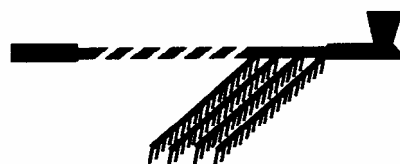


CALUMET

CONSERVATION
EDUCATION

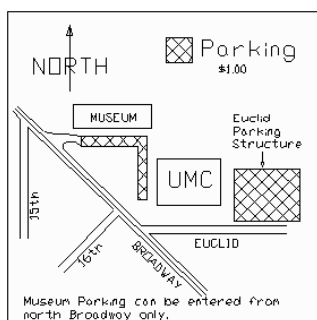
PRESERVATION
EXPLORATION



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
April, 2004

CALENDAR OF EVENTS

**General (lecture) meetings are held in the University of Colorado Museum, Dinosaur Room
Second Thursday of each Month, at 7:00 PM. The public is always welcome.**



The Museum parking lot 208 is **NOW AVAILABLE** to non-permit holders, even at night.
Cost is \$2.00 per vehicle. Bring \$1 bills or quarters.

You can also park in the Euclid parking structure for \$2.00. The Euclid parking lot is east of the Museum on Euclid. After parking in the Euclid Parking Structure, walk west on Euclid toward Broadway. Prior to Broadway, take the sidewalk to the

2004 Event Calendar

April 1	Executive Board, The Atrium, 30 th and Iris, 7:30 PM.
April 7	IPCAS PAAC Course, 6:30 PM to 9 PM.
April 8	Bill Hammond. Topic: Swallow Site Update and Volunteer Opportunity.
April 14	IPCAS PAAC Course, 6:30 PM to 9 PM.
April 17	Lyons Survey, mapping and documentation. See Page 2.
April 21	IPCAS PAAC Course, 6:30 PM to 9 PM.
April 24/25	Big Rock Spring (5BL18) mapping and excavation. See Page 2.
April 28	IPCAS PAAC Course, 6:30 PM to 9 PM.
May 5	IPCAS PAAC Course, 6:30 PM to 9 PM.
May 6	Executive Board, The Atrium, 30 th and Iris, 7:30 PM.
May 13	Mark D. Mitchell. Topic: Native American Rock Art Traditions of the Upper Arkansas River Basin, 1500-1850.
May 22	Lyons Survey, mapping and documentation. See Page 2.
June 3	Executive Board, The Atrium, 30 th and Iris, 7:30 PM.
August 5	Executive Board, The Atrium, 30 th and Iris, 7:30 PM.
September 2	Executive Board, The Atrium, 30 th and Iris, 7:30 PM.
September 9	Linda Cummings. Topic: Prehistoric diets in the old and new worlds.
October 14	Bob Mutaw. Topic: To be determined.
November 4	Executive Board, The Atrium, 30 th and Iris, 7:30 PM.
November 11	Cherie Walth. Topic: How to recognize human bone (as distinguished from non-human bones).
December 9	Holiday Party, The Atrium, 30 th and Iris, 7:30 PM.

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Volunteer Opportunities

Big Rock Spring

April 24/25

The Big Rock Spring site (5BL18) is located on private property adjoining the Rabbit Mountain Open Space. Big Rock Spring is an overhang that was surveyed and excavated many years ago but no complete analysis or report was filed. Part of the material collected at the site is in the CU Museum collection. Our Professional Advisor, Pete Gleichman, has obtained landowner permission to investigate the site.

Six to eight volunteers are needed to map, photograph, and screen the site. The work will be probably be completed on Saturday, April 24th but the following day is listed, if necessary. Pete will serve as Principle Investigator. The group will measure and map the site, photograph the site (with activity photographs for the Calumet), and a small mound of dirt from the long-ago work will be screened. Original material may be found at the back of the overhang and that will be screened, as well. An examination of the material in the CU Museum collection will also be done. Then a formal report will be written. If you are interested in assisting Pete with this project, please contact Tom Cree at tomcree@earthlink.net

Lyons Survey/Documentation

April 17 and May 22

This will be our second year of survey and documentation of sites on private property above Lyons. The sites are historic and related to sandstone mining activities. All the sites fall within the Lyons Historic Archaeological District. We have surveyed the first of three parcels at the top of Eagle Ridge (6500 feet in altitude). In the past, we looked for, and found, artifacts around the cistern and a quarryman's hut. And we completed the Historic Archaeological Component Forms for SHIPO for the two sites. We also mapped and documented the remnants of a boarding house and an associated trash dump. The survey areas are about a half-mile southwest of the abandoned township of Noland. The view is terrific. And the sites are easy to access.

