northern Arizona University, Oklahoma University and DePaul University. Their findings were published January 2 in the journal *Science*.

The prehistoric humans known to have inhabited the continent at the time of the event -- hunters and gatherers dubbed the Clovis culture -- suffered a major decline in population in the aftermath, the scientists said.

The scientists studied layers of sediment dated to 12,900 years ago at six North American locations, including one directly on top of a Clovis site in Murray Springs, Arizona. Each layer was rich in nanodiamonds, which are produced under high-temperature, high-pressure conditions created by cosmic impacts, the report said.

"The nanodiamonds that we found at all six locations exist only in sediments associated with the Younger Dryas Boundary layers, not above it or below it," said University of Oregon archaeologist Douglas Kennett. "These discoveries provide strong evidence for a cosmic impact event at approximately 12,900 years ago that would have had enormous environmental consequences for plants, animals and humans across North America."

The other sites studied were in Bull Creek, Oklahoma; Gainey, Michigan and Topper, South Carolina, as well as Lake Hind, Manitoba; and Chobot, in the Canadian province of Alberta.

[From CNN via NMAC-L, *Ed. note*: As reported in the previous issue, this controversial theory was aired in two special sessions at the 2008 Pecos Conference. The new evidence is briefly discussed in several scientific journals around January 2. More details can be found by searching "Nanodiamonds" on the Internet.

New Books

We expect to publish reviews of the following books in the next issue of *La Jornada*:

Thunder & Herds: Rock Art of the High Plains. Lawrence L. Loendorf. 2008. Left Coast Press, Walnut Creek, CA. 231 pp. \$29.95 (paper), ISBN 978-59874-151-3.

Remembering Awatovi: The Story of an Archaeological Expedition in Northern Arizona 1935-1939. Hester A. Davis, 2008. Peabody Museum Monograph No. 10, Peabody Museum Press, Harvard University, Cambridge, MA. 160 b/w photos, 240 pp. \$18.95 (paper), ISBN 978-0-87365-911-6.

Calendar Check: Conferences and Meetings in 2009

New Mexico SiteWatch Stewards Conference: February 20-22 at the UNM Hibben Center, Albuquerque. See story this issue of *La Jornada*.

Society for American Archaeology Annual Meeting: April 22-26, Atlanta, GA. See saa.org.

Archaeological Society of New Mexico Annual Meeting: May 1-3, Taos. See story this issue.

American Rock Art Research Association Annual Conference: May 21-25, Bakersfield, CA. See arara.org.

Pecos Conference 2009: August 6-9, McPhee Campground near Cortez, CO. See swanet.org to register your email address for more information.

**2009 MEMBERSHIP
ARCHAEOLOGICAL SOCIETY OF NEW MEXICO**

Everyone except the life members needs to renew at the beginning of each calendar year. Annual membership is from January 1 to December 31. Memberships received after November 1 will start January 1. Contact Dolores Sundt by email at dfsundt@msn.com or by mail at the P.O. Box below if you have questions about your membership status. Membership benefits include a subscription to the ASNM newsletter *La Jornada*, a copy of the Annual Honoree Volume, and support for local archaeological societies. Dues and contributions are tax deductible to the extent of the law.



Name (s): _____	Year: _____	Renewal <input type="checkbox"/>	New <input type="checkbox"/>
Address: _____	Individual, Institution, or Family (\$25)		
	\$ _____		
	\$ _____		
_____	Contributor (\$35 & up)		
	\$ _____		
Telephone (Opt): _____	Affiliated Society (\$25)		
	\$ _____		
Newsletter Email Address *: _____	Print Newsletter Surcharge (\$5)*		
	\$ _____		
_____	Extra Scholarship Fund Contribution		
	\$ _____		

*If you cannot or do not wish to receive your newsletter electronically, please pay the \$ 5 printing and postage surcharge for a print copy via first class mail.

Total Enclosed: \$ _____

Send payment to: The Archaeological Society of New Mexico, PO Box 3485, Albuquerque, NM 87190-3485. Please be sure your email address is legible. If more space is needed, write it again in the space below. If your email address changes, please contact list manager Gary Hein at garyh@newmexico-archaeology.org.

ARCHAEOLOGICAL SOCIETY OF NEW MEXICO

P.O. Box 3485 Albuquerque, New Mexico 87190-3485 www.newmexico-archaeology.org

As a New Mexico non-profit corporation, ASNM is one of the oldest of its kind in the United States. The Society has a number of affiliated local societies listed below. ASNM encourages and assists others to unite to preserve, study, protect, and promote appreciation of the prehistoric and historic cultural resources of New Mexico. Membership: Individual, Family, Institution \$25 (Print Newsletter by First Class Mail is \$5 extra), Contributing \$35 or more. Privileges: Enrolling in ASNM Incremental Certification Program and Seminars, ASNM newsletter, and annual volume of *Papers of the Archaeological Society of New Mexico*.

