



Council Chair Message

Annual Meeting: This year's annual meeting at the Riana Campground (overlooking Abiquiu Lake) was a great success. The 33 attendees were treated to quite informative talks regarding the history and archeology of the area. And once again there was a large variety of great chili dishes, desserts, etc. for the lunch break. If you weren't able to attend, I hope you'll be available next September.

Arroyo Hondo Stewards Perk: By now, you should have heard about the stewards' perk Mike Bremer has arranged. That there will be a tour of the Arroyo Hondo site on Saturday, October 15. If you've not been there, you don't want to miss this opportunity. And if you have been there, you'll probably appreciate the opportunity to visit again for the tour led by the quite knowledgeable Jason Shapiro.

Council Actions: New Stewards and AATL: At the July 23 meeting, the council approved Beth Parisi as the Rio Chama Assistant Area Team Leader. The council also certified as

regular stewards Lawrence Singer (Gallina), Rick Stearns (Jemez), Robyn Johnson and Kimberly MacLoud (Pecos), and Carol Pava (Rio Chama). Upon the recommendation of Mike Bremer, the council approved two new probationary stewards: Grace Brill (Rio Chama) and Marsha Carra (Jemez).

New Standing Committee for Formal Training of Stewards: The council anticipates the need for another formal session to train new stewards next spring. In the past ad hoc committees have handled the planning, but the council approved establishing a standing committee to handle future training sessions. Beth Parisi and Lois Haggard agreed to serve as joint chairs.

Finally, the next meeting of the SFNF Site Steward Council is scheduled for 9:00 A.M., October 22, at the SFNF office in Santa Fe. We welcome all site stewards to attend as observers and enjoy the donuts and coffee.

-K Paul Jones

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Anne Becket
Wendy Dolci
Jo Douglas
K. Paul Jones
Kay Lee
Paula Lozar
Gary Newgent
Beth Parisi

The Editors Thank You!

Annual Meeting, 2016

Many thanks to Will Dearholt and the annual meeting committee whose members made all the arrangements for our camp-out annual meeting at Riana group area at Abiquiu Lake. Mike Bremer and enough helpers raised the big yellow tents, which not only provided very welcome shade but also tinted many photos, in the flat volleyball area ad-

acent to the group area shelter. Campers were in an adjacent area (photo at left).

Photo by Kay Lee



Annual Meeting (cont)

The meeting officially began about 9 a.m. after campers checked in and set up various tables: silent auction, new books for sale, the Foundation; morning snacks, coffee and water for tea. K. Paul Jones presided. He introduced Forest archaeologists, and Beth Parisi gave the budget report for Nancy Hudson, who was out of the country. As of 9-12-16, expenditures totaled \$310, and income totaled \$398. Our cash balance is \$2,497. Mike presented the State of the Forest report, noting transfers in various areas and discussed current issues. Area Team Leaders gave brief reports, and Gary Newgent reported for the Foundation (see next story).

The State of the Forest included a reminder of the most recent additions to the Forest staff, now over a year old, including Peter Taylor as the Jemez/Cuba lead archaeologist and Annmarie Kmetz as the Pecos/Las Vegas lead archaeologist. The Forest has been conducting a lot of survey associated with fuels work in the Gallina region south of the Lleguas Canyon road as well as continuing with work on the Southwest Jemez Project.

The stewards logged over 1,900 total hours of travel, site visit and non-site hours with over 21,000 miles driven for a monetary benefit to the forest worth over \$55,000. The geothermal analysis continues on whether to make a decision to lease or not.

On the west side of the Sangre de Cristos a large fuels management and restoration project is being planned, currently referred to as the Santa Fe Fireshed. Other restoration projects are ongoing in the Gallinas watershed in Las Vegas and on Rowe Mesa.

In addition, the Forest completed or is in the process of completing proactive projects including reroofing the Gallina pithouse, stabilization of historic sections of the Camino Real, metal detecting along the Camino Real, trail, and parking area stabilization at Tsipin and Poshouinge, continued cleanup in the Rio del Oso along with geophysical investigations of Ku II or Llano del Oso, interpretative stations at Rattlesnake Ridge and continued research by a number of folks and institutions. Lastly, the Forest is in the plan revision stage of Forest planning and

will have a new draft Forest plan available near the beginning of the new calendar year.