We will meet at a parking area at the bottom of the hill for car-pooling. To get to the parking area, go west on Hwy 66 to the Diamond/Shamrock service station (on the left, east of town). Then turn on the next right, on Stone Mountain – Nolan Road. Go about ¼ mile to the parking area (on the left). If you would like to participate in either of the workdays, or any future workday, please contact Tom Cree at tomcree@earthlink.net.

Call For Volunteers, Summer 2004 at Fort Laramie, Wyoming

50 Days Beginning May 27

Plans have been finalized for the 2004 archaeological field season at Fort Laramie National Historic Site. We will be testing at least seven features recorded by the previous years geophysical surveys, and continue additional geophysical survey this year. Starting date will be May 27, 2004, working five days (Thursdays to Mondays) and then take Tuesdays and Wednesdays off, for 50 days. Fort Laramie National Historic Site, 3 miles west of Fort Laramie, Wyoming, is located 85 miles due north of Cheyenne on I-25 and then 28 miles east on US 26. Motels are located in Torrington (20 miles) and Guernsey (12 miles). Guernsey is very limited on space during the summer. Campgrounds are available at Fort Laramie (5 miles east of Fort Laramie). We will be having a field camp at the fort, but it will be primitive - no hookups, etc. There will be port-a-potties there. There is room for a few trailers, but mostly tents. Water and Gatorade will be available during the day, but ALL other food and liquid refreshments are your own responsibility.

A minimum stay of two days is preferred. Because we are working only 5 days in a row (including a weekend), most people might be able to make the full 5-day period. If you have your own dig kit, please bring it. There are a few tools for those who have never dug before or don't have their own kit. Be prepared for hot weather. Last summer we started at 6:00 AM and quit at 2:30 PM, then shaded up for the rest of the afternoon. Bring sunscreen and mosquito dope. Anyone interested in volunteering should contact me through e-mail (dnwalker@uwyo.edu) and let me know the days you are interesting in helping out on this project. I can then also discuss logistics. If the past two field seasons at Fort Laramie are any indication, this should be a fun summer, as well.

PIT Projects – Colorado and Nearby, see www.passportintime.com Colorado

Comanche National Grassland

Cimarron Canyons Archaeological Research Survey

October 4-9 Must Commit to full session

Located in the rugged canyon country of southeastern Colorado, the tributaries of the Cimarron River have attracted people for thousands of years, resulting today in a wide variety of archaeological sites, including prehistoric quartzite quarries, aboriginal rock art, and 19th-century homesteads and cemeteries. Over the past five years, our efforts have focused on portions of Holt Canyon, Sand Canyon, Whitby Canyon, and Little Black Mesa; this year, we will continue to focus on these areas. Working with FS archaeologists, participants will conduct a pedestrian archaeological inventory. Volunteers will learn how to plan and implement an archaeological survey and record their findings. Project tasks will include topographic map reading, artifact identification, basic lithic analysis, photography, and sketch mapping. Volunteers will also help collect detailed data on the area's many large quartzite quarries. Please come and explore this little-known corner of Colorado!

Number of openings: 10, **Special skills:** Must be in good physical condition and able to hike over rough terrain in highly variable weather conditions; previous survey experience helpful but not required, **Minimum age:** 16 years old; under 18 with a responsible adult, **Facilities:** Free camping near project area, with vault toilet and picnic shelters; it may be possible to bring small campers into the project area; volunteers responsible for own camping gear, food, and drinking water, **Nearest town:** Springfield, 35 miles, **Applications due:** August 15

