



Courier

The National Park Service Newsletter

Washington, D.C.

June 1982

Hot Springs celebrates 150th

By Hugh Crenshaw
Management Assistant
Hot Springs National Park, Ark.

Activities commemorating the 150th anniversary of the establishment of Hot Springs as the Nation's first Federal reservation were celebrated April 20 in Hot Springs National Park, Arkansas. The springs and surrounding land were set aside by Congress in 1832 to be preserved as a natural resource. The legislation, signed by President Andrew Jackson, was unprecedented. It predated the creation of the U.S. Department of the Interior by 17 years, Yellowstone National Park by 40 years, and the National Park Service by 84 years.

Today, the 47 springs that supply Hot Springs' famed thermal water continue to flow at a rate of about 1,000,000 gallons per day at an average temperature of 143 degrees Fahrenheit. They serve four bathhouses, a medical center, a health spa, five hotel bathhouses, and an arthritis hospital. Visitors come to the park and the city of Hot Springs from all over the world to bathe in the invigorating, naturally sterile water. In 1981 the park recorded more than 5,000,000 visits, with more than 1,000,000 of these defined as recreational.

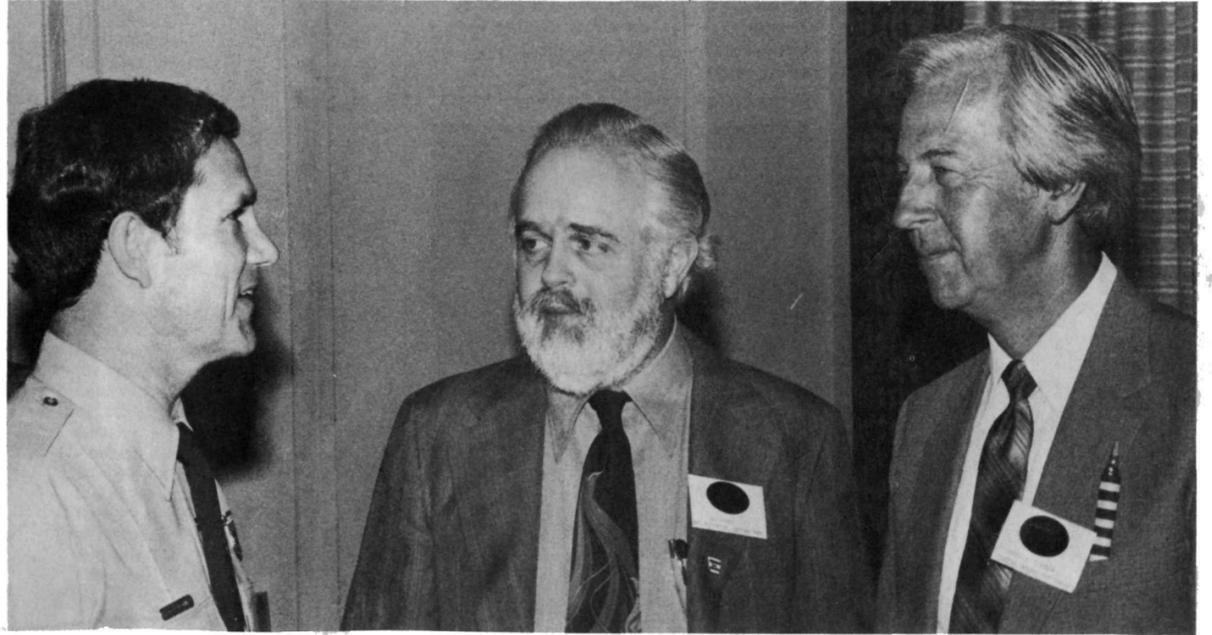
Special sesquicentennial activities were planned by interested Hot Springs and Garland County citizens, with help from park superintendent Roger Giddings.

Historic murals and paintings of American Indians who inhabited the area and kept it neutral territory so all could benefit from the healing waters were prominently displayed. Photographs of bygone years depicted the spa city in its formative and expanding era when it grew from a small outpost in the Arkansas Territory to a burgeoning tourist destination. Guided tours through the partially renovated Fordyce Bathhouse also gave visitors a glimpse of Hot Springs' past.

The historic Maurice Spring, located on the city's Bathhouse Row, was reopened in a formal ceremony April 13. It had been closed since the early 1960s.

The Grand Promenade, situated on the slopes of Hot Springs Mountain, was dedicated as a National Recreation Trail in a ribbon-cutting ceremony April 14. Jo Luck Wilson, Director of Arkansas Department of Parks and Tourism, participated in the ceremony. The 17 foot x 3,000 foot winding red and white brick walkway was begun in the 1930s as a Public Works project. It contains myriad landscaped trees and shrubs, hot spring water fountains, park benches, checkerboards permanently inlaid in park tables, and numerous overlooks to view the city below. Work on the Promenade continued for almost 30 years before completion.

Groundbreaking ceremonies also



(From left) Superintendent Roger Giddings, Interior Secretary's Advisory Board Member Bill Wiener, Jr., and Director Dickenson.

took place for a planned, 216-foot observation tower atop Hot Springs Mountain. The new tower will replace one that stood for almost 70 years on the same site. The Hot Springs Advertising and Tourist Promotion Commission will construct the tower.

