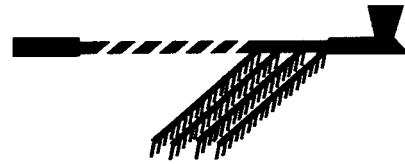


CALUMET

CONSERVATION
EDUCATION

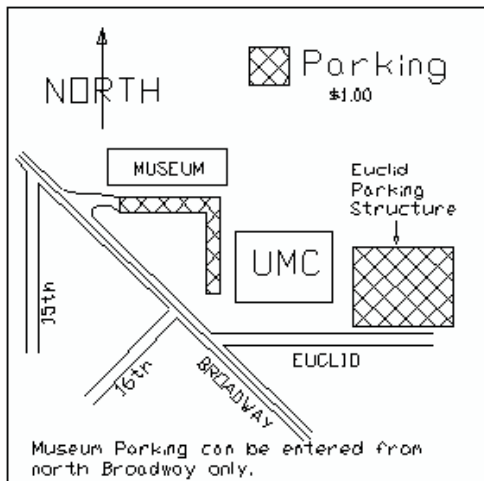
PRESERVATION
EXPLORATION



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
April, 2002

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 following is a situation that will last through next summer:

**I'm sure you noticed that our Museum parking lot 208 is off limits to non-permit holders, even at night. So, would you please pass that on to your members? They can park in the Euclid parking structure for \$1.25. Euclid parking lot is east of the Museum on Euclid. Just want to avoid tickets and towing.
Thanks, Carol Kliger**

After parking in the Euclid Parking Structure, walk west on Euclid to Broadway, follow Broadway on the sidewalk for one block and drop down into the Museum parking lot. It is only a few hundred yards.

April 4 **Executive Board**, 7:30 PM, The Atrium

April 11 **Presentation Meeting**, Doug Bamforth. Topic - Megaliths to Microscopes in the Irish Neolithic - cool stuff from the Irish Neolithic, from the mounds at Newgrange to the preserved field systems at Ceide Fields, and integrate some of my work on neolithic caches from County Antrim. The Dinosaur Room at the CU Museum, 7 PM.

April 16 *AIA Lecture - Prof. Jonathan M. Kenoyer, University of Wisconsin.*

Topic: Ancient Cities of the Indus Valley

All AIA lectures are co-sponsored with the University of Colorado Natural History Museum and the Department of Classics, free to the public, and presented at 6:30 p.m. at the Museum, which is located at 15th Street and Broadway in Boulder.

April 19-22 **IPCAS San Rafael Swell Tour, Utah**

May 2 **Executive Board**, 7:30 PM, The Atrium

May 9 **Presentation by Jim Benedict**, Topic: A Revisit to the Fourth of July Valley Site, 5BL120
The Dinosaur Room at the CU Museum, 7 PM.

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- May 24-27 American Rock Art Research Association - ARARA,
29th Annual Conference, Dubois, Wyoming
- June 7-9 IPCAS Hell Gap Tour**
- June 13 Pricing of Garage Sale Items**, 8 AM to 2 PM, 39 Cornell Drive, Longmont
- June 14,15 IPCAS Garage Sale**, 8 AM to 2 PM, 39 Cornell Drive, Longmont.
- June 25-July 2 PAAC Summer Training (Survey),
Tomahawk State Wildlife Area, near Hartsel in South Park
- August 5-9 Spotted Pony Excavations
- September 5 Executive Board**, 7:30 PM, The Atrium
- September 12 Presentation meeting**. Bob Mutah. Topic to be determined.
The Dinosaur Room at the CU Museum, 7 PM.
- October 3 Executive Board**, 7:30 PM, The Atrium
- October 10 Presentation by Nicole Branson**, Topic: Manzanar War Relocation Center - a
WWII Japanese-American internment camp in California.
The Dinosaur Room at the CU Museum, 7 PM.
- November 7 Executive Board**, 7:30 PM, The Atrium
- November 14 Presentation by Jim Pilkington**, Topic: The Anthropology of Palau (a Pacific Island
group). The Dinosaur Room at the CU Museum, 7 PM.
- December 5 (Note the date change) Holiday Party**. The Dinosaur Room at the CU Museum, 7 PM.
- December 12 (Note the date change) Executive Board**, 7:30 PM, The Atrium
- January 2 Executive Board**, 7:30 PM, The Atrium
- January 9 Presentation by Bob Hutchinson**, Topic: Lamanai (MesoAmerican Site).
The Dinosaur Room at the CU Museum, 7 PM.