Picketwire Sites Inventory and Documentation

June 7–12 Must commit to full session

The Picketwire Canyonlands is a spectacularly rugged and remote area containing a great variety of prehistoric and historical-period sites. We are recruiting volunteers to help us search portions of the canyon for traces of past cultures and prepare detailed records of what is discovered. Among the resources we expect to find are complex prehistoric architectural sites and rock art sites dating to A.D. 800–1500 and 19th-century Hispanic pioneer homesteads. Volunteers and FS archaeologists will thoroughly explore the canyon and conduct specialized tasks, including photography, site mapping, and rock art recording. Please join us for our 11th year in this scenic, remote area! **Number of openings:** 10, **Special skills:** Participants must be in good physical condition and able to hike over rough terrain in hot weather for a full day; experience in photography, site mapping, stone tool identification, and rock art recording helpful but not required, **Minimum age:** 16 years old; under 18 with a responsible adult, **Facilities:** FS will provide bunkhouse with kitchen, showers, and flush toilets; space for tents and small campers; volunteers responsible for own meals and drinking water; dinners are “family affairs”; full services in La Junta, **Nearest town:** La Junta, ~35 miles, **Applications due:** April 15

Grand Mesa-Uncompahgre-Gunnison NF

Exploring Ironton Park Mining District

July 26-30 Must commit to full session

The FS recently purchased a large section of land within the Ironton Park Mining District high in the San Juan Mountains. Once served by the same historic railroad that now serves Durango and Silverton, Ironton Park is adjacent to the Red Mountain Mining District. Our task will be to visit and monitor the condition of historical-period remains near the silver-mining boom town of Ironton, the Saratoga smelter, the St. Germain ski lodge and monastic colony, railroad grades, mines, stage roads, and other mining-related sites. We will take baseline photographs and record the condition of the remains before increasing public use engulfs them. Using existing inventory records and historical photographs as our guides, we'll hike and jeep our way around the district and its scenic environs as we prepare monitoring records for use in site protection. **Number of openings:** 8, **Special skills:** Must be in excellent physical condition and able to hike at high altitudes (10,000–12,000 feet); experience with digital photography, map reading, Victorian artifact identification, mining and railroad feature identification, and four-wheel- driving helpful but not required, **Minimum age:** 12 years old; under 18 with a responsible adult, **Facilities:** RV or tent camping near project area, no amenities; hotels and motels in Silverton and Ouray, **Nearest towns:** Silverton, 25 minutes; Ouray, 35 minutes, **Applications due:** April 15

Medicine Bow-Routt NF

Zirkel Wilderness: High-Altitude Site Survey and Documentation

August 23-27 Must commit to full session

The Zirkel Wilderness includes a unique cultural landscape with a wide spectrum of prehistoric and historical-period resources that FS archaeologists and rangers have noted over the years. The resources include but are not limited to a prehistoric camp and a historical-period cabin and ditch. A spruce beetle epidemic is threatening the trees in this area. Trees weakened by the beetle will eventually die and fall and are also more likely to blow down in wind storms. PIT volunteers and FS archaeologists will survey the threatened area for significant cultural resources, including both archaeological and structural sites. This project will offer the opportunity to learn skills in site documentation and archaeological survey and practice their orienteering and backcountry camping skills.

Number of openings: 6, **Special skills:** Volunteers must be in good physical condition, able to backpack into the base camp, and withstand strenuous hiking at high elevations, **Minimum age:** 18, **Facilities:** Primitive wilderness camping; FS will provide some horse-packing support; volunteers responsible for own hiking, camping gear, and meals, **Nearest town:** Steamboat Springs, 6 miles from trailhead, **Applications due:** June 15

Pike-San Isabel NF

Guanella Pass Sites Inventory and Documentation

August 30-September 3 Must commit to full session

Guanella Pass is located west of Denver along scenic Park County Road 62, between the towns of Grant and Georgetown. The pass is above tree line on the Continental Divide at 11,666 feet above sea level, with peaks looming over 14,000 feet. There is evidence that the pass was important to both American Indians and Euroamericans as they traversed the area in search of resources. Prehistoric occupation in the area dates between 1,860 and 10,000 years B.P., and the historical-period occupation is related to homesteading, logging, mining, and ranching of the late 1800s. We will continue our systematic survey in search of prehistoric and historical-period sites in an area about 10,000 feet above sea level, dominated by valley parks, surrounded by steep mountains covered with lodge pole pine and hemlock forests. The Colorado high country is an ideal place to enjoy nature and wildflowers in late summer. **Number of openings:** 8, **Special skills:** Must be in good health with the ability to hike over moderate to steep terrain; we will be 1–2 miles away from the vehicles during the day; experience with archaeological survey, photography, and sketching helpful but not required, **Minimum age:** 16 years old; under 18 with responsible adult, **Facilities:** Tent or trailer camping at FS Geneva Park Campground, chemical toilet and potable water; volunteers responsible for own camping gear and food; full services in Georgetown or Bailey; FS will provide transportation to the project area from the AG Ranch Work Center for those people commuting from the Bailey area and from the Geneva Park Campground, **Nearest towns:** Georgetown, 17 miles; Bailey, 18 miles, **Applications due:** June 15