At 11 a.m. April 20, from a white gazebo festooned with bunting, Park Service Director Russell E. Dickenson, Southwest Regional Director Robert Kerr, Arkansas Governor Frank White, U.S. Congressman Beryl A. Slaughter, Hot Springs Mayor Tom Ellsworth, and Superintendent Giddings paid tribute to Hot Springs and spoke of its

significance to present and future generations.

Anniversary activities included several concerts by the Navy Band Memphis; a parade through the heart of the city; luncheon remarks by Bill Wiener, Jr., immediate past chairman of the National Park System Advisory Board and a member of the Board's Council; a senior citizens band; and a number of commemorative gifts for sale to the public. The park's interpretive staff and Eastern National Park and Monument Association helped to develop the commemorative items.

Birthday cake and coffee were served at park headquarters all day. Large cakes were donated by the Quapaw Vocational Technical School, the Arlington Hotel donated coffee, and the Women's Chamber of Commerce and others served.

One of the events that made the celebration memorable was a letter from 92-year-old Horace M. Albright who wrote, "I am delighted that the 150th anniversary of Hot Springs National Park is to be so appropriately and appreciatively remembered by the carrying out of such an excellent program of diverse events."

Ozark Riverways cave mapping

By Dean C. Einwalter
Management Assistant
Ozark National Scenic Riverways, Mo.

Have you ever had the desire to relive the childhood of Mark Twain's characters Tom Sawyer and Huck Finn? Perhaps so, but would that include a harrowing experience in a cave as well?

If caves have a special fascination for you, you would be interested to know there may be at least 200 of them meandering under the hills and bluffs bordering the Current and Jacks Fork Rivers within Ozark National Scenic Riverways of Missouri.

Scott House is a speleologist who has taken a special interest in the caves within the Riverways. Thanks to him and his associates, some 60 caves have been mapped there in the last 2 years. During the week he teaches 6th grade in Arnold, Mo. Weekends often find him groping his way through an entirely different kind of "classroom."

Scott is a member of the Missouri Speleological Society and was its president during 1975-76. The goals of the organization include exploration, mapping, study and conservation of Missouri's caves. Although members are volunteer, they possess professional backgrounds which are very conducive to furthering the purposes of the organization.

For example, Leonard Butts is a draftsman for a gas company. Jerry Wagner is a cartographer with the U.S. Geologic Survey and Joel Laws is an electronic technician for an electronics company. Together these three and other members provide a solid framework for gathering and

using much needed knowledge of Missouri caves. In their work they cooperate with other researchers. The knowledge gained provides valuable management benefits that include determining the highest and best use of the cave resources. In doing this, various considerations need to be addressed. Two endangered species, the Indiana and grey bats, are known

Scott House, Volunteer Coordinator, Missouri Speleological Society.

to utilize some of the caves within the Riverways. Unique species also exist there, such as the Ozark blind salamander and the southern blind cave fish, which have adapted senses other than sight for living in the dark.

Some caves contain unusual and fragile formations. Others pose serious threats to casual users such as steep and unexpected contours which must

be ascended or descended to follow a sometimes tortuous course. Still other caves are quite safe and offer the casual visitor an opportunity to explore an unusual environment.

The nature of this volunteer work can be somewhat less than glamorous. It usually involves being wet and dirty. The mappers are often on their hands and knees, and sometimes flat on their stomachs in following cave routes to their ends. The work

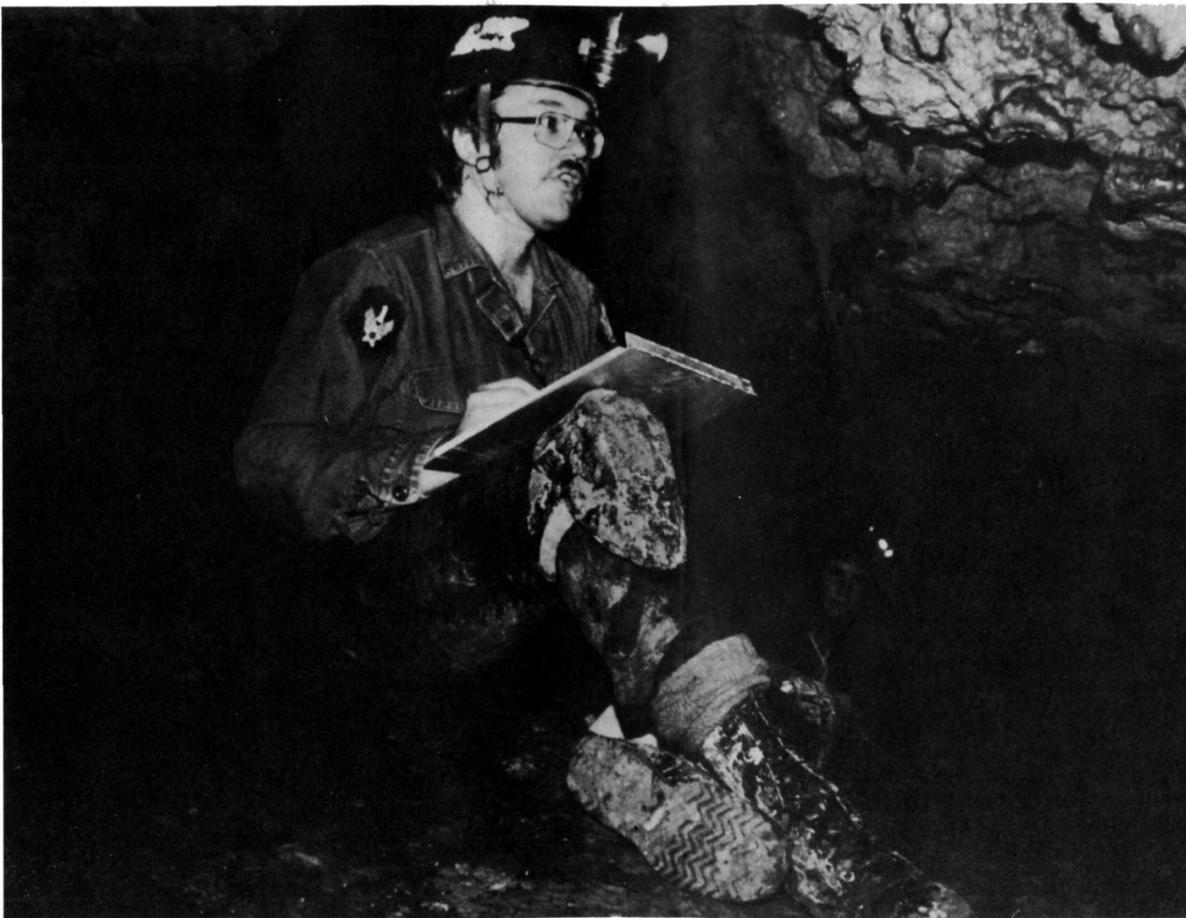
involves crawling long distances, and occasionally through bat guano, mud, and other slippery or very rough surfaces. It is difficult to exaggerate the physical hardships involved with cave mapping. Park Interpreter Chris White is also a speleologist and he too has emphasized the inconvenience and discomforts of mapping caves.