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AFFILIATE SOCIETIES

We rely on members of affiliate societies to keep us up to date on officer and contact information. Send corrections, updates, and e-mail contact addresses or news of local activities to Helen Crotty (jhcrotty947@gmail.com).

Albuquerque Archaeological Society

PO Box 4029
Albuquerque, NM 87196
President: Gretchen Obenauf
info@abqarchaeology.org
www.abqarchaeology.org

Doña Ana Archaeological Society

PO Box 15132
Las Cruces, NM 88004
President: Mike Hughes
danhughes@msn.com

El Paso Archaeological Society

PO Box 4345
El Paso, TX 79914-4345
President: Bill Luther
www.epas.com
kayyote@aol.com

Grant County Archaeological Society

PO Box 1713
Silver City, NM 88062

Friends of Tijeras Pueblo

PO Box 1916
Tijeras, NM 87509
President: Nancy Woodworth
njwood@spinn.net
www.friendsoftijeraspueblo.org

Midland Archaeological Society

PO Box 4224
Midland, TX 79704
President: Teddy Stickney
www.midarcsoc.org

Plateau Sciences Society

PO Box 2433
Gallup, NM 87305
President: Larry Larason
link87301@yahoo.com

San Juan Archaeological Society

PO Box 118
Flora Vista, NM 87415
Contact: Roger Moore
maraztec@sisna.com

Santa Fe Archaeological Society

PO Box 31603
Santa Fe, NM 87594
President: Sidney Barteau
sb.barteau@comcastnet

Taos Archaeological Society

PO Box 143
Taos, NM 87571
President: Carolyn Johnson
cjj721@earthlink.net
www.taosarch.org

Torrance County Archaeological Society

9360-A Old Highway 14
Estancia, NM 87016
President: Sharon Hanna
www.tcasnm.org
hungryhorse@plateautel.net

CALL FOR PAPERS

ASNM Annual Meeting May 1-3, Taos, New Mexico **Between the Mountains—Beyond the Mountains**

Honoring Paul Williams, BLM Taos Field Office Archaeologist
and Founding Member of the Taos Archaeological Society

In keeping with Paul Williams's career protecting, preserving, and managing cultural resources in northern New Mexico, the theme for the ASNM 2009 Annual Meeting will be contributions to the archaeology of the Northern Rio Grande. The Northern Rio Grande is the region between the San Juan and Tusas Mountains on the west and the Sangre de Cristo Mountains on the east, from the Albuquerque area on the south to the San Luis Valley on the north. While the Northern Rio Grande can stand as its own region, its Native and Euroamerican residents also had ties to regions beyond the mountains, west and east. We encourage avocational and professional archaeologists to submit proposals for papers and posters that focus on one of two central themes:

- Between the Mountains: Prehistoric-Sites and Historic-Sites Archaeology of the Northern Rio Grande
- Beyond the Mountains: Prehistoric-Sites and Historic-Sites Archaeology of Adjacent Regions in Relation to the Northern Rio Grande

Specifically, we encourage proposals for papers and posters that present new and thoughtful approaches to and results of research related to the Northern Rio Grande.

Name: _____

E-mail address: _____ Phone: _____

Title of Contributed Paper: _____

Title of Poster Exhibit: _____

Presentation Abstract Here:

To ensure timely publication of the program and notices, please note the following schedule of deadlines:

Abstracts due: January 21st
Notification of acceptance February 2nd
Deadline for flash drive or CD April 8th

Please send all materials to: Carmen Acosta Johnson, Ph.D., 831 Witt Road, Taos, NM 87571

Phone: 575-758-7962 email: carmenjohnson42@msn.com

ARCHAEOLOGICAL SOCIETY OF NEW MEXICO 2009 ANNUAL MEETING

Between the Mountains, Beyond the Mountains

May 1 - 3, 2009, Taos, NM

Hosted by the Taos Archaeological Society

1) Choose registration type, number of attendees, and dinner choices:

Type	Cost per Person	x	No. of people	=	Total
Student	\$10.00	x		=	
Early Registration (before April 26)	\$30.00	x		=	
Late Registration (after April 26)	\$40.00	x		=	
Saturday BBQ Buffet and Bandelier Lecture	\$25.00	x		=	
Bandelier Lecture Only	\$5.00	x		=	
Total					\$

2) Enter registration information:

	Person 1	Person 2
Name:		
Mailing Address:		
Email Address:		
Telephone:		
ASNМ or Other Affiliation:		

3) Mail completed form and check to:

TAS
P.O. Box 143
Taos, NM 87571

Please make lodging reservations directly with the motel of your choice. See details on page 1 of this issue.