Interlaken Resort Restoration

July 12-16 Must commit to full session

Please join FS archaeologists, historic preservation specialists, and master woodworkers for a week you will never forget on the shores of a pristine Rocky Mountain lake! During the week, we will completely renovate Dexter Cabin, a unique Victorian home situated on the shores of Twin Lakes near the mining town of Leadville. This NRHP-eligible complex is on Colorado's Most Endangered Places list, and it needs your help. Volunteers will learn restoration techniques, standards for historic-building restoration, and general care of historic buildings. If you are looking for a productive week that makes a lasting contribution to historic preservation, then come on down! **Number of openings:** 10, **Special skills:** Participants must be in good physical condition and able to hike over rough terrain in hot weather for a full day; experience in carpentry, woodworking, or general construction helpful but not required, **Minimum age:** 16 years old; under 18 with responsible adult, **Facilities:** Camping near project area with toilets, showers, and potable water; can accommodate small RVs, but there are no hookups; FS may provide meals; motels in Leadville; limited services, including cabins, in Twin Lakes, **Nearest towns:** Twin Lakes, 2 miles; Leadville, 15 miles, **Applications due:** April 15

Marshall Pass Sites Inventory and Documentation

September 13-17 Must commit to full session

PIT volunteers and FS archaeologists will survey for historical-period sites from the Denver and Rio Grande (D&RG) Railroad's construction of their line up Marshall Pass in the "Heart of Colorado" near Poncha Springs, the crossroads of the Rockies. The Marshall Pass area had its boom in the 1880s, when the D&RG Railroad picked the route in its race to beat the Denver South Park and Pacific (DSP&P) over the Continental Divide to Gunnison. The D&RG successfully beat the DSP&P, whose line up Chalk Creek seemed like a wise decision until the workers reached what became the Alpine Tunnel. Today, the old D&RG grade is a four-wheel-drive road with railroad ties still visible and tinder as black as ever, lining the road. This rich historical area has been left unrecorded for the most part but contains numerous railroad construction camps, snow sheds, water tanks, kilns, and other railroad-related features. There is also the possibility of finding prehistoric American Indian sites and paleontological sites. Please join us and learn how the railroad opened up the West and made Colorado what it is today. **Number of openings:** 10, **Special skills:** Participants must be in good physical condition and able to hike over rough terrain in hot weather for a full day; experience in photography and site mapping and knowledge of recording historical-period sites helpful but not required, **Minimum age:** 16 years old; under 18 with responsible adult, **Facilities:** Camping and sites for RVs available at O'Haver Lake Campground at the base of Marshall Pass, with water and toilets; volunteers responsible for own camping gear and food; limited services and hotels in Salida, **Nearest town:** Salida, 10 miles, **Applications due:** June 15

Pony Park Sites Inventory and Documentation

June 28-July 2 Must commit to full session

Pony Park is a secluded open parkland located on the east side of Buffalo Peaks Wilderness in central Colorado. From previous investigations, we know the park contains a high density of significant prehistoric sites and artifacts. Prehistoric use of the park may date from as early as 7000 B.C. to A.D. 1870. We are recruiting volunteers to assist with our continuing systematic survey of Pony Park and the recording of prehistoric and historical-period archaeological resources. We expect to find numerous prehistoric campsites with flaked stone tools, ground stone, and culturally scarred trees. Ultimately, we plan to prepare an NRHP district nomination based on this work. Pony Park is located at 10,000 feet above sea level, with rolling terrain and moderate slopes. The park is an ideal place to enjoy nature, wildflowers, and the Colorado high country in the early summer. We encourage experienced archaeological surveyors as well as interested neophytes to apply. We will have a group "ice breaker" dinner on Sunday, June 27, and other fun diversions during the week. **Number of openings:** 8, **Special skills:** Must be in good physical condition and able to hike up to 4 miles daily over moderate to steep terrain; experience in archaeological survey, photography, and sketching helpful but not required, **Minimum age:** 16 years old; under 18 with a responsible adult, **Facilities:** Tent or trailer camping at FS Buffalo Springs Campground with chemical toilet and potable water; volunteers responsible for own camping gear and food; full services in Fairplay; FS will provide transportation to the project area from Fairplay and Buffalo Springs Campground. Fairplay has commercial lodging (make reservations well in advance), restaurants, gas stations, and groceries, **Nearest town:** Fairplay, 15 miles, **Applications due:** April 15