Before entering a cave, one must check weather information carefully because flash flooding is not unusual. For the same reasons, visitors sometimes need protection, and caves which are subject to flash flooding should be entered by only those persons thoroughly familiar with caving.

In cave mapping, Scott House and his associates take great pains to reach the various extremities of the underground passageways. They seek the highest and lowest points, a multitude of side passages and seek to reach the very source of the caves. Working with various lights, and occasionally having to carry heavy instruments in a hostile environment, they strive for accuracy in their work. The dividends for the park are considerable. Eventually it is hoped that all its caves will be thoroughly inventoried and mapped.

For every hour in the field, the speleologists estimate another hour is spent in private homes, reviewing notes that were written in subdued lights and transferring the information to understandable form over a drafting table or typewriter. Thousands of hours of volunteer time have been quietly spent in this endeavor.

There is also a glamorous or other scientific aspect of their work. In several caves whiskey stills or their remains have been found. Some looting and vandalism have occurred. Some of this can be traced to persistent Ozark stories of lost silver caves or Indian relics, and the search for these mysterious sites.



(Continued on page 2.)

Ozark caves (Continued from page 1.)

In some caves archeological evidence has been found that may prove valuable to restructuring the prehistoric past. It can be tied to other archeological research ongoing at the Riverways.

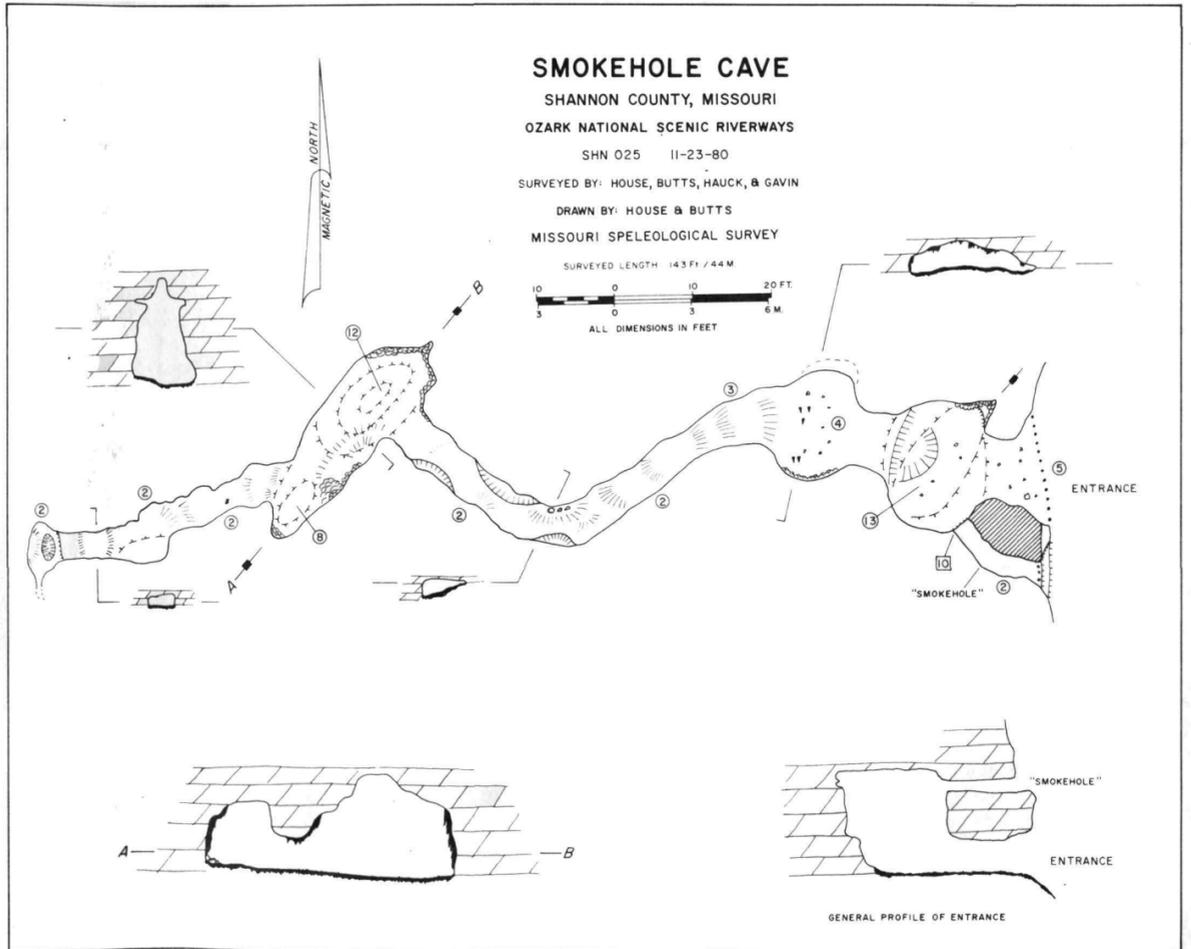
Some caves have specific historic value. For instance, it is believed that Hospital Cave was used by North and South during the Civil War. Meeting House Cave was reportedly used for just that, holding meetings in a secluded and safe location.