Foundation Treasurer Kay Lee reports that the silent auction netted \$601.00, a very good result since the auction closed a bit early and all the items were schlepped in. Thank you, contributors, for helping support next year's annual meeting.

The Awards Committee included Ann White, Candie Borduin, and Jan Stone; they prepared the certificates and chose the fetishes and gifts to the Forest archaeologists.

Site Steward Awards: K. Paul and Mike presented Certificates of Appreciation and fetishes to stewards nominated by their Area Team Leaders. This year's recipients were: Nancy Hudson (Jemez), Ann White (Jemez), K. Paul Jones (Rio Chama), Beth Parisi (Rio Chama), and Nancy and Bill Cella (Gallina).



A spontaneous nomination of Gail Bryant for her outstanding leadership as Education Chair was met by unanimous approval.

Photo by Nancy Cella

Forest Archaeologist Awards: Special Certificates of Appreciation and recognition of their leadership and

support went to the Forest archaeologists: Mike, Annie Baldwin, Jason McInteer, Annmarie Kmetz, and Jana Comstock. The archeologists received Nambe ware; Mike received a gift certificate. Thank you all for sharing your expertise with us.



From left: Jason, Annmarie, Jana, Annie, and Mike.

Photo by Beth Parisi

Annual Meeting (cont)

Beth Parisi: *For leading the effort to create the new South Park Colorado Site Steward program in Fairplay, Colorado, and organizing two new South Park site steward training sessions July 12-13, 2015, 14 attendees, and June 25-26, 2016, 15 attendees. This is in addition to the many years of leadership that Beth continues to give to the Site Steward program. Beth was given a dragonfly fetish. Dragonfly is recognized as a sign of water; where there is water, there is life. Being mindful of dragonfly can help guide us to our own positive and transcendent goals.*

K. Paul Jones: *For helping to create the new South Park Colorado Site Steward program in Fairplay, Colorado and organizing two new South Park site steward training sessions July 12-13, 2015, 14 attendees, and June 25-26, 2016, 15 attendees. This is in addition to the many years of leadership that Paul gives to the Site Steward program including service as Council Chair. Paul received a bison fetish. Bison is especially important to the Plains Indians. Bison reminds us of abundance and prayer.*

Ann White: *For serving on the awards committee for over five years helping select Keishi for awardees, taking the lead on the Archive Committee for three years lending her expertise in Records Management to the process. Ann has been AATL in the Jemez Area of the SFNF for many years and brings pertinent observations and good humor to the Council and Site Steward Program. Ann received a frog fetish. Frog is a sign of water; water is life. Frog's medicine includes cleansing and emotional and physical healing.*



From left: Candie Borduin, Beth, K. Paul, and Ann

Photo by Nancy Cella

Nancy Cella: *For serving as a site steward since 2003; for monitoring as many as seven sites a season; for consistently going above and beyond whatever the task. In addition to normal stewarding activities this past year, Nancy and Bill were instrumental in getting a new metal roof placed on the Excavated Unit House. Because of their efforts, and with the help of the SFNF, the site will be protected for a lot of years. For acting as editor/publisher of Site Lines that helps us all keep up with activities in the SFNF Site Steward community. The Gallina Team is very lucky to have such long standing, dedicated stewards. Nancy was given a beaver fetish. Beavers are extremely energetic and exhibit great diligence in whatever they do. Their willingness to participate in purposeful and cooperative activity is part of their medicine.*



Nancy and Ann

Photo by Irene Wanner

Nancy Hudson: *For monitoring Boletsakwaa for six years as a steward in the Jemez Area; for organizing and assisting with the silent auctions for both SFNF as well as Site Watch stewards. Nancy served as Member at Large in 2013 and 2014 and currently serves as Budget Coordinator for the Council. She is always enthusiastic and enjoyable to work with. Nancy was awarded a beaver fetish. Beavers are extremely energetic and exhibit great diligence in whatever they do. Their willingness to participate in purposeful and cooperative activity is part of their medicine.*

Bill Cella: *For serving as a site steward since 2003; for monitoring as many as seven sites a season; for consistently going above and beyond whatever the task. In addition to normal stewarding activities this past year, Bill and Nancy were instrumental in getting a new metal roof placed on the Excavated Unit House. Because of their efforts, and with the help of the SFNF, the site will be protected for a lot of years. The Gallina Team is very lucky to have such long standing, dedicated stewards. Bill was awarded a bear fetish. Bear fetishes are used for healing, protection, strength, journeying, hunting and gathering. Bear's hibernation reminds us of the value of going within.*

(Nancy Hudson and Bill Cella were unavailable for photos.)