Nebraska

Oglala National Grassland

Warbonnet Battlefield Survey and Documentation

June 7-11 Must commit to full session

The Oglala National Grassland in northwest Nebraska has a rich geologic and cultural history. Toadstool Geologic Park has abundant mammalian fossils representing the rise of modern mammalian families in North America. The skeletal remains of an extinct species of bison, *Bison antiquus*, and stone artifacts associated with the Paleoindian-aged Alberta complex are present at the Hudson-Meng Bison Bonebed. Warbonnet Battlefield, the focus of this project, is a much more recent site where a minor skirmish occurred in 1876 between troops of the Fifth Cavalry and a small group of Cheyenne warriors. The Cheyenne were heading north to join forces with other Northern Plains Indians who had recently defeated Custer at the Little Bighorn. The encounter resulted in one casualty—Yellow Hair, a Cheyenne warrior. He was supposedly shot by army scout William F. Cody, aka

“Buffalo Bill.” The town of Montrose formed on the site several years later. PIT volunteers will help solve or at least explore the mystery of what really happened at Warbonnet in 1876. Numerous versions of the encounter exist. Although historical documents are a fertile source of information, the results of an intensive on-the-ground investigation will provide an integral piece to the puzzle. Volunteers will assist an intensive pedestrian survey of the Warbonnet Battlefield and historic Montrose townsite. **Number of openings:** 10, **Special skills:** Participants must be in good physical condition and able to hike over rough terrain in hot weather for a full day; experience in photography, site mapping, and stone tool identification helpful but not required, **Minimum age:** 16 years old; under 18 with a responsible adult, **Facilities:** Campsites provided at the Hudson-Meng Education and Research Center, limited electrical and water hookups; FS will provide a full-service field kitchen, flush toilets, and showers; commercial lodging, groceries, and restaurants in Crawford; volunteers responsible for own food and drinking water; dinners are “family” affairs, **Nearest town:** Crawford, 20 miles, **Applications due:** April 15

Utah Ashley NF

Carter Road Metal-Detecting Survey

July 12–16 Must commit to full session

Carter Road was built between 1881 and 1883 to supply troops assigned to the new Fort Thornburgh near Vernal, Utah. This was the first road across the Uinta Mountains of northeastern Utah. Supply wagons from Fort Bridger had a difficult time crossing the mountains during the short season the road was open each year. Members of the Uinta Basin Archaeology Club have mapped and placed markers along the road. Metal detectors have helped locate artifacts and identify buildings at Fort Thornburgh. PIT volunteers will help locate and map artifacts at the government sawmill site and a suspected barrack in Dodd’s Hollow. **Number of openings:** 15, **Special skills:** Experience working with archaeologists and using metal detectors is helpful but not required, **Minimum age:** Under 18 with a responsible adult, **Facilities:** Primitive campsite near project area, accessible on dirt road; FS will provide portable toilets; volunteers should bring own metal detectors if they have them, **Nearest town:** Vernal, 30 miles, **Applications due:** April 15

Swett Ranch Restoration

August 30–September 3 Must commit to full session

At the turn of the 20th century, northeastern Utah was one of the last unspoiled and isolated places in the United States. The isolation attracted Butch Cassidy and his Wild Bunch and other outlaws. It also drew individuals such as Oscar and Emma Swett, who wanted to own a farm and raise a family far from civilization. Oscar never used mechanized equipment on his ranch up until he sold it in 1968. Today, elk and deer frequent the ranch on quiet autumn evenings. PIT crews have been conducting restoration work at Swett Ranch, near picturesque Red Canyon, since 1995. Eventually, Swett Ranch will be an interpretive center for a lost way of life. This year, crews will replace the roof on the blacksmith shop and two-room cabin. Scheduled after the busy summer tourist season, this is a wonderful opportunity to experience the peaceful solitude that led Oscar Swett to choose this area to raise his family. **Number of openings:** 10, **Special skills:** Carpentry skills helpful but not required, **Minimum age:** 14 years old; under 18 with a responsible adult, **Facilities:** Camping at full-service FS campgrounds or at the ranch, **Nearest towns:** Dutch John, 10 miles; Manila, 40 miles, **Applications due:** June 15