Cave names also lead one's imagination and provide a glimmer of recent history, although the facts are

often clouded by time. In sorting through cave names, the group strives to retain historic names to emphasize local ties. Such cave names as Baptizing Hole, Jam-up Cave, Coal Bank Cave, Devil's Well and Bootlegger's Cave are only a few of those that lead one to conclusion or leave one wondering.

The work done by Scott House and his associates of the Missouri Speleological Society is an outstanding example of volunteer effort leading to increasing knowledge and improved management.

Volunteer members, Missouri Speleological Society.



Park Service widens range of land protection methods

By Grant W. Midgley
Office of Public Affairs, WASO

Park areas with land acquisition needs have been asked to take into account a wide range of methods in preparing land protection plans.

The new policy gives increased emphasis and attention to less-than-fee methods of conserving and controlling lands in the National Park System.

The change conforms to a new Departmental policy dealing with acquisitions financed through the Land and Water Conservation Fund as published in the Federal Register of March 18, 1982, by the office of the Assistant Secretary for Fish and Wildlife and Parks.

(Upon the merger of NPS and HCRS, management of the Federal portion of LWCF—previously a responsibility of HCRS—was assigned to the Assistant Secretary's office.)

Stanley Albright, associate director for Management and Operations said we "will be giving more attention to such matters as: identifying the specific lands or interests in them that are necessary to achieve park management purposes; using practical alternatives to direct Federal purchase of land; and formulating and revising plans as necessary to give assurance that sociological impacts are considered in preparing and implementing acquisition programs.

"The Service also will seek closer cooperation with private landowners, other Federal agencies, State and local governments and the private sector to assist us in meeting our land use objectives," Albright said.

Congress authorizes parks and defines their boundaries, but the Park Service must acquire whatever property interests are needed to assure adequate public access and protection of the areas. Especially in the last two decades of rapid Park System expansion, the Service has also had to contend with rising land costs, limited funds, and the views of private citizens with interests affected by park projects.

A "less-than-fee" acquisition means acquiring, through purchase, condemnation, exchange or donation, a right to use or a restriction on land. For example, instead of paying the full price for property and owning it outright, the Service might—for a smaller payment—buy an agreement in perpetuity limiting structures to a certain height, or requiring maintenance of a portion of a tract in its natural state. Such an "easement" might offer sufficient protection for park purposes, yet leave the property for use of the owner, subject to the restrictions.

"The Park Service has previously sought to use less-than-fee acquisition in some situations," Albright explained, "but the revised policy means we will be placing even more emphasis on this and other alternatives to outright ownership."

The Service recently completed case studies in eight units of the Park System, investigations that the agency believes will assist it in developing the practical aspects of the revised land acquisition policy. The eight are:

- Appalachian National Scenic Trail
- Biscayne National Park, Florida
- Chaco Culture National Historical Park, New Mexico
- Channel Islands National Park, California
- Chattahoochee River National Recreation Area, Georgia
- Grand Teton National Park, Wyoming
- Jean Lafitte National Historical Park and Preserve, Louisiana
- Kaloko-Honokohau National Historical Park, Hawaii

"The studies considered the costs and benefits of different methods," Albright said, "with a goal of providing the highest quality of resource protection and visitor use at the lowest cost to the taxpayer. This effort also reflects our desire to be more responsive to, and compatible with, the needs of local citizens and local government agencies," he said.

Teamwork is the key

Historian Dennis P. Kelly
Stones River NB, Tenn.

Instantly following the bugle's shrill command a pounding roar of cannons echo, and a cloud of blue-grey smoke rolls across the battlefield. But unlike the bloody Civil War encounters, there are no casualties. A moment of eerie silence follows before the crowd of spectators applauds and then, kids leading the charge, they advance on the cannons for a closer look.

Not a battle at all, this is a unique artillery demonstration performed by the combined interpretive staffs of three NPS Civil War battlefield parks: Chickamauga-Chattanooga National Military Park, Ga.-Tenn., Kennesaw National Battlefield Park, Ga., and Stones River National Battlefield, Tenn. All three parks fire cannons as part of their interpretive activities, and Chickamauga historian Ed Tinney proposed the idea of pooling their efforts to fabricate an entire battery, the basic tactical organization of Civil War field artillery.

