



SITE LINES

VOLUME 9 ISSUE 4

NOVEMBER 2010

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Dates to Remember

- Nov. 3. Educational Meeting, Polly Schaafsma
- Jan. 6: Educational Meeting, David Phillips
- Jan. 22: Quarterly Council Meeting, 10 a.m.
- Feb. 2: Educational Meeting, Mike Wessel
- Feb. 18: SS Foundation Annual Meeting
- Mar. 2: Educational Meeting, Jessica Badner
- Aug. 11-14: Pecos Conference, Kaibab NF, AZ
- Sept. 16-18: SFNFSS Annual Meeting, San Antonio Campground, Jemez Area

Message from the Council Chair

We had a wonderful weekend in the Pecos Wilderness at the 2010 annual meeting. We had perfect weather, great food, interesting educational sessions, and fun, fun, fun. Cathy Gates and the Pecos stewards gave us tours of sites on Rowe Mesa that included a rock shelter and Archaic rock art that was 3,000 – 5,000 years old. The views from Rowe Mesa were expansive from the Manzano Mountains to the Truchas Peaks.

The silent auction raised more than \$700.00 for future site steward activities. We had an incredible array of items that included a telescope, pictures, art work, jewelry, a picnic basket, a hand-woven rug, and photo albums to name just a few. Thanks to all who brought items in for auction

and to those who purchased them.

I want to thank everyone who made the event so successful. There are a number of people I especially want to thank: **Shelley Thompson** stepped up to organize the chili cook-off and the silent auction; **Chris Gardner** handled registration at the meeting; **Will Dearholt** provided fire wood for the evening and morning fires that kept us warm and provided a gathering place for the campers; **Jeremy Kulisheck** wrote the excellent trivia questions and the state-of-the-forest and safety presentations in Mike Bremer's absence. Last but not least, thanks go to **Cathy Gates and the Pecos team** for conducting the Sunday site tours.

The quarterly council meeting was held on Saturday, October 23, in the Forest Service office conference room.

The council will be looking for volunteers to fill several team openings: a Caja del Norte area team leader and assistant team leader, and an assistant team leaders for the Pecos and Gallina areas, who will become Council members. Also needed are a new budget coordinator and secretary. If you are interested in serving in one of these positions, please let us know. If you are contacted, please consider taking on a leadership role in the organization. We're a great group of people to work with.

- Ann White

Annual Meeting Summary

Fall at 9,000 feet tends to be delightfully warm during the day and a little chilly at night in mid September. And so it was at Jack's Creek Campground in the Pecos area for some 30 attendees. Some camped out and others came for Saturday's events, but all left informed, entertained, and very well fed. Thanks to Mike and Jeremy for reserving two group areas at the end of the road in a beautiful open basin.

Ann White called the business meeting to order at 10:00 on Satur-

day, welcomed everyone, and provided an overview of the weekend's activities. Budget coordinator K. Paul Jones explained his role: he prepares the site steward budget for the year, receives and approves any expenditures, and forwards the request to Ray Willison, treasurer of the Site Steward Foundation, for payment. Ray also deposits funds and prepares all financial statements for both the SFNF site stewards and SiteWatch stewards. The Foundation annual dues run for the calendar year. Any memberships received after September 1 run through the

next calendar year. If you are a 2010 member and do not renew in 2010, your membership will be good through 12/31/2010. Please contact Ray Willison (rwcpwill@aol.com) for any questions about the Foundation membership dues.

Ann announced changes in the council since the previous annual meeting. Diane Lenssen and Courtney Perkins are new members at large; the vice chair is Von Whitley; and the new education committee chair is Gail Bryant. David Strip and Elaine Gorham

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are new co-area team leaders of the Gallina.

Area Team Leaders Gary Newgent, Elaine Gorham and David Strip, Will Dearholt, John Morris, Cathy Gates, and K. Paul Jones reported that new stewards have been oriented to their areas. Many are now monitoring sites on their own. Several stewards have transferred to other areas: Gary Newgent and Shelley Thompson have joined the Gallina team; Bob Greene and Mac Read have transferred to the Caja del Norte, and Ray and Corinne Willison are now on the Pecos team. Monitoring activities have proceeded throughout the season.