Annual Meeting (cont)

J. Michael Bremer: *For founding the Santa Fe National Forest Site Steward program in the late 1990s, and continuing to provide leadership and involved support so that the program remains vital and growing eighteen years down the road. J. Michael, a.k.a. Mike, leads the Site Steward Program with a unique blend of technical expertise, a great sense of humor and tolerance for the occasional foibles of stewards. As Forest Archaeologist and Heritage Program Manager, Mike is supportive of continuing education projects which include the Spring seminars, sponsoring tours to various archaeological sites and participating in field research projects that involve stewards. Furthermore, Mike is a heck of a good guy and plays a mean guitar.*

Jason McInteer: *For benchmark performance in 2015, providing leadership in heading up the re-roofing of the excavated Gallina unit house. The stewards have always appreciated Jason's efforts to keep us in line with road permits, ID cards, and job hazard descriptions; but in 2015 he outdid himself. 2015 being a wet year, needed manpower and equipment was available. Jason seized the opportunity and organized a group of some 20 SFNF staff and fire crew plus five Gallina site stewards to remove the existing roof and construct the replacement structure. After four days of mighty effort, the old roof debris was hauled away and the new metal roof was completed. The promise that this site would continue as a unique educational tool has been realized. Great job, Jason!*

Annmarie Kmetz: *For, at the onset of becoming District Archaeologist of the Pecos Region, Annmarie's immediate linking with the Pecos Site Stewards to learn about the Pecos sites and the stewards' experience in monitoring them. She is very accessible to team members and promptly responds to questions about site access and security and furnishes updated documentation upon request. When the Pecos range crew erected a new fence in Anton Chico blocking access to an important site, Annmarie personally visited the field and created a gate in the fence to provide safe access for the stewards. Her presence in the Pecos office has been a huge benefit to the ATL and the site stewards of the Pecos.*

Jana Comstock: *For demonstrating her commitment and support to the SFNFSS program through her attendance and participation in many steward events including lectures, tours and educational events (even if her boss, Annie, didn't make her ...). Jana is always cheerfully willing to look up and provide information we need and shares her consid-*

erable knowledge and insights. She is a delight to work with in the field, has a wonderful eye and explains what she observes. It is a pleasure to have the dedicated support from someone who loves archaeology as much as we do.

Annie Baldwin: *For serving as the god-mother of the site stewards. Annie is a strong and consistent supporter of our stewarding activities. She always makes a special effort to verify we all are personally happy and healthy, offering empathy, sympathy and advice as needed. She is a wonderful field archaeologist, sharing her considerable knowledge and taking advantage of teaching opportunities. And, Annie is the only "steward" who can get Mike to stop leading a tour in a blinding snow storm.*

Congratulations to everyone!!

Lunch, as usual, was plentiful and scrumptious. Various dishes with chile seasonings were supplemented by salads, breads, and desserts. By now, we're professionals at creating the full range of items that make for a pleasant afternoon. No one went hungry.

Our afternoon speakers' topics were all about the Abiquiu Lake area: History of Abiquiu Dam and local Corps of Engineers projects; Excavations at Abiquiu Lake and the Piedra Lumbre; and the Archaeology of the Ghost Ranch Region.

Jonathon VanHoose, archaeologist with the Albuquerque Corp of Engineers, presented a talk on some of the history and archaeology of Abiquiu Reservoir. The majority of the Corp of Engineers work deals with water resources, including flood control, dams, levies, coastal areas, and eco-restoration. The Albuquerque office oversees New Mexico, southern Colorado, and west Texas, and includes nine dams.

Jonathan pointed out that once you have a body of water you also have human recreational usage that needs to be planned and provided for.



Jonathon Van Hoose

Photo by Paula Lozar

Annual Meeting (cont)

The original plan for northern New Mexico in 1948 was to build two flood control dams, one at Abiquiu and one at Chamita. It was later decided to just build one bigger dam at Abiquiu; the construction ran from 1956 to 1963.

The area of the dam and reservoir contains archaeological evidence of habitation from the Paleoindian period through modern times. Most of the sites that have been dated fall in the Late Archaic period.