It has become, after 2 years, a regular event. Chickamauga battlefield kicks off the shooting season by hosting a Memorial Day encampment. Five demonstrations are held both Saturday and Sunday. Because this date coincides with the commencement of the summer visitor season, the gathering of cannon crews doubles as a stringent training session, when gun drill is practiced and black powder safety is preached. During the Independence Day weekend at Stones River, the cannon-fire plays a thundering salute to the national birthday. Culminating the season, Kennesaw Mountain hosts a Labor Day demonstration.

On the first two dates, a U.S. Regular battery from the Army of the Cumberland's crack artillery force is represented. Historically, Yankee cannoners at Stones River pulled a victory from near-sure defeat. Their modern counterparts switch from blue to Confederate grey and butternut at Kennesaw Mountain and portray the

"long arm" of the Confederacy's Army of Tennessee—a welcomed change in Dixie!

Certified NPS black powder weapons supervisors serve as the officers and noncoms. The gun crews, called detachments, are made up of seasonal employees and the three battlefield's Volunteers-In-Parks. Several of these cannoners are descendants of Union and Confederate soldiers who fought here.

More than 50 participants dress, eat, sleep and camp as the soldiers did. The men spend 2 nights under the canvas of Sibley wall and pup tents, pitched behind the demonstration area. Several wives, "camp followers," prepare meals over an open fire.

Of course the drawing card is the cannons themselves. Three and sometimes four pieces are employed. After a great deal of investigation, NPS curators decided blank demonstration firing did the old muzzle-loaders no harm, within a rigid series of safety restrictions which are followed to-the-letter by the black powder supervisors. The original pieces received approval for firing, and the pride in care and maintenance given to their century-old weapons by the detachments is equal to any military organization. There is a great deal more to the demonstrations than just fire and smoke.

Behind the line of cannons each gun has an ammunition vehicle called a limber, originally drawn by six horses. And behind the limbers are the supporting vehicles that also traveled with battery (but usually stayed out of combat range). Each gun and limber has a caisson, which carried extra chests of ammunition. A volunteer blacksmith called an artificer works from a portable military forge; he kept the horses shod and maintained the ironwork on the gun carriages. There is also a battery wagon, carrying a variety of tools, extra harness, spare parts and other supplies. For the first time in the 20th century, all types of artillery vehicles were presented, with the combining of manpower and equipment of the three parks.

Vegetation removal by Boy Scouts

By Walter S. McMann
Resource Management Specialist
C&O Canal National Historical Park,
Md.-D.C.-W.Va.

This Spring, the Boy Scouts from the Great Falls, Md., area of the C&O Canal National Historical Park participated in a project which has eliminated the need to use chemical pesticides in some areas of the park.

Vegetation in parks is, of course, a welcomed natural feature, but when vegetation begins to appear in historical structures, it forewarns of real problems. Growing roots can quickly dislodge stone and brickwork. On wooden structures, climbing vegetation presents a haven for wood-decaying organisms. There is no question about the removal of the vegetation. The question is how to best accomplish this removal.

Unsatisfied with the suggestions that herbicides be used on this growth, the park called upon the Seneca Chapter of the Order of the Arrow Boy Scouts of America for assistance. After an inspection of the area, the group determined that the vegetation could be removed by hand, and on a rainy Saturday morning, 70 young men of the Order of the Arrow set forth to eliminate the grass and young plants growing in the crevices of the park's stone structures.

By afternoon, three locks, several culverts, some stone walls and parts of the Canal prism had been cleaned of the threatening vegetation. The Canal structures were now safe. As a result of the Scouts' efforts, potentially harmful pesticides were not used.

Each Scout who participated was awarded a certificate from the park initiating him into the park's newly formed Order of the Peregrine given to those whose efforts preclude the use of pesticides on park lands. More projects are planned throughout the park. In the words of the project leader for the Scouts, this effort "was just the beginning of a long line of Canal service projects."

Park Briefs

PINELANDS NR, N.J.—Secretary Watt has approved a \$2,950,000 grant under the National Parks and Recreation Act for the State of New Jersey to purchase 5,400 acres in the national reserve. New Jersey will provide an additional \$983,334 to acquire land in the Oswego River area adjacent to Wharton State Forest. The land to be acquired supports a wide diversity of threatened and endangered plant and animal species. Federal assistance for land acquisition in the Pinelands now stands at \$11.2 million.

WIND CAVE NP, S. DAK.—Rankin Ridge Trail, a 1-mile nature loop, has been designated a National Recreation Trail. The self-guiding trail offers 22 interpretive stops, including a fire tower at the trail's summit. This is the seventh such trail so designated in South Dakota. It joins the almost 700 other trails in its class nationwide. An interpretive brochure, given to visitors, discusses the relationship among the ponderosa pines, prairie grasslands and man's developments. It also depicts succession and describes the geology and animal life of the region.

CARLSBAD CAVERNS NP, N. MEX.—Winners of the 1982 art and photography show held earlier this spring have been announced by Area Manager Larry Henderson. For painting, Pat Beason won first place with an oil of a raccoon; Ruby Faubion

took second place with an oil of Signal Peak at dawn; Wilma Groom placed third with an acrylic of El Capitan, and Nora Robertson won fourth with a water color of winter in the Guadalupe. In photography, winners were Margaret Gruschow, Lynn Nymeyer, T. L. Ryan and Gerald Bergh. Sixty-four artists entered 193 paintings and photographs for the 11th annual contest.