Swift Creek Survey

July 26–30 Must commit to full session

We return to the High Uintas Wilderness—the largest wilderness area in Utah. The alpine meadows and jagged rock peaks offer breathtaking vistas. Reaching this remote area is definitely a worthwhile challenge. Previous PIT crews have recorded prehistoric hunting blinds, campsites, and lithic scatters above 10,000 feet. We have also noted some turn-of-the-20th-century sheep camps and reservoirs. Recent excavations at other Uinta Mountain sites have given us new insights, and this year we expect to find areas where wickiups, or temporary structures, were constructed. Volunteers will help identify and record sites. **Number of openings:** 10, **Special skills:** Must be an experienced backpacker and camper and able to hike long distances at high elevations, **Minimum age:** Under 18 with a responsible adult, **Facilities:** Primitive camping in wilderness using leave-no-trace principles;

volunteers responsible for own camping gear and food; FS will provide food for a small fee and pack it in to base camp, **Nearest towns:** Roosevelt, 40 miles; Vernal, 40 miles, **Applications due:** April 15

Dixie NF

Old Wildcat Guard Station Restoration

July 12–16 Must commit to full session

Built in 1911, the Old Wildcat Guard Station is located below Boulder Mountain and overlooks some of the most spectacular canyon scenery that Utah has to offer. FS rangers used the building as a remote guard station until 1933, when a new station was built. Now, the Old Wildcat Guard Station is a visitors center. Building upon the work of PIT volunteers for the last two years, we will continue to work on the interior of the building to bring it back to a habitable state. We will restore the windows, doors, and the interior walls and floors. Sanding and varnishing wooden floors, nailing bead board, and painting will be the main activities this year. **Number of openings:** 6, **Minimum age:** Under 18 with a responsible adult, **Facilities:** Field camp on-site, with portable toilets and potable water; two FS campgrounds within a mile of the site; volunteers responsible for own camping gear and meals; FS will provide dinner one night; full services in Torrey, **Nearest town:** Torrey, 18 miles, **Applications due:** April 15

Fishlake NF

Building a Trail at the Top of the World

July 26–30, August 2–6 Must commit to 1 full session; may participate in both

The restoration of high mountain foot and horse trails in this part of Utah began with a PIT crew in 1996. The trails were first used by American Indians thousands of years ago. Later, they were adopted by the gold miners that scoured the high country for riches during the last half of the 19th century. Beginning at the turn of the 20th century, forest rangers used the trails for access to remote guard stations in the mountains. The country is beautiful. White peaks rise to over 12,000 feet and our work site lies at almost 11,000 feet. In the mid-summer, mountain meadows are filled with wildflowers of every description—larkspur, lupine, Indian paintbrush, arrowleaf balsam root, daisies, and bluebells. Our base camp looks across the North Fork of Cottonwood Creek toward the majesty of Mt. Holly, which is home to Rocky Mountain goats. The trail we will be working on is 2.5 miles long and will connect 14 miles of the Bullion Trail System with 10 miles of the Skyline National Recreation Trail. Mostly, we will be reestablishing a trail surface on a path that is nearly worn away. **Number of openings:** 10 per session, **Special skills:** Must be in good physical condition and able to hike and work at high elevations, **Minimum age:** Under 18 with a responsible adult, **Facilities:** Primitive base camp; volunteers responsible for own camping gear, water, and food; prepare for extreme weather, including rain and hail; FS will provide a \$16/day stipend. Nearest town: Marysville, 20 miles, **Applications due:** April 15