Membership Renewals

Memberships that expired in January, 2002 - Dewey and Janice Baars, Mary Lee Birmingham, Warren Bradshaw,
Mary Ann Harsh, Mary King, Robert Powell, and, Laura Viola

Memberships that expired in February, 2002 - Cindy Miller, and, Ann and Dave Phillips

Memberships that expired in March, 2002 - Ken Larson, John Matis, and, Dock Teegarden

Memberships that expire in April, 2002 - Marie Palowoda and Brad Culp, Carolyn Hansen, Jill and Vann Hilty,
Chris Switzer, and, Thomas Van Zandt

Memberships that expire in May, 2002 - Jay Browne, Isadore Million, and, Martha Patterson

Please renew your memberships promptly. And inform us if we have an error in this list.

Volunteer Opportunities

Chance Gulch, Colorado, Excavations 2002

May 20 - June 28

The Chance Gulch site is a multi-component campsite located just southeast of Gunnison, Colorado, at about 8,000 feet elevation. Of particular interest, and the focus of excavations, is an 8,000 year-old late Paleoindian level, which has produced a large fire-cracked rock feature, a possible storage pit (2002 work will focus on it), numerous spear points, stone tools, flakes, groundstone fragments, and a few pieces of bone. Archaic occupations of the site have also yielded a rich array of features and artifacts, including a burnt daub structure.

Work during 2002 at the Chance Gulch site will be conducted on a Monday - Friday schedule, May 20 through June 28, leaving weekends free to enjoy fish-filled Curecanti Reservoir, the untrammeled Gunnison high country, historic Lake City, or other treasures of the area. Dorm rooms will be available for participants at nearby Western State College at no or low cost (\$6/night at most). Alternatively, excavators may camp nearby the site, at developed campgrounds in the Gunnison area, or they may stay at local motels. Volunteers may be asked to contribute \$10/day for food.

The project is directed by Dr. Bonnie Pitblado of Western State College. Previous excavation experience is prized, but not required, and volunteers are asked to work for at least a week. Participation will be on a first-come first-served basis. For more information or to sign up, please contact:

Beth Ann Camp
Chance Gulch Field Director
Anthropology Department
Western State College
Gunnison, CO 81231
Phone (970) 943-3015
than26@hotmail.com or bcamp@western.edu

PAAC Summer Training Survey

June 25 - July 2

With about 800 acres yet to be inventoried, the PAAC Summer Training Survey will be continued at Tomahawk State Wildlife Area near Hartsel in South Park on June 25-July 2, 2002 (a second session in the 2002 field season will be announced later this spring). Because the training occurs in remote location lacking facilities of any sort, and can involve hiking across somewhat rugged terrain, prospective participants must be in reasonably good physical condition. The ability to contend with hot summer days, bothersome insects, and generally primitive working conditions is a necessity.

Volunteers must supply their own transportation, room and board, daypack and personal gear such as canteens, but there is no fee for participation. The Office of the State Archaeologist of Colorado (OSAC) supplies all surveying, recording and mapping equipment as well as the professional archaeologist(s) who supervises the volunteers.

Prospective participants must submit a signed PAAC application form, and completion of the Basic Site Surveying Techniques class is highly recommended prior to field training. In general, the more PAAC classes one has completed the more rewarding the experience on the Summer Training Survey. However, if space is available, no classroom experience is required for participation on the survey.

The deadline to apply for the June, 2002 survey is May 30. Contact the Assistant State Archaeologist at the Colorado Historical Society:

1300 Broadway, Denver, CO 80203,
Phone (303) 866-4671,
FAX (303) 866-2711, or
e-mail at kevin.black@chs.state.co.us.

More information is available on our web site: www.coloradohistory-oahp.org/programareas/paac/summersurvey.htm.