MESA VERDE NP, COLO.—Petroglyph Point Trail, a rugged 2-mile loop, has been designated a National Recreation Trail. The challenging hike introduces visitors to the park's largest and best known group of Indian Petroglyphs. The Indian artifacts date from the 7th century and the trail offers excellent views of Spruce and Navajo Canyons. The 26th National Recreation Trail in Colorado, it joins almost 700 others nationwide.

GEORGE WASHINGTON MEM. PKWY., VA.—A 2-hour parade featuring the best high school bands in the eastern U.S. was held May 8 as part of the year-long celebration of George Washington's 250th birthday. Following the parade, a 1-hour band concert of patriotic and popular music was presented at Mount Vernon. It featured 13 bands from the 13 original colonies, playing together in one big band conducted by Col. Eugene W. Allen, leader of the U.S. Army Band at Fort Myer, Va.

LOWELL NHP, MASS.—The Market Mills, Lowell's new, \$12 million rehabilitation project, opened to the public over the Memorial Day weekend. A cooperative effort between NPS and the private sector, the complex contains the restored Lowell Manufacturing Co., the park visitor center complete with multi-media show, an artists' cooperative, "A Brush With History," food service and retail space and 300 apartments. The new complex will operate on a summer schedule through Oct. 11, as will the popular canal trolley tour and barge trip.

THE MALL, D.C.—Ground was broken this spring for a memorial to veterans of the Vietnam War. More than 120 combat veterans and politicians lifted shovels to begin the \$6 million memorial. The V-shaped, 500-foot memorial is being built with private funds and will enshrine the names of each of the 57,692 dead and missing in that conflict. Inscriptions will also honor the 2.7 million who served in Vietnam. The design for the memorial was created by 22-year old Yale University undergraduate Maya Ying Lin. It is planned to dedicate the memorial, Nov. 11, Veterans Day.

VALLEY FORGE NHP, PA.—Log huts, which housed George Washington's "life guard," have been fully restored for the summer season. The "life guard," consisting of two officers and 56 men, was responsible

for guarding the headquarters, the general's person, his baggage and papers. The park restoration crew has made interior repairs and also rethanked the fireplaces to improve their restored appearance.

GRAND CANYON NP—A jointly sponsored research-education program will be conducted in the park this summer. Northern Arizona University, in cooperation with the Park Service will allow qualified students to participate in baseline ecological and geological research studies within the canyon while earning college credits. The core of the program consists of an intensive 5-week course entitled: "The Biology and Geology of the Grand Canyon and the Colorado River." The first 3 weeks includes a strenuous schedule of lecture and laboratory sessions that prepare participants for a 2-week river trip.

FORT DAVIS NHS, TEX.—This spring, five members of the site's staff participated in a 30-mile cavalry ride from the fort to the town of Alpine, Tex., in conjunction with the town's centennial celebration. Riders were: Superintendent Douglas C. McChristian, Supervisory Park Ranger John Sutton, Park Technician Allan Morris and Volunteers Carl Rogers and Jim Nelson. The five rode as cavalymen of the 1880s with full field packs and uniforms. The next day they marched in the centennial parade.

STATUE OF LIBERTY/ELLIS ISLANDS, N.Y.—President Reagan and Secretary Watt have announced formation of a 21-member commission to assist the Government in carrying out memorial restoration plans. Lee Iaccocca, chairman of Chrysler Corp., will head the commission which is made up of private individuals and local officials. The Statue of Liberty-Ellis Island Centennial Commission will oversee repairs to the Statue, which has suffered from too much visitor use and corrosion, and the restoration of Ellis Island which has fallen into disrepair since it closed as an immigration center in 1954. NPS is seeking to develop the island into a major visitor attraction with the cooperation of the private sector. The commission will seek to raise \$100 million in private money to restore the island.

CHICKASAW NRA, OKLA.—Superintendent John D. Linahan called out all his troops at Lake of the Arbuckles to police the area in the annual spring cleanup. Twenty-five employees from rangers to maintenancemen filled nine large dumpsters with cans, bottles, tires, old shoes and fishing gear in a 12-mile "forced" hike around the lake.

'President Washington' takes oath of office in Lower Manhattan

Under bright sunlit skies and before several hundred mid-day spectators, General George Washington was re-inaugurated as America's first President in April.

Ceremonies were held on the steps of historic Federal Hall National Memorial on Wall Street in lower Manhattan, the site of our Nation's first capital, where the actual inauguration took place 192 years ago. Used in the 1982 re-enactment was the actual Bible used by President Washington in 1789 and by some of his successors including Presidents Harding, Eisenhower and Carter. The Bible had been on display for the month of April inside Federal Hall.

Re-enactment ceremonies are an annual event at Federal Hall, according to Manhattan Sites Superintendent Duane Pearson, who participated in the program and welcomed the noontime guests which included Wall Street area employees, executives and tourists, and several classes of school children.

Ceremonies were conducted by the Grand Lodge of Free and Accepted Masons of New York State. (General Washington was a Mason.) In addition to Masonic officials and representatives of the Park Service the Regimental Band from King's Point Merchant Marine Academy at Kings Point, N.Y., performed the National Anthem and songs of each branch of the military service.