Communications Committee

Website: Our website serves as a first impression to the general public, and has been operating for several years. This year, the site steward council approved a new banner and the redesign of the entire site. Special thanks go to Molly Duncan and her crew at *Desert Elements* for the very professional web design work at no charge to us, and to Cathy for coordinating the work with Molly. Ron Krantz has been a faithful and skillful webmaster for the past several years and has recently updated and renewed the site. Ron has been unable to find software that will let him maintain the site as he would like. Cathy Gates volunteered to look for affordable software that will facilitate website maintenance.

Yahoo List Serve: Initiated several years ago, this Yahoo service helps distribute general official information to all site stewards who sign up. Jemez area steward Ted Greer is our list serve manager. He initiates an invitation to join to new site stewards and removes names when stewards leave the program. Many thanks

to Ted for working out all the glitches involved with getting new stewards signed up and keeping the list current.

Site Lines: Since late 2007, Irene Wanner and Nancy Cella have served as co-editors of the group newsletter. The goal is to produce four issues per year on a more or less regular basis. The editors welcome any and all contributions – prose and photographs – from all site stewards. Mike Bremer writes a regular column.

Your comments and suggestions for future topics are welcome any time at nancyella@spinn.net and iwanner@uw.edu.

Training Committee 2010

The initial meetings of the Training Committee began in June 2009; the original committee consisted of Irene Wanner, chair, and members Sandy Seehaver, Jan Stone, Will Dearholt, John Morris, Nancy Cella, and Shelley Thompson. Subsequent meetings delineated varied tasks: setting the date, preparing announcements, publicity, and the schedule for the training day, setting the application deadline, following up leads of potential new stewards, venue, etc. Meetings continued through the remainder of the 2009. Irene could not continue being committee chair because of work commitments at the time of the training (March 20), and Nancy Cella became chair in early 2010. Because of a poor response, the deadline of January 31 was ex-

tended to February 15. Eventually, we received 48 applications in all; the vetting committee of John Morris, Bill Cella, Lee Borduin, and



The big yellow tent

Photo by Isabel Caravahal

Jeremy Kulisheck approved 43 applicants, most of whom indicated that they could attend the March 20 session. On March 19, however, it became apparent that the snowstorm that began in that afternoon would make driving hazardous for all concerned. A new date of May 15 was set. Six approved applicants could not attend on May 15, all of whom are considered good candidates for interim training when team needs warrant adding more stewards. The remaining applicants either did not respond to the invitation to



Lunch is almost ready

Photo by Isabel Caravahal

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attend either session or indicated that they were no longer interested in the program.

Thirty applicants attended the May 15 session held in the Forest Service building conference room. One candidate for interim training was later added to the Gallina team. The net result of the 2010 training is that 31 new stewards were assigned to the six teams, with five approved applicants qualifying for subsequent interim training.

The trainees' evaluations were positive; many applicants commented favorably about the Forest Service facilities. Many thanks go to committee members Irene Wanner, John Morris, Shelley Thompson, Sandy Seehaver, and Will Dearholt.

Speakers who prepared and gave PowerPoint area presentations were Ann White (who not only gave her assigned presentation but also offered the Jemez area presentation for John Morris at literally the last minute), Will Dearholt, David Strip, K. Paul Jones, Phil Young, Bill Cella, and Ray Willison. Others also tackled many of the topics trainees needed to learn about. Mike and Jeremy (with enthusiastic help from a few stewards) set up two faux sites adjacent to the Forest Service office, and led the early afternoon field exercise.

Throughout the almost year-long process, Mike and Jeremy answered many questions and provided positive support to the committee in many ways.

Thank you all.

Field Operations

Bill Cella reported that he would prepare a formal response by September 30 to the Forest Service's Travel Management Plan alternatives. Requests for a

response were sent to ATLs in July; one ATL responded. The fall hunting schedule was published in the summer 2010 *Site Lines*; members were reminded to be careful while in the field. Remember that there is no hunting permitted on Thursdays and Fridays, and wear your florescent vests!