Spotted Pony Site

August 5 -10

Byron Olsen - Project Supervisor. The Spotted Pony Site excavations are planned for August 5-10 this year, Monday through Friday. At least one large rugged 4WD vehicle has been arranged to haul in the gear.

Site 5BL82 was recorded by Dr. James Benedict on June 27, 1969. The site is located on an outwash terrace on the north side of Middle St. Vrain Creek, about five miles west of Peaceful Valley, on land administered by the US Forest Service. The terrace is part of an open, grassy meadow surrounded by sub-alpine forest and is at an elevation of 9780 feet. Cultural material collected on the surface from 1969 to 1975 includes 20 Mount Albion projectile points and point fragments, biface and scraper fragments, utilized flakes, Lyons Sandstone milling fragments, and debitage including quartzite and argillite lithic types. Most of this material was found along a 4-wheel-drive road that bisects the site and has rutted the site surface to a depth of about 30 cm. There is also a report of a possible stone circle.

For additional information or to sign up, please contact Mike Landem.

PIT Projects

To apply for PIT Projects visit www.passportintime.com/signup.html or call 1-800-281-9176.

Colorado - Picketwire Sites Inventory and Documentation

June 9–14 Must commit to full session

Escape with us to the Picketwire Canyonlands, a spectacularly rugged area containing a high density of prehistoric resources. We are recruiting volunteers to help us search portions of the canyon for cultural sites and prepare detailed records of what is discovered. Among the resources expected are complex architectural and rock art sites dating to the Ceramic period (A.D. 800–1800). Volunteers will help FS archaeologists thoroughly examine the area and conduct specialized tasks, including photography, site mapping, and rock art recording. Please join us for our ninth year in this scenic and remote area!

Number of openings: 10

Special skills: Must be in good health 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 responsible adult

Facilities: No commercial lodging available; FS bunkhouse in the Picketwire Canyonlands; space for tents and small campers; volunteers responsible for own food and drinking water; dinners are “family” affairs; kitchen, shower, and flush toilets available; restaurants, groceries, and water in La Junta

Nearest town: La Junta, 35 miles

Applications due: April 15

Wyoming - La Prele Guard Station Workweek

June 23–28 Must commit to full session

La Prele Guard Station lies in a scenic canyon along La Prele Creek near a historic spring, fenced and maintained for livestock and wildlife. Built by the CCC in the 1930s, it was the original ranger station for the FS North Laramie Area and is listed in the NRHP. This historic compound needs some general cleanup, and the buildings need general maintenance. One of the cabins is available during the summer as part of the FS recreation cabin rental program. Come join some great local volunteers and enjoy the setting while working on this historic preservation project.

Number of openings: 8

Minimum age: 9 years old; under 18 with a responsible adult

Facilities: Camping with full kitchen, toilet, shower, and starry night skies

Nearest town: Douglas, 35 miles

Applications due: April 15

Colorado - Grizzly Creek Guard Station Accessible Ramp

June 24–28 Must commit to full session

Constructed in 1920 by Ranger George McClanahan, the Grizzly Creek Guard Station is one of the best extant examples of a “ranger-built” log station using full dovetail notch construction. The guard station is situated at the portal to the Routt NF on the west side of Jackson County and sits next to Grizzly Creek, which is home to a variety of wildlife from moose to numerous bird species. All spring and summer, the wildflowers bloom and their fragrance fills the air. From the station, you

can view the Park Range, the Never Summer Range, and Rabbit Ears and Buffalo Passes. The Ute, Arapaho, and Shoshone Tribes used this valley until the 1880s, when western settlers gradually populated it and the buffalo died out. The FS plans to include the guard station in the recreation cabin rental program and needs to ensure that it allows universal accessibility, following Americans with Disabilities Act guidelines. Volunteers will help construct an accessible ramp to the front door so that everyone will be able to experience and enjoy this historic treasure.