Before the dam was built there were two major archaeological projects in the immediate area. In the 1930s Frank Hibben excavated the Riana Pueblo, an ancestral Tewa pueblo from the Wiyo Phase. The excavation determined that this was an adobe pueblo built all at once in a single construction period. Riana was a rectangular shaped pueblo with 30 to 40 rooms, a single plaza and single kiva. The pueblo appears to have been occupied for a relatively short time and had a palisade surrounding it.

The second major excavation was conducted at Palisades Pueblo by Stewart Peckham in 1958. At the time of the excavation it was believed that the area the pueblo occupied was going to be covered with water. Palisades was a masonry pueblo that had a palisade or fence type structure surrounding the pueblo. It was also an ancestral Tewa pueblo from the Wiyo Phase, rectangular, with 30 to 40 rooms, a single plaza and single kiva. The pueblo seems to have been built around 1312 and occupied until approximately 1350 AD when it was burned and abandoned. This summer Sam Duwe brought a field school to the site to do some archaeological research that involved no new excavation but included re-screening of some of the originally removed soil, re-mapping, and survey work.

In 1966 with the passage of the National Historic Preservation Act new laws were put into effect which required archaeology survey work to be performed before further water impoundment or development was done at the reservoir. In the 1970s three major surveys were completed before the level of the reservoir could be raised. Several hundred sites of various size and time periods were discovered during these

surveys. In the 1980s more survey work was done ahead of the reservoir level being raised due to the San Juan-Chama Water Project. These surveys produced a lot of raw data but most of it has not yet been written up.

Aside from Sam Duwe's non-invasive research project at Palisades, currently the only archaeology work that is being done in the area is National Historic Preservation Act Section 106 driven work. Jonathan described this work as small piece meal projects before new construction, recreation facilities, and other improvements.

-Beth Parisi

The afternoon's second speaker was Curt Schaafsma. Mike figured we all knew who he was, so gave no further introduction. Mr. Schaafsma then introduced himself as "Polly's husband," and got a big laugh. His topic covered the insights he'd gained from work in the Abiquiu Lake and Piedra Lumbre area. He noted that he had done contract archaeology since 1960, and cited Navajo Reservoir as one piece of salvage archaeology with which he'd been associated.



Curt Schaafsma

Photo by Paula Lozar

In 1974, the Archaeological and Historic Preservation Act (AHPA, commonly known as the Moss-Bennett Act) was passed. It called for "preservation of historical and archaeological data (including relics and specimens) which might otherwise be irreparably lost or destroyed as the result of any... federal construction project or federally licensed activity or program" ..(nps.gov/archaeology). Additionally, it stipulated one percent of a federal project could be set aside for "recovery, protection, and preservation of any data deemed endangered."

Annual Meeting (cont)

Construction of Abiquiu Dam qualified for cultural resources management under the act, and that year Schaafsma began a survey below 6,180 feet, returning in 1975. All pottery post-dated 1600. No metal or glass was found. So who lived here? A couple of hundred sites were found and, amazingly, 23,000 lithics, mostly Pederal chert but also some Polvadera obsidian from the Bandelier region. By 1977, he had assembled profiles of a great many stone tools.

With such large samples, Schaafsma said, it's possible to define lithic industries of different cultures. He was reluctant, however, to commit himself to identifying the answer to the question of who had lived here. Instead, he suggested audience members read chapter 9 of his book, *Apaches de Navajo - Seventeenth-Century Navajos in the Chama Valley of New Mexico*. In addition, he has sent a pdf of "Geology in Archaeology" from *Prehistory and History in the Southwest* edited by Nancy L. Fox and a 1978 *Discovery* article overview to Mike, who has posted links online.

-Irene Wanner

Chris Crews, archaeologist at Ghost Ranch, spoke about three rock shelters that exhibited multiple occupations. Two were excavated by the Ghost Ranch Archaeological Seminar, and one was excavated by Chris as his dissertation topic with a crew from Texas A&M University. Two are located near a perennial water source in a flowing creek and standing pools, as well as a nearby fresh water spring. All were occupied the late summer and early fall – the monsoon season.

Chris Crews

Photo by Paula Lozar



One of the two near water sources (GR-2) was identified by hikers who found two ceramic vessels eroding out of an arroyo wall. Dr. Florence Hawley Ellis examined the site and found wooden posts sticking out of the ground; she estimated that the site would only be 3m deep and about 1000 years old. Excavations by the Ghost Ranch Archaeological Seminar over a period of 25 years determined that the site dates from about 8500 BP to AD 1916. Chris estimated that every 10 cm of fill covered about 200 years, with 3m of cultural deposition. Found were multiple hearth forms; over 350 projectile points and fragments mostly of obsidian; b/w, red and undecorated wares that dated prior up to AD 600; and fractured and burned bone fragments from small fauna.