Site Steward Foundation

We have had some interest shown in the possibility of starting a lithics educational group. Educational activities could include field trips to identify different types of lithics and their uses, identifying lithic tools and points, lectures, educational materials, field trips to museums, etc. If you would be interested in participating in such an educational group or have questions, please contact Beth Parisi at bparisi@sitestewardfoundation.org or 505/982-1534.

To date we have held the following training sessions for the 16 stewards enrolled the ceramics class:

- Three in-depth classroom sessions about ceramics in the Southwest covering the attributes and descriptions of pottery, typology classifications, and review of pottery from A.D. 600 through historic Apache and Hispanic wares;
- Field trip to the School of Advanced Research Indian Arts Research Center;
- Field trip to the Gallina area to get a perspective of the landscape and cultural artifacts;
- Educational hands-on session with the Anasazi Heritage Center ceramics educational kit; and
- Establishment of an educational library on ceramics.

Upcoming scheduled events include 1) a three-part pottery-making course including creating our own vessels using traditional techniques and firing; 2) Gallina pottery collection analysis and classification. We will start our first lab and classification work with a Herbert Dick field

excavation collection from the Gallina area this winter; 3) in spring and summer 2011, we will start field trips and work in each stewarding area identifying and classifying ceramics for the Office of Archaeological Studies (OAS) database; 4) In fall 2011, we hope to start an outreach program for our second group of volunteers.

DO YOU HAVE IDEAS for an educational project you would like to see started or participate in?

If you wish to participate in future trainings or have questions, please contact Beth Parisi. Ideas for future tours include geology, botany, and architecture.

Tours: A tour to the Dittert Site, a small, probable Chacoan outlier southeast of Grants, was held on September 25.

Led by SiteWatch members Charles Kaplan and Rhonda Backinoff and BLM Park Ranger Paul Yoder, we visited the Dittert room block, as well as several large unexcavated room blocks in the vicinity. It is believed that this structure of approximately 30-35 rooms was occupied between approximately A.D. 1000 and A.D. 1350. The room block also contains an attached small round room that may have been a kiva. The structure was constructed in the Chacoan style of pecked sandstone. Several of the structure's walls and the round kiva are plainly visible today. Adjacent to the main L-shaped structure are several outliers, as well as several known field houses to the south and larger, unexcavated multi-story room block units to the west and north. The tour group also visited the great kiva and impressive petroglyphs approximately one mile east of the Dittert room block in alignment with each other and the Dittert Site.

Since 1958, this land and the surrounding area have been part of the El Malpais National Conservation Area, administered by the Bureau of Land Management. The Dittert site is

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part of a network of over 60 known sites in the immediate area indicating a very large community in this region during this period.



Foundation tour group at the Dittert site house mound

Photo by Bill Cella

The Foundation is planning a late March-early April 2011 tour of sites in southeast Utah. Pending BLM approval, this trip is a four-night tour in San Juan County, based out of Blanding, Utah. Attendees drive to Utah on a Wednesday and return home on a Sunday, with three full days in the field. More information will be forthcoming.

The Site Steward Foundation-sponsored silent auction at the annual meeting raised \$711.00 for the Santa Fe National Forest site stewards! Thank you all for your support in both providing and purchasing auction items. A special thanks once again to Shelley Thompson for organizing this great event.

The Foundation is presently seeking grant funding for an assessment to stabilize several sites in the Gallina area, signage for the Rattlesnake Ridge, and an ethics brochure. The annual meeting for the Foundation will be held on February 20 at the Hibben Center on the



The Foundation display table Photo by Isabel Caravahal

UNM campus.