Number of openings: 5

Minimum age: Under 18 with a responsible adult

Facilities: Camping at Grizzly Creek Campground

Nearest town: Walden, 21 miles

Applications due: April 15

Colorado - Pony Park Sites Inventory and Documentation

July 7–12 Must commit to full session

Pony Park is a secluded open parkland located east of the Buffalo Peaks Wilderness in central Colorado. From previous investigations, we know the park contains a high density of significant prehistoric sites and artifacts; 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 recording of archaeological resources from both the prehistoric and historical periods. 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.

The FS will provide transportation to the project area from Fairplay and the reserved campsites at Buffalo Springs Campground. We encourage experienced archaeological surveyors as well as interested neophytes to apply. We will have a group dinner “icebreaker” on the first Sunday and other diversions during the week.

Number of openings: 8

Special skills: Must be in good health 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 responsible adult

Facilities: Tent or trailer camping at FS Buffalo Springs Campground, with chemical toilets and potable water; restaurants, gas stations, groceries, and commercial lodging in Fairplay (make reservations well in advance); volunteers responsible for own camping gear and meals

Nearest town: Fairplay, 15 miles

Applications due: April 15

Colorado - Red Mountain Mining District Exploration and Monitoring

July 8–13 Must commit to full session

Mines and associated features in the Red Mountain Mining District of Colorado’s high San Juan Mountains were recently acquired by a conservation group and transferred to the FS to manage. With State Highway 550 traversing the middle of the district, our task will be to identify the primary points of interest on FS lands, taking baseline photographs and conducting surface studies of the mining sites (including mills, tram houses, railroad grades, a jail, cabins, and tailings). We will use existing inventory records and will hike and jeep our way around the district and its scenic environs. Our documentation will provide baseline information for site protection as well as potential future interpretation.

Number of openings: 8

Special skills: Must have experience with digital photography, reading maps, driving four-wheel-drive vehicles, and identifying Victorian-era artifacts and mining and railroad features, and be able to hike at high altitudes (10,000–13,000 feet)

Minimum age: 12 years old; under 18 with a responsible adult

Facilities: On-site RV or tent camping; commercial lodging in Silverton and Ouray; FS will provide some four-wheel-drive transportation, but your own would be welcome

Nearest towns: Silverton, 20 minutes; Ouray, 45 minutes

Applications due: April 15

Colorado - Cow Camps and Cabins of Historic Grand Mesa

July 22–27 (including Saturday) Must commit to full session

Early cattle people didn’t actually plan to build their cow camps in the most scenic spots in western Colorado: it just happened that the springs were located there and their cattle could graze nearby. We will be working on continuing the restoration and maintenance of the 1932 Raber Cow Camp cabins and other historic buildings. The Raber Cow Camp, located at an elevation of 10,000 feet, has an incomparable view of the Grand Valley, the Colorado River, Uncompahgre

Plateau, Lone Cone, and even the La Sal Mountains in Utah. The two log cabins housed cowboys and cowgirls all summer long while they rode the mesa top tending and herding their cattle. Blankets were hung inside the cabins to separate the sexes at night, after evenings of singing, card playing, and eating air-cured beef and lots of potatoes. The cabins have been restored, and the camp is now an interpretive site. Low-level maintenance such as log chinking, painting the doors and window frames, improving drainage around the cabins, graveling the paths, and removing a recent crop of thistles along the path with shovels is required. In addition, we will assist Pioneer Town of Cedaredge, Colorado, in the maintenance of some of its superb historic buildings and artifacts in exchange for tours and talks from the local historical society.

Number of openings: 6

Special skills: Log cabin care, carpentry, and lime-chinking skills helpful but not required

Minimum age: 12 years old; under 18 with a responsible adult

Facilities: RV or tent camping on-site (no facilities); lodging within 30-minute drive

Nearest towns: Cedaredge, 45 minutes; Grand Junction, 65 minutes

Applications due: April 15

Wyoming - Recording Shepherd Carvings on Aspen Trees

July 22–27, July 29–August 3 Must commit to 1 full session; may participate in more

The Savery-Fireline, Deep Creek-Fireline, and Encampment-Slater stock driveways were established during the early 1900s as part of the FS sheep-grazing management plan. During a heritage inventory in 2001, an estimated 1,000 shepherd carvings dating from 1900 to 1999 were discovered on aspens in the vicinity of all three stock driveways. The carvings include names, dates, country or state of origin, and artwork. Shepherd aspen carvings in the published literature are referred to as dendroglyphs, arborglyphs, sylvanglyphs, and aspen art. Most of the aspen carvings along the stock driveways have not been recorded. We will start correcting that situation this year with your help.