The second of the two sites (GR-145) showed many of the same characteristics, and also had multiple occupations—from about 2500 BP to historic times as a cowboy camp. It is located along Canjilon Creek, a perennial water source upstream from GR-2 and GR-502. Found were multiple hearth forms, about 100 projectile points, and similar ceramics to GR-2. Based on the faunal remains, Chris speculated that this site may represent a deer run – deer were stampeded on a meadow above the site and directed toward the rock shelter drop-off.

Site GR-502 is located along Bull Canyon, downstream about 200m from GR-2. The site was excavated in 2010 (2x2 unit) and 2012 (3x3 unit) by Chris and his crew from Texas A&M. The findings included multiple hearth forms, 12 projectile points, no ceramics, and small, broken and burned faunal remains (like GR-2). Chris elaborated on the hearth forms; some were fire-cracked rock concentrations (500 BP-unknown), open burns (1000-500 BP); formal bowl hearths (5000-1000BP), and unknown (5000BP). The implications of the variety of forms suggest a variation in the length of the occupation, e.g., open burns, simple preparation imply a brief stay. The earliest occupants were probably highly mobile hunter-gatherers who preferred obsidian over the more difficult-to-work Pederal chert. Later occupants were also mobile, but were more likely to be horticulturists who made more formal groundstone technology. These occupants used more Pederal

Annual Meeting (cont)

chert. The Athabaskans were also mobile hunter-gatherers. Historic users included local Tewa, Ute, Navajo and Apache herdsman.

Chris was clearly very enthusiastic about archaeology, one of the many archaeologists who love what they think about and do.

-Nancy Cella

The meeting concluded about 5 p.m.

At right, silent auction in progress

Photo by Kay Lee



Site Steward Foundation Update

The Site Steward Foundation is pleased to announce that we are again offering grants totaling \$1,000 in 2016. During 2015, a grant for \$400 was awarded to the Santa Fe National Forest site stewards for additional temperature sensors for expansion of the research of ridgetop and valley site temperatures in the Gallina area. The Foundation also awarded a grant for \$1,000 to the Mesa Prieta Petroglyph Project for new trail and rock art signage on Mesa Prieta. Contact Gary Newgent for a 2016 grant application at garynewgent@yahoo.com.

The 2016 tour of San Juan County Utah was held March 31–April 2, 2016 and attended by five site stewards, Irene Wanner, Chris Gardner, Stella Davidsen, Anne Ravenstone, and guides Shelley Thompson and Gary Newgent. The trip consisted of easy to moderate day hikes visiting about three sites per day west of Blanding, Utah.

The Foundation sponsored and hosted the 2016 annual meeting of the Archaeological Society of New Mexico at The Lodge Hotel in Santa Fe on April 29–May 1, 2016. The meeting program was “Rio Grande Migration, Ethno-Genesis and Historical Archaeology in the Santa Fe Area.” The Saturday sessions consisted of three, two hour moderated panel discussions with three speakers on each meeting topic panel, including questions and answers. Seven field trips were offered on Sunday in the Santa Fe area to all attendees.

A two-day training session for South Park Colorado site stewards was held during July, 2016 for the second year in a row by Beth Parisi and K. Paul Jones for 14 site stewards in Fairplay, Colorado.

Spaces are still available for the Foundation sponsored tour of rarely visited pueblos and rock art near Mountainair, New Mexico on October 29 and 30, 2016. information on the Mountainair Tour www.sitestewardfoundation.org

The available funds of the site steward programs supported by the Foundation as of September 12, 2016 reflect the following amounts: SFNF site stewards - \$2,497, New Mexico SiteWatch - \$1,912, South Park, Colorado site stewards - \$351, plus the Foundation’s general fund of \$6,286 for a total of \$11,046.

The Foundation currently has a total of 99 members. Please help us make our goal of over 100 members in 2017! If you are not a member of the Site Steward Foundation, or have not renewed your membership for 2017, please consider joining or renewing today. The Foundation now accepts debit and credit cards for membership dues and donations on our website www.sitestewardfoundation.org. If you would like to be notified of Foundation tours and activities, please subscribe to the email list on the Foundation website.