-Beth Parisi and Gary Newgent

Forest Service Safety Considerations

Copies of a Job Hazard Analysis (JHA) were distributed to all ATLS to give to each site steward. This JHA pertains specifically to site steward activities on forest lands (driving conditions, hiking to/from sites, and monitoring sites), the potential hazards for each activity, and abatement actions. Site stewards will be asked to sign the official copy by spring 2011. CDs are available to any site steward who would like to view "Wild and Walking," "Meet your Feet," "Personal Safety in Remote Work Locations," and "Driving Mountain Roads." The two most obvious job hazards are standing dead trees and rock shelter situations, although more accidents occur on the highway and encounters with humans in the forest. Mike has budgeted for gloves and hard hats, which are available upon request.

State of the Forest

The Forest Supervisor, Dan Jiron, has left for a new position in California, and Erin Connelly is the acting supervisor. Heritage Resources staff changes involved personnel who have gone to permanent jobs or to graduate school. Matt Basham, Scott Bierly and Emily Long departed from the Supervisors Office, and Jennifer Boyd Dyer left the Jemez District. Heather Kennelly has recently been hired to help Anne Baldwin on the Española and Coyote Districts.

Responses to the Travel Management Plan draft environmental impact statement were due September 30. A decision regarding selection of one of the several alternatives is due by the end of December. The purpose of the plan is to manage motor vehicle use and motorized recreation on the Forest by designating limited roads, trails, and areas where motorized vehicles can travel. The Motorized Vehicle Use Map (MVUM) showing where travel will be permitted will be published in the spring of 2011. Over 6,000 acres have been surveyed for road management.

The Southwest Jemez Restoration Plan involves about 100,000 acres on mesas east and west of San Diego Canyon and the Valles Caldera. 12,000 acres were surveyed for the project in 2010. The restoration activities will include thinning, prescribed burns, and other ecosystem restoration activities.

Three major forest fires occurred early this season: Tecolote, South Fork, and Rio. Archaeologists were involved during the fire fighting and rehabilitation activities. In early October, hence not part of this report given at the annual meeting, a lightning strike started a fire on Virgin Mesa in the Jemez area. Some

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evenings, flames were clearly visible along the eastern edge of the mesa from Jemez Springs. Called the Virgin Canyon fire, it spread to more than 1,300 acres; it is reported 90 percent contained as of October 26. Recent rains have greatly assisted fire fighters.

The forest renewed permits for four grazing allotments: El Invierno on Española, Las Conchas on Jemez; and Laguna Seca and Simon on the Cuba District.

The forest conducted prescribed burns in the Gallina area on Coyote, and in the Chaparral area of Cuba. A lightning-caused fire was managed for resource benefit in the Hartman area of Pecos District. Additional prescribed burns are planned for the Thompson Ridge area of Jemez, the La Cueva area of Pecos District, and in the Santa Fe Watershed on Española.

The transfer of lands to San Ildefonso and Santa Clara Pueblos in the Garcia Area is scheduled to take place in January 2011.

Funds received from the American Recovery and Restoration Act have been spent mostly on recreation improvements, e.g., new toilets at trailheads and picnic areas, parking areas, and trail maintenance on the most used trails.

The Forest is marking its one-year anniversary in its new building and location in Santa Fe.

-Jeremy Kulisheck

Afternoon Educational Programs

Dr. Jeffery Blythe, Tribal Historic Preservation Office at the Cultural Affairs Office of the Jicarilla Tribe, talked about various aspects of the Jicarilla Apache use of the Pecos area. The traditional lands as defined by emergence stories are bounded by the Pecos, Rio Grande, Canadian, and Arkansas watersheds and rivers. Two clans, Red and White, claim land from

southern Colorado to Abiquiu (white) and plains from I-40 to the Arkansas River in Colorado. Clans are still an important component in Jicarilla Apache society today. A major ceremony at Stone Lake has taken place since 1885. Sacred to the Jicarilla people are the Pecos River and Cerro Pedernal.



Dr. Jeffery Blythe

Photo by Bill Cella

In general, Jicarilla archaeological sites tie into oral history and tradition. Many are difficult to identify, and usually feature micaceous pottery, rock art and tipi rings. Cimarron micaceous has large mica flakes and pointed bottoms. In the 1930s, Frank Hibben worked with elders, and claimed to have produced a typology of tipi rings. Characteristically, rings are 2.5 to 4 meters in diameter, have no interior hearth, and feature an east-northeast opening.