Why do we need to record these carvings? Aspen trees in southeastern Wyoming have a life expectancy of 125 years or less. When they die and fall, any carvings that might have been on them are lost forever. Campers are allowed to cut down dead aspen trees for firewood. Neither the trees nor the carvings were meant to last forever, but the history recorded in these carvings should. Recording the carvings in drawings and photographs is one way to preserve for present and future generations the information portrayed.

Number of openings: 10 per session

Special skills: Artistic ability helpful but not required

Minimum age: 18 years old

Facilities: Three campgrounds within 5–10 miles of survey areas, all with water and toilets, but no showers, water, or hookups; dispersed campsites at the Wyoming Highway 70 and Savery-Fireline stock driveway intersection; motels in Baggs, Encampment, and Saratoga

Nearest towns: Baggs, 30 miles; Encampment, 35 miles; Saratoga, 55 miles

Applications due: April 15

Wyoming - Fort D. A. Russell Target and Maneuver Reserve Survey and Recording II

August 11–16 Must commit to full session

Today, Headquarters Park is a quiet, picturesque, intermontane valley located in the Pole Mountain Division of the Laramie Range of southeastern Wyoming. However, from the late 1870s through the 1940s, the air was filled with the sounds of hundreds of cavalry soldiers carrying out practice marches and target practice. From the time of the Buffalo Soldiers through WWII, the Army, the Wyoming National Guard, and the Air Force constructed numerous camps, observation posts, firing positions, and other facilities within the Fort D. A. Russell Target and Maneuver Reserve. This year, we will continue to survey, record, and map several of these camps and facilities. We will also record American Indian sites that may be encountered during our reconnaissance of the historic facilities. The Pole Mountain area is visited by thousands of recreationists each year and is considered to be a safe recreation area; however, in the past, some live munitions have been encountered. For this reason, we discourage children from participating in this project.

Number of openings: 10

Special skills: Survey, mapping, and drawing skills and experience with a metal detector helpful but not required

Minimum age: 18 years old

Facilities: Wallis Picnic Ground with potable water and pit toilets; site has grassy areas for tent camping and a parking area for RVs

Nearest towns: Laramie, 15 miles; Cheyenne, 30 miles

Applications due: June 15

Colorado - Cloud City Archaeological Survey

August 19–23 Must commit to full session

FS archaeologists need your help to document the hundreds of mining-related sites around Leadville, Colorado. Leadville is a beautiful historic mining town located between two mountain ranges. This 10,000-foot-high city offers a unique opportunity to explore the Colorado frontier as well as learn about hard-rock and placer mining. These mining sites are disappearing and need to be documented before they are gone forever. The Colorado Mining Boom was a significant part of the state's history, so come relive a part of the Old West. We will visit the National Mining Museum as part of the project. Slopes across the project area are moderate to steep. The high elevation and terrain may be difficult.

Number of openings: 8

Special skills: Must be in good health and able to hike over moderate to steep terrain

Minimum age: 16 years old; under 18 with a responsible adult

Facilities: Tent camping or space in a cabin on the shores of Twin Lakes; cabin has kitchen and refrigerator

Nearest town: Leadville, 7 miles

Applications due: June 15

Colorado - Pikes Peak Sites Inventory and Documentation

August 26–30 Must commit to full session

Pikes Peak is a 14,110-foot massif that dominates the skyline west of Colorado Springs. The peak is steeped in American Indian lore and is significant in Colorado history as the symbol of the "Pikes Peak or Bust" gold rush. We are recruiting volunteers to assist with our continuing systematic survey of the peak and recording of historical-period and prehistoric archaeological resources. This summer, we will continue surveying on the north and east slopes; this area in the vicinity of French and Cabin Creeks is virtually unknown archaeologically. This is an ideal place to enjoy scenic landscapes and the Colorado high country in the late summer. The FS will provide transportation to the project area from Manitou Experimental Forest Headquarters.