Walking in the Footsteps of Legends

June 21–25 Must commit to full session

Salina Canyon served as an important segment of the Old Spanish Trail that wound from Santa Fe to the City of Angels, now Los Angeles. Along this trail came Indians who established villages a thousand years ago; Spaniards in search of gold; Mexican slave traders; Kit Carson, Indian fighter and scout; Walkara, a Ute chief known as the West's greatest horse thief; and Capt. John Gunnison, an army officer and scout who died three-days ride from this place at the hands of an angry war party. The PIT crew will identify and prioritize the many prehistoric and historical-period sites for interpretation to people traveling along Interstate 70. We will also decide on the method of interpretation. This may prove a real challenge: How do you get information to people traveling at 70–75 mph? Therefore, our project will be a planning effort involving on-the-ground location of sites and strategy sessions back at the base camp. **Number of openings:** 6, **Special skills:** Interpretive experience and skills in writing and composition of interpretive text helpful but not required, **Minimum age:** 18 years old, **Facilities:** We will be staying at the Gooseberry Youth Camp (elevation 9,000 feet), a historic bunkhouse with electricity, water, showers, and toilets; volunteers responsible for own personal gear and food; volunteers will receive a \$16/day stipend; commercial lodging in Salina, **Nearest town:** Salina, 15 miles, **Applications due:** April 15

Unita NF

Vernon Creek Survey

August 9–13 Must commit to 2 days

PIT volunteer crews have been recording new sites for the past five years in this sage-and-juniper country south of Tooele, Utah. The newly discovered sites tell two different stories of occupation and abandonment. The American Indian sites date from about 8,000 years ago until the late 1800s, when Goshutes were forced to abandon this part of their ancestral home for reservation lands farther west. Most of the Euroamerican sites date from the late 1800s through the 1920s, when a “back-to-the-land” homesteading movement brought many families into the valley to hope, struggle, and ultimately abandon their dreams. During this era, settlers and Goshutes cautiously shared the valley, in an imperfect attempt to resolve conflicting needs for the land. This year, PIT volunteers and FS archaeologists will continue to record sites relating to both human stories. We will walk the land looking for new sites and document homesteads located using historical records as our guide. All in all, it promises to be another satisfying week of discovering more about the complexity of past living along Vernon Creek. **Number of openings:** 10, **Minimum age:** Under 18 with a responsible adult, **Facilities:** Rustic camping and self-sufficient RVs, portable toilets and some water provided; volunteers responsible for own camping gear, food, and water, **Nearest town:** Vernon, 7 miles, **Applications due:** June 15

Wyoming Black Hills NF

Williams Spring Archaeological Excavation Research

July 1–7, 15–21 (including weekends) Must commit to 1 full session; may participate in both

The Williams Spring site contains artifacts spanning 8,000 years of human occupation in the northern Black Hills, ranging from early big game hunters to historical-period homesteaders. Artifact densities are high, with some locations yielding more than 1,500 artifacts per cubic meter. Diagnostic artifacts recovered from the site include a variety of Paleo-Indian, Archaic, and late prehistoric projectile points. The Williams Spring project is a long-term archaeological research partnership between the Black Hills NF and the University of Wyoming. In the summer of 2000, test excavation and geological studies were conducted at the site by the university and a PIT volunteer crew. In 2004, PIT volunteers, students, and FS archaeologists will excavate a large block unit to learn about adaptations to the Black Hills over time at this unique site. Volunteers will work with university faculty who are the leading experts in Northern-Plains archaeology. We will excavate, map, and record artifacts from block- and test-excavation units. The site area is located in beautiful stands of ponderosa pine with abundant wildlife. The site can be accessed via well-maintained FS roads, but it is remote. Evenings around the campfire are peaceful and include interpretive programs. **Number of openings:** 10 per session, **Minimum age:** Under 18 with a responsible adult, **Facilities:** Field camp with toilets next to site; volunteers must provide own camping gear, food, and water, **Nearest town:** Sundance, 20 miles, **Applications due:** April 15

Medicine Bow-Routt NF

Sixmile Gap Rock Circles Site Recording

June 14–18 Must commit to full session

Sixmile Gap is a natural feature along the North Platte River where it passes through the Medicine Bow Mountains. This gap allows the easiest access across the river in the North Gate Canyon area. A large valley is adjacent to the gap. In this interesting area, which contains good sources of water, game, and vegetation, volunteers will work with archaeologists to record a site with approximately 50 rock circles. A light scatter of lithic debitage and a few late prehistoric projectile points and potsherds have been noted in the site area, and these artifacts will also be recorded. **Number of openings:** 8, **Special skills:** Must be able to walk over uneven terrain; mapping skills helpful but not required, **Minimum age:** 13 years old; under 18 with a responsible adult, **Facilities:** Camping at FS Sixmile Gap Campground, with RV and tent spots, outhouse, and waterpump, but no electricity; motels in Encampment and Saratoga, **Nearest towns:** Sixmile Gap Campground, ~2 miles; Encampment, 25 miles; Saratoga ~40 miles, **Applications due:** April 15