Jicarilla Apache activities in the Pecos area of the Santa Fe National Forest consisted primarily of procurement of game and plant foods. The Maxwell grant was also well used, and when it was sold in 1870, the Jicarilla went to live with the Mescalero Apaches for several decades. The Mescaleros said the Jicarilla "ate our trees" because in times of food scarcity, the inner layer of bark of ponderosa trees can be eaten, resulting in peeled trees. Typical rock art motifs include spirals, ladders, spiders, dogs, tipi rings; please contact a forest archaeologist if this rock art is encountered. Although of the Jicarilla use area is northern New Mexico, e.g., Chama area, Santa Fe Trail, Apache cultural remains occur

as far south as the Pecos Monument.

Gilbert Burkman, Assistant Archaeologist in the Pecos District, demonstrated the various techniques of preparing lithic items — tools, flakes, debitage, bifacial performs, projectile points — also known as flint knapping. Supplied with several kinds of rocks suitable for knapping and knapping tools of antler and stone, he pointed out the various forms rocks take in the process of being reduced: a core, dorsal and ventral surfaces, the bulb of percussion, the platform, primary and secondary flakes, debitage and waste flakes.

In this area, fine grained red chert is the most frequently used. Heat treating alters the chemistry of the rock by melting the silica to make it softer and thus easier to work. Vesiculated obsidian looks like popcorn. Frequently found are performs, pieces of stone that didn't flake well and couldn't be fixed.

Because of their efficiency, atlatls were used up to recent times; the bow and arrow worked better when horses were used in hunting.

Stewards were invited to practice flint knapping; new site steward, Susan Warren, now on the Pecos area team, volunteered.



Gilbert Burkman talks about flint knapping

Photo by Bill Cella

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The geology of the Sangre de Cristo Mountains talk was given by **Site Steward Jamie Gardner**, who presented a complicated topic in understandable terms.

Pre-Cambrian deposits are the very old rocks that make up the core of the Sangre de Cristos, and they formed over 10 miles deep. After being tectonically uplifted over millions and millions of years, layers of sandstone, limestone, and mud rocks were deposited on them, indicating the presence of a vast inland sea about 300 million years ago. Fault lines border the range. All are evidence of the early continent building of primordial North America. The Rio Grande Rift started opening about 30 million years ago, creating the sediment-filled basins we now see, and global forces continue to shape the rock structures today.

Glorieta Pass, a well-known break at the southern end of the Sangre de Cristo Mountains, has had a huge influence on human activities. It is a corridor through which Pueblo and Plains groups interacted, sometimes cooperatively and sometimes not. Relations between the Apache and Spanish worsened after the reconquest of the Southwest since the Apache aided their pueblo neighbors during the revolt of 1680. The site of a Civil War event, Glorieta Pass continues to be celebrated as a Union victory primarily because a group of Colorado regulars surprised and raided the Confederate supply train prior to the Union troops' arrival. And, of course, the route of the Santa Fe Trail is through the pass.

North of the village of Pecos, massive sulfide deposits of lead, copper, and zinc were noted in the 1880s, but the diffi-

culties of separating the metals from the sulfides delayed their exploitation until the 1920s when metallurgical techniques were sufficiently improved. Large mining operations yielded over \$40 million in 1930s' monetary values, until the late 1930s, when cave-ins halted operations. During its heyday, a 12-mile tramway was constructed to haul out the deposits. In the 1980s, the Environmental Protection Agency entered the picture and the tailings were finally identified as hazardous to the ground water supply and eventually to the Pecos River. At present, access is prohibited along the east side of a portion of the road to Jack's Creek campground that is adjacent to the old mine.

- Jamie Gardner

Site Steward Awards

Ann White presented several awards for meritorious service of site stewards. First to receive a special award of Nambe ware was **Jan Stone**, Council Chair 2008 and 2009. The tribute to Jan is quoted below:

"Jan and Ralph Stone trained as SFNF Site Stewards with Mike Bremer in 1999, one of the very early classes given. They began monitoring their sites in the Jemez Mountains near their La Cueva home at that time.