Number of openings: 8

Special skills: Must be in good health and able to hike up to 8 miles each day over rough terrain; experience in archaeological survey, photography, and sketching helpful but not required

Minimum age: 16 years old; under 18 with responsible adult

Facilities: FS will provide lodging at CCC-era Manitou Experimental Forest Headquarters, with full-service kitchen, dormitory-style rooms with bunks and bedding, and bathrooms with showers; camping available at headquarters or at local FS campgrounds; volunteers responsible for own food; restaurants, gas stations, groceries, and commercial lodging in Woodland Park (make reservations well in advance)

Nearest town: Woodland Park, 7 miles

Applications due: June 15

Colorado - Archaeological Survey of Aspen Ridge

September 9–13 Must commit to full session

Come explore this beautiful area of Colorado and help FS archaeologists document its prehistory and history. Aspen Ridge is located northeast of Salida in the Colorado high country. Volunteers during past PIT projects have helped to locate many significant prehistoric sites. This year, we will systematically survey the area and record both historical-period and prehistoric sites. We expect to find numerous prehistoric campsites that contain flaked and ground stone tools. Elevations in the vicinity of Aspen Ridge range from 7,500 to 8,500 feet. This area is scenic and remote and is an ideal place to enjoy nature and the Colorado autumn colors. We encourage experienced volunteers as well as "first-timers" to come and enjoy this part of Colorado. Grades are moderate throughout the project area.

Number of openings: 8

Special skills: Must be in good health and able to hike over moderate to steep terrain

Minimum age: 16 years old; under 18 with a responsible adult

Facilities: Tent camping or space in a cabin available; cabin has kitchen and refrigerator

Nearest town: Buena Vista, 14 miles

Applications due: June 15

Colorado - Cimarron Canyons Research Survey

October 6–11 Must commit to full session

Along the tributaries of the Cimarron River in the rugged canyon country of southeastern Colorado are numerous archaeological sites. These include prehistoric quartzite quarries, protohistoric aboriginal rock art, and 19th-century

cemeteries and homesteads. Over the past three years, our efforts have focused on Sand Canyon and the lower portions of Holt Canyon. This year, we will focus on the upper end of Holt Canyon.

Working with FS archaeologists, participants will conduct a pedestrian archaeological inventory of the area. 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 health 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 toilets; it may be possible to bring small campers into the project area; volunteers responsible for own camping gear

Nearest town: Springfield, 35 miles

Applications due: August 15

Call for Papers

Your Calumet wants your articles. So when you go out in the field this summer, please take notes and photographs with an article in mind. One Calumet page is about 500 words, fewer if there are photographs. The topics do not have to be devoted to Native American archaeology. You could write about a historic project, a PIT Project, a museum tour, a web-site that you found, a course that you took, almost anything.

The Calumet also needs book reviews, like the one on the next page. If you have read an interesting book lately (or, even, long ago) that might be of interest to club members, please write a short review of the book. The book review on the next page is 625 words - a bit long, but it was a great book. Please consider a book review to share with the other members.

You can submit photographs without any text at all. Okay, maybe a small amount of description of each photograph for the caption.

Call for "Stuff"

IPCAS is holding the Second Annual Garage Sale on June 14th and 15th, from 8 AM to 2 PM. This is a major fund-generating activity. The garage-sale items are donated by club members. The sale will be held in the driveway at 39 Cornell Drive in Longmont. The 2001 garage sales (two sales) were very successful, raising \$1100 for the club treasury.