—Gary Newgent, President

Site Steward Perk – Arroyo Hondo Tour - October 15

Now, here's a tour you don't want to miss. Here are some details from Mike. Please check Mike's September 29 email on the List Serv for the attachments: Acknowledgement of Risk Factors and a handout from the Archeological Conservancy. Let him know if you're interested.

When: Saturday, October 15th
How long: Approximately 11:00 to 2:00
Conditions: Moderate terrain, be prepared to walk over rough ground, not long distance just moderate terrain.

What to Bring: Normal field touring gear, hat, sunscreen, water, walking sticks if needed, camera, suitable clothing for rain or shine, snacks and a moving lunch, we probably will not take a break for lunch.

Where to Meet: El Gancho parking lot where we will consolidate into as few cars as possible (El Gancho is just up the road from Harry's Roadhouse at the next light)

Contact: Mike Bremer, 505-438-5380 or mbremer@fs.fed.us

Limit: 25 people with a wait list

Site Steward Foundation Tour, October 29-30, 2016

The Site Steward Foundation is pleased to announce our next archaeology tour outside of Mountainair, NM, on Saturday, October 29. We will visit two back-country pueblo sites on the Cibola National Forest. The Forest archaeologist, Jeremy Kulishek, will lead our tour. On Sunday October, 30th, 2016, we will visit the Abo unit of the Salinas National Monument. This will be a half-day private guided tour lead by Ranger Murt Sullivan to see the petroglyphs at Abo.

Please contact Beth Parisi - osito@newmexico.com. or 505-577-4066 with questions or for more information. Space is limited.

SATURDAY, OCTOBER 29th: 4 WHEEL, HIGH CLEARANCE VEHICLE REQUIRED OR CAR-POOL. Meet 9:00 a.m. in Willard at the vacant lot at the intersection of Hwy 60 (8th St) & Hwy 42. Our good friend Jeremy Kulishek will lead us on a tour of Pueblo de la Mesa and Pueblo Colorado, and Pueblo Blanco if there is time. Jeremy is now the Forest Archeologist/Heritage Program Manager of the Cibola National Forest and National Grasslands.

SUNDAY, OCTOBER 30th: Meet at 10:00 am at the Abo Unit of Salinas Pueblo Missions National Monument, Hwy 60. We will have a half-day private tour with a ranger Murt Sullivan at Abo to see the petroglyphs.

The cost of the tour is \$50.00 for Foundation members or \$60.00 if you are not a member (includes a \$10 membership for 2017) per person. Please RSVP with the names of those attending and cell phone number to osito@newmexico.com. Payment can be made by credit card on our website: <http://www.sitestewardfoundation.org/donate/index.php> or by check made payable to Site Steward Foundation, PO Box 32224, Santa Fe, NM 87594

MOTELS: There are two motels in Mountainair, both are said to be plain and clean.

TURNER INN AND RV PARK, 505-847-0248; 503 E. Broadway, Mountainair . <http://www.turnerinnandrvpark.com/>

THE ROCK MOTEL, 505-847-2577; 901 US Highway 60, Mountainair <http://www.therockmotel.org/>

If you are looking for more upscale accommodations or a chain motel Belen is the closest large city in the area. Belen is about a 50 minute drive from Mountainair.

Camping is also available in the area.

RESTAURANTS:

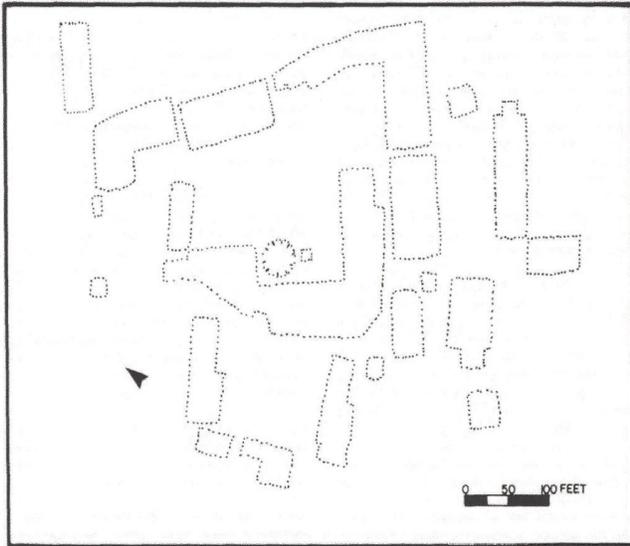
The Bakery at Mountainair - 217 East Broadway, Mountainair, NM 87036, 505-400-7734 Open Fridays and Saturdays. Breakfast: 9 am to 11 am, Lunch: 11 am to 2 pm, (Closed: 2 pm to 6 pm) Dinner: reopen at 6 pm, (Reservations highly recommended)