When the Cerro Grande fire occurred in May of 2000, the Site Steward Program fell by the wayside as the fire and its aftermath consumed all of Mike's time and attention, Jan was asked to partici-



Jan Stone accepts her Nambe award from Ann White

Photo by Isabel Caravahal

pate in a group led by Wayne Nelson to define, structure and form, with Mike's blessing, what is now the all-volunteer governed Site Steward Council and reorganization of the site steward program.

She and Ralph served as Area Team Leaders of the Jemez team until early 2008. Jan served as a member of the SS Council for 10 years as ATL of the Jemez area, Vice Chair and as the first woman Chair for both 2008 and 2009.

As Chair, Jan served with keen attentiveness to all Council activities and functions, provided leadership for the SS Program and maintained her wonderful sense of humor and perspective throughout. Thank you, Jan!"

Awards were also presented to Chris and Jamie Gardner, Ann White, Will Dearholt, and Cathy Gates. Following tradition, appropriate fetishes were presented with their certificates of appreciation:

Jamie Gardner (badger fetish)

"Ready, willing, and able! ALWAYS! From more site visits than anyone else to leading tours and seminars, Jamie is the man! Just don't try to slow him down. His enthusiasm and dedication are second to none."

Chris Gardner (beaver fetish)

"She came all the way from England just to become a champion site steward. Chris can do it all, and does it with the highest level of dedication, enthusiasm, and a super sense of humor."

Ann White (beaver fetish)

"She is a dedicated, active, and fun AATL. If that weren't enough, she volunteers for and performs just about every other hard job that comes along, for example: she updates the rosters; she chairs the Annual Meeting Committee, plays a major role in the training sessions and now is council chair. Ann is a SUPER site steward and volunteer."

Will Dearholt (mountain lion fetish)

"Our longest serving ATL, Will is interested, communicative, committed, and a joy to work with. He has been instrumental in reporting damage in the Garcia area. These updates helped the Española Ranger District close a user-created ATV trail. In addition, he has been a long-time member of the Annual Meeting and the Training committees. Will is the epitome of the perfect

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site steward. “

Cathy Gates (dragonfly fetish): *“What a leader! Cathy understands and implements all the positive aspects concerning the care and feeding of volunteers. She has been a willing and able associate whenever the need arises, especially in taking on the role of Pecos ATL and, most recently, overseeing the construction of our new website. Cathy has assumed her responsibilities with vigor, humor, and competence.”*

Trivia Contest

Also following tradition, Jeremy led the trivia contest and gave clear rules that produced winners, groans, sighs, blank looks, and eventually, the abandonment of the Jane Austen (??) category. Other categories, archaeology, lists, northern New Mexico, etc., were more manageable. Winners were awarded items donated by the Public Lands Information Center (www.publiclands.org), “your one-stop on-line source for maps, guide books, and information about hiking, camping, scenic driving, fishing, hunting, bird watching, boating, backpacking and bicycling on public lands in the west.” Thank you, John Morris.

Sunday Field Tours

Fourteen stewards started out on the Rowe Mesa tours on Sunday, 9/19/10. It was a warm sunny day with perfectly blue skies and views all around from the top of the mesa.

First stop was Rowe Mesa North, a site with nearly horizontal bedrock featuring 3,000 – 5,000 year old petroglyphs. The rock art was revealed as part of a PIT (Partners in Time) Project in the early 1990s and is considered unique in western rock art.

Eleven of the group went on to tour a rock shelter that dates from A.D. 1300. This shelter is in a side canyon that drains into the Galisteo Basin and considered to have been a temporary shelter for hunters coming from there. The remaining seven hardy souls visited the last two sites on the tour: another rock shelter that featured petroglyphs, also from an Archaic period, and lastly, Rowe Mesa South. This site is very similar to Rowe Mesa North with Archaic petroglyphs on horizontal bedrock. The site was also excavated as part of a PIT Project in the early 1990s.