On permanent display inside Federal Hall is the suit worn by General Washington at his inauguration 192 years ago. There are also exhibits on the Bill of Rights and Freedom of the Press.

Federal Hall is located on the site of the original federal hall where John Peter Zenger's trial involving freedom of the press was conducted in 1735; where the Stamp Act Congress convened in 1765; where the Second Continental Congress met in 1785 and where the Bill of Rights was written in 1789.

A New York 'wilderness'

By Michael Malone
Park Ranger
Fire Island NS, N.Y.

In late 1980, the Fire Island Wilderness Bill designated approximately 1,480 acres of Fire Island National Seashore N.Y., as part of the National Wilderness system.

Isolated by the Great South Bay from densely populated Long Island, the wilderness holds within its boundaries a unique diversity of natural communities. A covering of beach grass stabilizes the primary dune with a spreading of underground roots. Behind the dune line the swale begins. Here beach grass mixes with dense thickets of woody shrubs such as rugose rose, beach plum, and the ever present poison ivy. In spring this thick network of vegetation provides nesting and cover for a variety of migratory birds. The scurried activities and musical callings of the red-winged blackbird, rufous-sided towhee, and mourning dove bring new life to the one time silence of winter. To the patient observer the island wilderness offers year-round habitat for the white-tailed deer, red fox, eastern cottontail, mink and numerous small rodents. Searching further, select species of reptiles and amphibians may be located in the tight island community.

No threatened or endangered species are known to inhabit the area, although the bald eagle and peregrine falcon, both endangered, have occasionally been observed at Fire Island.

Moving further inland toward the bay, clusters of pitch pine stand like oases. Although they are the tallest growth in the wilderness, the salt spray coming from the ocean will always prevent the conifers and other trees from growing any higher than the shelter of the secondary dunes. Still, they provide welcome shade and rest for the visitor in the heat and humidity of summer.

A highly productive salt marsh fringes the bay side of the wilderness. The richness of life in this ecosystem is rarely surpassed in the natural world. It is a nursery to many marine species, a home for fiddler crabs and meadow voles and a feeding ground for

shorebirds, marsh hawks and short-eared owls.

As the long days of summer grow shorter and cool north winds blow a warning of winter, the spectacular migration of waterfowl wings its way over the island. To the avid bird watcher autumn also signals the migration of a regal family of birds: the raptors. A keen eye will be able to identify sharp-shinned hawk, kestrel, merlin, and if lucky the endangered peregrine falcon. Midway in the wilderness is Whalehouse Point. During the late 1600s and early 1700s a whaling station was kept in full time operation by one of the earliest European inhabitants, Isaac Stratford. His crews, keeping warm by fires, stood ready while lookouts with an eye seaward watched for the spouting of a whale. A cry of "whale out" sent the whalers after the great pods of cetaceans as they moved by offshore.

A life-saving station dating back to the mid-1800s was also located at Whalehouse Point. This was but one of many volunteer stations set up along the northeast coast to preserve life and property from shipwrecks. Upon hearing the cry of "ship ashore" the volunteer surfmen would launch their surfboats into the breakers in hope of reaching a ship before it broke up on the offshore sandbar and lives were lost. In 1915 the U.S. Life-Saving Service became the United States Coast Guard.

Two visitor areas on opposite ends of the wilderness, Watch Hill (available by ferry) and Smith Point (accessible by bridge), provide the primary means of entry. In summer, ranger naturalists introduce visitors via guided walks to the natural and cultural history of New York's first and only National Wilderness.

The abundance of life and beauty interwoven in the compact terrestrial environment of the Fire Island Wilderness makes it deserving of its new designation. But to the visitor from New York City or the urban towns of Long Island there is probably a different meaning behind the future preservation and protection of this stretch of sand. Henry Thoreau summed it up best: "In wilderness is the preservation of the world."

Statue of Liberty tools returned



Superintendent David Moffett (on left) presenting letter of appreciation to Kenneth Lynch from President Reagan.

By Manny Strump
Public Affairs Officer
Gateway NRA, N.Y.

In 1928, Kenneth Lynch, then a young metalworker from Manhattan, was hired to repair leaks and loose metal at the Statue of Liberty. While working on Liberty Island, he found the original tools which had been left behind by the French workmen who had assembled the Statue in 1886.

Although he tried to leave the tools behind, he was ordered to take them with him upon completion of the several-month project in order to receive final payment for his work.

Ken Lynch went on to gain an international reputation as a metal craftsman. Among his clients were the Rockefellers, Cecil B. deMille for whom he designed and created suits of armor for the entire cast of a Hollywood extravaganza, the Readers' Digest, Chrysler Building in New York City and many other well known and lesser known individuals, families and corporations.

Despite his fame and fortune, however, Ken Lynch devoted half a century to trying to give back to the Federal Government the tools he had found at the Statue of Liberty in 1928. But repeated efforts failed. "We wrote letters to almost everyone, including the Army, which controlled Liberty Island when I worked there, the Smithsonian Institution, Library of Congress and others, but no one wanted the tools," Mr. Lynch notes with a smile.

In the fall of 1981, the semi-retired octogenarian saw on a TV news program from his Wilton, Conn. home, a news item about Iranian

students being escorted from the Statue by Superintendent David Moffitt.