Site Steward Foundation Tour (cont)

Ancient Cities Café - Hwy 60, Mountainair, NM 87036, 505.847.2368 Breakfast, Lunch, Dinner
 Mon – Sat 7:00 am to 8:00 pm, Sun 8:00 am to 8:00 pm

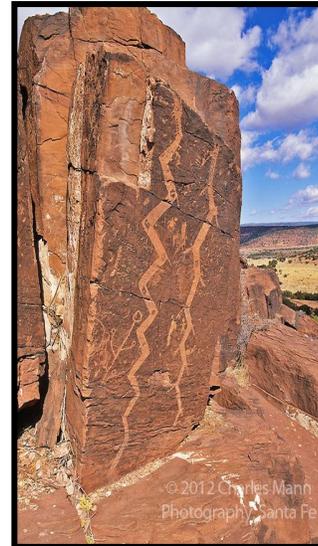
Alpine Alley - 210 Summit Ave N, Mountainair, NM 87036, 505-847-2478, Mon - Fri: 6am - 2pm;
 Saturday: 8am - 2pm; Sunday: Closed

The Shaffer Hotel is currently closed.



Map 12. Pueblo Colorado (LA 476) [after Mera 1940b: 295].

Pueblo Colorado



Abo Petroglyph

Introducing Two New Stewards – in their own words

Anne Beckett is a member of the Gallina Team. She has had an avocational interest in archaeology since high school after hearing Louis Leakey speak. Anne has done site surveys in Nevada, wet site excavation in Washington State, participated in lab and excavation work through Crow Canyon Archaeological Center, and went to field school under Kate Spielmann of ASU – working at Quarai Pueblo, Salinas National Monuments. Anne arrived in New Mexico in 1995 to complete a graduate school internship at the A:shiwi A:wam Museum and Heritage Center in the Pueblo of Zuni. That 12-week internship turned in to four years of living and working in Zuni. Retired, Anne recently built an off-the-grid house in Youngsville, and enjoys hiking, gardening, traveling and volunteering at Ghost Ranch.

Wendy Dolci recently joined the Site Steward program as a member of the Gallina Team. She and her husband Bob moved to New Mexico in 2012.

Wendy had a twenty-four year career with NASA, at Ames Research Center in the San Francisco Bay Area, where she was a Mission Director for NASA's Kuiper Airborne Observatory and for NASA earth science aircraft. Upon her retirement in 2011, she was the Associate Director for Operations at the NASA Astrobiology Institute, a virtual institute for the study of life in the universe. Since moving to this beautiful land, Wendy has become an avid hiker and spends as much time as possible roaming the hilltops and canyons. In 2014 she started a women's hiking group, organizing weekly hikes in the Abiquiu area and beyond. She also creates mosaic art using tile, glass, and stone, and enjoys painting in watercolor and acrylic.

Welcome, Anne and Wendy!

Wednesday Evening Lectures

"When Lightning Strikes Twice! Correlating Lightning Strikes and Rock Art Imagery" (October 5)

As Mike proclaimed, the amazing John Pitts regaled us with a lecture that illuminated the rock art scene in a different way. All of us have seen marvelous examples of rock art, but making the connection between the natural phenomenon of lightning and how prehistoric people may have expressed their interpretations was (to me, at least) illuminating. Rock fulgerites are the product of lightning hitting rocks; the shape, size, and appearance of a fulgerite depends on the composition of the rock and the temperature of the lightning. For a more science-based definition, check Wikipedia.