Attendees included Ann White, K. Paul Jones, Will Dearholt, Diane and John Lenssen, Sandy Baker, Jamie and Chris Gardner, Ann Wymore, Gordon Groff, Gail Bryant, and Eleanor and Gary Gossen (Pecos stewards and tour leaders), and Cathy Gates, Pecos ATL.

-Cathy Gates



From left: Chris Gardner, Cathy Gates, Ann White, Gail Bryant, Jamie Gardner and Sandy Baker

Photo by Jamie Gardner



Ann White presents Chris Gardner with her award



Ann White presents Cathy Gates with her award



Will Dearholt receives his award from Ann White



Jamie Gardner accepts his award from Ann White



Beth Parisi tries her hand at pressure flaking with an antler while Elaine Gorham watches

Wednesday Evening Educational Meetings

Educational Meeting, Oct. 6

Speaker Bill Baxter was introduced by Gail Bryant, chair of the Education Committee, at the first in the series of monthly Wednesday-evening talks. Since 1998, Mr. Baxter has been the Archeological Conservancy site steward for the San Marcos Pueblo site. He has been very actively involved in the Santa Fe County Open Space program and continued participation when the Cerrillos Hills Park Coalition merged into the New Mexico State Park system. His talk, nicely illustrated by slides, was entitled "A Sprint through the Cerrillos Hills: A Thousand Years of Turquoise, Silver, and Avacite."

The principal geologic formation that contains minerals sought by a succession of inhabitants of the Southwest is the Ortiz porphyry, formed by intrusive rocks from earth's center; they date from 35 to 28 million years ago. Cerrillos Hills represent the interior plumbing of what's left over from these intrusive formations. Although preceding people may have known about the turquoise, the earliest settlement dated by ceramic types is a Chacoan-era seasonal camp that dates between A.D. 1000-1400. Another Chacoan-era link is with turquoise deposits in Nevada. The mineral galena was also sought for use as paint for pottery, e.g., Rio Grande lead glaze wares in A.D. 1500-1800 and beyond. The pueblo of San Marcos was built and occupied between the middle to late 1200s to the early 1300s by Keresan speakers, and later, became a Spanish mission until the 1680 Pueblo Revolt when it contained about 600 inhabitants. Known as Ya'atze (corn city in Keres), San Marcos was later known as tur-

quoise pueblo ruin in Tewa. Reliable springs nearby and its "proximity to the turquoise and lead deposits in the Cerrillos Hills were factors in the success of this pueblo. Covering approximately 60 acres, the San Marcos Pueblo had 22 room blocks enclosing from eight to ten plazas and about 2,000 ground-floor rooms" (website from the New Mexico State Office of the Historian).

Lured by the turquoise, silver, and galena deposits, two European villages were settled, one founded in the 1600s. After A.D. 1680, however, the land south of Santa Fe was abandoned, except for the pueblos of Santo Domingo and Pecos. The year 1695 was a time of turmoil, but by 1706, settlers were sent from Santa Fe to various settlements, e.g., Galisteo, and the Rio Abajo (Albuquerque). In the mid 1700s, the Comanche arrived in the area and kept it in a state of constant alert for raids. Subsequent events included the establishment of the republic of Mexico in 1821, the lifting of the embargo against eastern markets, and the initiation of the Santa Fe Trail.

The Bad Guys, godfathers of the later Santa Fe Ring, included a senator from West Virginia who previously was the territorial representative from New Mexico from 1893-1895. S.B. Elkins was a classmate of Tom Catron, was captured by the Clanton gang in Kansas, and subsequently moved to New Mexico where he accumulated property that later elevated his eligibility as a senator. In 1879, he filed claims and established Carbonateville (for more details, Google the town name).

Other individuals with tales attached include D.C. Hyde, J.P. McNulty, and Mariano Sena. George Kunz was a gemologist for Tiffany & Company, which successfully promoted turquoise as a mineral of value in its silver jewelry in the early 20th century. Although the surface land was controlled by claims, by

1907 people from Santo Domingo were visiting the mines during the night to mine turquoise for their use. Caught in 1909 by mine owners, one trader claimed the night-time raiders were from Cochiti. Following a decline in perceived value, turquoise returned to its early 20th century value after World War II.