Last year, our success was a result of the great donations from members: Keith Bilby, Warren Bradshaw, Chris Cree, Cyndi Cree, Tom and Ginny Cree, Cheryl Damon, Bob Finley, Kris Holien, Jackie Johnson, Michael Landem, Cindy Miller, Jim Morrell, Phil Rice, Donna Shay, Russell Smith, Morey and Janet Stinson, Mort and Joanne Turner, and, Clay and Lynda Volkmann. We need to duplicate that effort again. Please call Tom Cree at 776-7004 and the 'brown shoebox' will come to pick up your donations. IPCAS can use all kinds of "Stuff" so please feel free to clean out that storage area or garage. We have had donations, already, but more are needed.

We will price the items on Thursday, June the 13th. We need volunteers to assist with the pricing and to serve at the sale. Last year's workers were: Tom and Ginny Cree, Cheryl Damon, Cindy Miller, Jim Morrell, Piper Prillaman, Russell Smith, and, Clay and Lynda Volkmann.

Donate items, help with the sale, and have a great time.

Book Review
Ancient Encounters - Kennewick Man and the First Americans
Dr. James C. Chatters, published 2001

My wife found it at the library and read it first. Once I started reading it, I couldn't put it down.

Dr. Chatters tells the 'soap opera' story of the discovery and fight for the Kennewick Man. Regardless of your personal beliefs on the topic, the first chapters of the book will make you angry. And will make you shake your head in disbelief. The story is told in time-sequence and provides much of the detail behind the news articles.

The second section of the book explores what is known about the Kennewick Man - his life and his death. It was a tough life. He lived to approximately 42 years of age. He had seven healed fractures in six ribs, possibly the result of being kicked by a large animal. He had a healed radial-head fracture in the left arm and the left arm was less robust than the right arm with much less developed muscles. He had a chipped right shoulder socket. He had acute osteomyelitis at his left temple and a healed skull injury (probably from an attack) on the upper left of his head. And he had acute and moderate arthritis in the knees, elbows, and in the upper neck. Both ear openings were almost completely blocked by benign bone tumors, most likely caused by frequent immersion in cold water while netting and spearing fish. And then there was the partially healed, spear wound in his pelvic bone, with the point still in it - certainly not put there by a friend.

The last section of the book contains the documentation and evidence for a theory that shakes the basic foundations of early American archaeology. But more on that later.

The book is presented for the layman. It describes, in easy language and terms, how the scientific tests are performed and what the results mean (or imply). The author goes to extremes to explain how events occurred and how the events (and people) have brought the Kennewick Man to the forefront of controversy. It is an easy read, well laid out, and sequential. When opinions are offered, they are backed with information and rationale.

Dr. Chatters offers a theory that may be long overdue. 39 individuals have been discovered in 26 archaeological sites that are spread across the United States and Canada, including Alaska, Florida, Pennsylvania, Nevada, Texas, California, New Mexico, Montana, Minnesota, and two sites in Colorado. These individuals have some things in common - all are 9000-years-old or older, and they do not match, anatomically, with current Native Americans. This mismatch is most prominent in the skull and facial features.

The individuals from 13,500- to 9,000-years BP show faces that are short, narrow, and placed strongly forward with cheekbones that do not protrude. Comparison to features of all peoples of the world show that these individuals are closest to the Ainu (aboriginal people of Japan) and Polynesians (Easter Islanders and Hawaiians on Oahu). They least resemble the American Indians. In fact, a statistical comparison of the Kennewick Man facial and skull dimensions showed that Kennewick Man has a 99.98% chance of **not** being an American Indian.

Dr. Chatters suggests that a population of people inhabited the United States prior to 9,000 years ago that was very different from current American Indians. Dr. Chatters describes possible immigration routes and evidence for each. These early people were wide-spread but no longer exist. 39 individuals, found across the United States, that differ anatomically from current American Indians strongly suggest a separate people. That possibility must be examined. The author builds a strong case for that scientific analysis.

You will enjoy this book. And learn a great deal about archaeology, as well.

If you would like to review a book, please do so. The Calumet will try to carry a book review each publication. Please send your review to the Calumet editor. And thanks.

This newsletter is published each month, except June, July, and August, by the Indian Peaks Chapter of the Colorado Archaeological Society. The views expressed in articles or editorials appearing in this publication do not necessarily reflect those of the membership or the Executive Board of the Indian Peaks Chapter, Colorado Archaeological Society.

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