Here is John's introductory prose again: *Lightning strikes are one of the most visual elements found in nature. Hence, it is not surprising that Native Americans have been captivated for eons by the power of lightning. Evidence of that is seen in the frequent depictions of lightning in rock art images, pottery designs and textile patterns, as well as the role lightning plays in many of the stories of those ancient cultures. Mr. Pitts has studied the phenomenon of lightning bolt tracks on rock/cliff surfaces, called rock fulgurites, for years.*

His research has raised a number of questions pertaining to the frequency of those strikes, the dating of them, and the possible connection to the associated rock art. Since little has been established scientifically in relation to lightning bolt strikes to date, the field is wide open. Mr. Pitts will present certain theories concerning the relationship between the rock fulgurites and rock art imagery portraying nature and human survival.



Boulder strike near Paliza.

Photo by John Pitts

Responding to my guess about the meaning of his title, John replied:

"Striking twice is a reference to the lightning bolt strike which leaves its mark on rocks and cliffs and then is transposed onto rock surfaces by those who live near and observe the markings."

As demonstrated in rock art depicting the solstices, meteors, and starry ceilings in rock shel-

ters, we know that prehistoric people noticed the night sky phenomena and seemed to integrate its power into their lives; interpreting any rock art panels is always speculative, as John pointed out several times during his talk.

John brought two lightning stones, smooth white round rocks that when rubbed together vigorously, produce sparks—small sparks to be sure—but sparks they were. Lightning bolts on rock—whether basalt, sandstone, or tuff—have distinguishing characteristics: there is often damage to the rock at the top of the strike, and white lines continue downward toward the earth. Some of the images showed zigzag and split off lines at the base; the zigzag forms were most often copied in the rock art.

John showed many slides that portrayed lightning strikes in complex rock art patterns; other elements probably represent fertility—corn stalks, flute players, birds and mammals. Also depicted were rain and cloud symbols. Some lightning strike patterns were natural (the rock art was superimposed on the natural lines), and some lightning strike lines were incorporated into the rock art panel. It was pretty obvious that John's search for lightning strike rock art was extensive; the photos were taken in many places in the Southwest: Jemez Mountains, Three Rivers, northeast Arizona, Utah, etc. Because lightning often strikes in high places, that's where John, and companions, went.

Some of the rock art panels featured a human with a lightning bolt in one hand and a club in the other. Does this represent a defense of a water source? The connection among the rock elements seems to be: lightning = water = fertility in plants, animals and humans. All of these natural phenomena are good for human subsistence—water is good, as it continues to be in the Southwest.

John requested that site stewards send him photos and directions to more examples of lightning bolts in rock art. His email is serene-pix@comcast.net. Well done, John, and thanks for your careful preparation of your talk and for the many miles traveled to obtain photos.

-Nancy Cella

Site Lines

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Program

Co-editors
Irene Wanner
570 Vista Hermosa
Jemez Pueblo, NM
87024
iwanner@uw.edu
(575/829-3357)

Nancy Cella
84 Ponderosa Place
Jemez Springs, NM
87025
nancycella@spinn.net
(575/829-4634)

We're on the Web
www://snfsitestewards.org

Future Lectures:

- November 2 Steven Moffson. "Understanding the National Register in New Mexico" Not the dry stuff of stats, but the living breathing stories of people and places of historic value to the people of N.M. Mr. Moffson is well prepared for his job as architectural historian and the State and National Register coordinator for the New Mexico Preservation Division. Statewide he has investigated segments of the Camino Real and the various Santa Fe Trails. Several historic districts as well as native and traditional cultural properties are also within his bailiwick. His degrees are from Delaware and Pennsylvania. He was previously awarded the Paul E. Buchanan award for his Martin Luther King, Jr. National Historic Site historic resource study from 1996-2013.
- February 1 Jana Comstock, "The Shining Stones in the San Luis Valley."
- March 1 Emily Brown and maybe Rory Gauthier. The Genizaro near Abiquiu
- April 5 Larry Baker, Director, Salmon Ruins Museum. Navajo Pueblitos and fortified outliers.

Save the Dates

- October 15 Field Tour of Arroyo Hondo site.
- October 22: Albuquerque Archaeology Society 50th Anniversary Open House, 1-4 p.m. at the Open Space Visitors Center, 6500 Coors Blvd. NW. Music, refreshments, activities, displays. Visit www.abqarchaeology.org
- October 22: Council Meeting, 9 a.m. Santa Fe National Forest office conference room
- October 29 Field Tour of Pueblo Colorado and Abo petroglyph; 11-2 p.m.



And just for fun, here's a photo of two ponderosa pine sprouts, seen in abundance in the forest this summer.

Photo by Jo Douglas

At right, a morning moon
over Abiquiu Lake