Although prospectors sought gold, little was found. As Mr. Baxter quipped, if you're a prospector who isn't having much luck, be sure to mention gold to prospective buyers of your claim.

At present, the principal mine is privately owned, and there are still a few claims. No industrial mining has taken place since the 1950s.

-Nancy Cella

Educational Meeting, Nov. 3

Polly Schaafsma's talk is entitled "Xeroxed in Stone: Early Navajo Rock Art." Ms Schaafsma has degrees in art history and anthropology and has been a busy lady since 1961 garnering a number of awards and fellowships for her research. Her writings have been prodigious! As author, editor or contributor she has added greatly to the interest in native rock art. Her four books on rock art in the Southwest have become standard texts. She has a new book, with Kelley Hays-Gilpin, entitled *Painting the Cosmos: Metaphors and World view in Images from the Southwest Pueblos and Mexico*.

Additionally, she continues to be involved with curating, organizing, chairing, participating, lecturing and instructing for numerous seminars. She even hikes and camps with groups showing them the treasures of the area.

The Forest Service office will be open by 5:15 p.m. for the brown bag supper, and the talk will begin at 6 p.m. Site stewards, friends, and guests are welcome.

- Gail Bryant

Site Lines

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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://sfnfsitestewards.org

Bandelier National Monument Visitor Center Reopens/ Juniper Campground Temporarily Closed

On August 25, the historic CCC visitor center facility at Bandelier National Monument was reopened after extensive renovations. Exhibits have been expanded and updated, putting on show many items that have long languished in storage. The visitor center is open every day except Christmas and New Year's.

Bandelier's Juniper Campground, which hosted our annual meeting a few years ago, is currently closed for remodeling. It's expected to reopen in spring 2011.

News from Nearby

Field school students excavated a Folsom site near Albuquerque for the second year in 2010. For a brief overview of finds and activities, check out <http://tinyurl.com/3y9wywg>.

From the Site Steward Council: Two New Officers Sought and All-Steward Survey

Nominating Committee

At its October meeting, the Site Steward Council appointed three members to a Nominating Committee. Jeremy Kulisheck, Courtney Perkins and Nancy Cella will be seeking two candidates for the Council positions of Secretary and Budget Coordinator. Both positions require that the stewards be certified, and that they agree to serve for one year, with the option of serving an additional year.

The Council Manual states that the secretary:

1. *"Records proceedings of Council, Annual and general meetings.*
2. *Prepares draft minutes for Council review.*
3. *Participates in review and revision of Council documents*
4. *Maintains official records of operations as defined in V.E.2 " (other documents).*

The Council Manual also states that the Budget Coordinator:

1. *"Authorizes disbursement by Site Steward Foundation Treasurer of funds awarded to SFNF Site Steward. Maintains records reflecting the disbursement of these funds.*
2. *Prepares and submits reports on transactions and status of SFNF Site Steward Finances at each quarterly meeting.*
3. *Develops annual budget for Council approval and submits to Site Steward Foundation*

4. *Participates in annual audit of receipt, disbursement, and reporting records as requested by the Council"*

Council meetings are held quarterly, typically the last Saturday in January, March, June, and November, with the annual meeting held in mid September.

If you are interested in one of these positions, please contact a member of the Nominating Committee:

Jeremy, jkulisheck@fs.fed.us, 505/757-6121

Courtney, perkins.court@gmail.com, 505/243-5965

Nancy, nancycella@spinn.net, 575/829-4634

If you don't contact us, we'll contact you. Thanks for your support.

All-Steward Survey

The Council also authorized the preparation of an all-steward survey that seeks to assess the effectiveness of all aspects of site stewarding — training, field orientation, leadership, team cooperation, educational opportunities, etc. This will be prepared by your representatives on the council — Members-at-Large Courtney Perkins and Diane Lenssen.

Please respond as requested.