Medicine Bow-Routt NF and Thunder Basin National Grasslands

Laramie Peak/LaBonte Canyon Rockshelter Survey

July 26–30, August 2–6 Must commit to 1 full session; may participate in both

In recent years, research archaeologists testing refined laboratory techniques have investigated rockshelters in the Bighorn Mountains and Black Hills. The rockshelters were not considered locations of human occupation because they are small and lack the artifacts usually associated with rockshelter sites such as projectile points and groundstone. However, refined laboratory techniques helped researchers to recover items such as microflakes, charred seeds, and hair that other, more common field and lab techniques miss. These microscopic traces of human occupation have surprised archaeologists and will likely influence their perspectives on several issues. The intent of this project is to apply those research methods to rockshelters in the Laramie Peak area. This project may be ongoing for several years. This season's work will focus on locating potential shelters. The work will take place at two separate locations each week. The first week will be at Laramie Peak. Though not the highest mountain in the Rockies, 10,200-foot-high Laramie Peak surpasses its surrounding sub-peaks and foothills by 2,500 feet. The peak's rugged terrain offers countless potential shelters—not necessarily caves, but rock lean-tos and overhangs among the boulders on the slopes. The second week will be in LaBonte Canyon, one of the most scenic areas in the Laramie Range. A journey to this part of the forest will stir latent desires of exploration in the most well-rooted couch potato. **Number of openings:** 6 per session, **Special skills:** Must be in good condition and able to hike in rugged terrain at high elevations; map reading, GPS, drawing, and photography skills helpful but not required, **Minimum age:** 16 years old; under 18 with responsible adult, **Facilities:** Session 1: Backpacking and wilderness camping; Session 2: dispersed car camping, **Nearest towns:** Session 1: Esterbrook, 5 miles; Glendo, ~25 miles; Wheatland, ~35 miles; Session 2: Douglas, 42 miles, **Applications due:** April 15

Medicine Bow-Routt NF

LaPrele Guard Station Restoration

May 23-28, Must commit to full session

LaPrele Guard Station is a compound of log buildings nestled in a scenic canyon along LaPrele Creek near a historic spring. Built by the CCC in the 1930s, it was the original ranger station for the LaPrele Ranger District and is listed in the NRHP. The historic compound includes a house, office/residence, and garage. The house is available to the public during the summer under the FS's recreation cabin rental program and needs its annual cleaning and preparation for the rental season. Extensive restoration work has been done on the house over the past several years, so it is in very good condition and will need a minimal amount of work. It is also where the "hub" of the project will be for group meals, card games, and sitting around the fire in the evenings.

The office/residence is a historic gem in its own right, which will be added to the cabin rental program in the near future. Before this can happen, extensive work is required including the replacement of a sill log and a full remodeling and restoration of the basement bathroom and environs. The barn is a beautiful building that looks new inside, but Wyoming winters have stamped their mark on the sill logs, so they too will be replaced. Other project goals include painting and treating the roofs and exteriors of all buildings, staining the fence and gate, and work around the buildings to improve drainage.

Our work will be supported by three experts. Sayre Hutchison, a historical architect with the National Park Service, has consulted on our projects for the past two years, and his influence is apparent in the house interior and exterior. He keeps us historically accurate and does not allow sloppy work. Bill Irvine, a contractor out of Steamboat Springs, is very experienced at replacing sill logs and has restored many log buildings on the Medicine Bow-Routt NF. Lastly, Marcia Rose-Ritchie will lead the project and prepare excellent meals (breakfast and dinner, with lunch fixings provided) for hard-working volunteers. **Number of openings:** 5. **Minimum age:** Under 18 with a responsible adult. **Facilities:** Volunteers may stay in the residence (six beds provided in two rooms) or camp; there is a full kitchen, bathroom with hot/cold shower, and beautiful starry night skies. **Nearest town:** Douglas, 35 miles. **Applications due:** April 15

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