This renewed his interest, and Mr. Lynch promptly called Moffitt. Shortly thereafter, members of the Statue staff, accompanied by representatives of the Park Service North Atlantic Regional Office in Boston, visited Mr. Lynch and trucked the tools for safekeeping display at Liberty Island.

Not one to let a half-century effort go unnoticed, Mr. Lynch sought and received from Moffitt, permission to help plan a formal ceremony at which time the tools would be donated—finally—to the Federal government, and in early April, the celebration was held.

Among those participating were Regional Director Herbert S. Cables Jr., Moffitt, Lt. Gen Bernhard Mittemyer, Surgeon General of the Army, and representatives of the metalcraft industry. Highlight of the program was the appointment of Mr. Lynch as an honorary Park Ranger and the reading by Moffitt of a personal letter of appreciation to Mr. Lynch from President Reagan.

The tools are on permanent display at the base of the Statue. According to the donator, the tools have a value of close to \$10,000. "But heck. What's a man of my age going to do with \$10,000? I've waited and tried too long to give the tools to the rightful owner and I'm proud that future generations will be able to see the crude tools used to create the Statue of Liberty. Perhaps they'll gain a better understanding of the metalcraft industry and a better appreciation of the magnificent monument in New York Harbor."

NPS people in the news

Meet WASO Division Chiefs: Science and Technology



(From left, standing) Albert G. Greene, Jr., Barbara D. Brown, N.J. Bassin. (Seated) James W. Stewart, Richard H. Briceland and Arthur L. Stewart.

By Carolyn Harris
Office of Public Affairs, WASO

Richard H. Briceland has been Associate Director, Science and Technology, since 1980 and is the Director's principal assistant for science and technology. His responsibilities involve the natural, social, ecological, and physical sciences; the inventory, monitoring, and preservation of NPS natural resources; scientific information; and scientific aspects of the decision-making process that determines the management and operation of the National Park System. He serves as NPS Chief Scientist and is the WASO counterpart to the Chief Scientist in each region.

Dick came to NPS from the Environmental Protection Agency,

graduated from the University of Iowa, and has a Ph.D. in mechanical engineering from The California Institute of Technology. Here are his principal staff:

Barbara D. Brown has headed the Air Quality Division since 1978. The Division oversees a Servicewide program that includes monitoring air quality in about 40 park areas; inventorying park resources sensitive to air pollutants; and conducting research on problems such as visibility impairment, vegetation damage, and acid rain. The Division maintains a team of air quality experts in Denver which provides technical assistance to the regions and parks in detecting, preventing, and remedying air pollution damage to park resources.

Barbara worked with Congress on the 1977 amendments to The Clean

Water Act and came to NPS from the Environmental Protection Agency. She graduated from Vassar and has a Master's degree in public policy (environmental science) from the University of California at Berkeley.

James W. Stewart heads the Energy Conservation and Technology Transfer Division which works to improve energy efficiency in NPS buildings and operations through building retrofits, use of renewable energy sources, better equipment operation and maintenance, and increased employee awareness of energy conservation. The Division works with regional energy coordinators who work with counterparts and superintendents in the parks.

Division efforts have identified measures to be taken in heating, cooling, ventilating, and lighting systems throughout NPS buildings, which by 1985 will achieve a 20-percent decrease in the average annual consumption of energy over 1975 consumption. The Division also works toward a 35-percent reduction in consumption of fuel oil, diesel fuel, kerosene, and liquid propane gas through shifts to alternative fuel systems.

Jim came to NPS with a degree in landscape architecture from Iowa State University. He has headed planning teams, supervised construction and rehabilitation in The Everglades after Hurricane Donna in 1960, coordinated plan reviews, and served as Denver Service Center liaison in WASO.

Arthur L. Stewart heads the Natural Landmarks Division which maintains the National Registry of Natural Landmarks, a list of 537 areas recognized by the Secretary of the Interior as nationally significant examples of America's natural history. The Division conducts a nationwide series of natural region theme studies from which it identifies and evaluates potential landmarks, recommends areas for designation as landmarks by

the Secretary, and encourages consideration of natural landmarks in public and private planning throughout the Nation. The Division prepares a report to Congress annually on threats and damage to these resources.

Art studied geography at Boston State College, was an intelligence analyst with the Defense Intelligence Agency, and came to the Bureau of Outdoor Recreation in 1969 to do resource area studies.

N. Jay Bassin has headed the Water Resources Division since 1981. The Division writes guidelines to help parks and regions prepare the water resource portion of each park's General Management Plan and sees that hydrologists, geologists, and other water resource experts provide managers with scientifically and technically sound methods for solving problems related to water quality, water supply, and the mitigation of threats to these resources. Working closely with regions, the Division allocates funds on the basis of Servicewide needs.

The Division coordinates the collection and analysis of water samples and studies the actual and potential effects of irrigation, mining, hydroelectric power, industrial operations, acid rain, and other activities on water-related ecosystems in the parks. The Division has a field support laboratory in Ft. Collins, Colo.

Jay came to NPS after 2 years with the Fish & Wildlife Service and 5 years with the Bureau of Land Management in Los Angeles. He has a Doctorate in oceanography from Texas A&M University.

The Natural Science Division formulates science policy for the National Park System. It evaluates all research and natural science activities beyond regional scope, including those in cooperation with research institutions. The Division develops guidelines for all NPS natural science

activities and provides oversight for research planning requirements of The General Management Plan and other action plans.

The Division oversees NPS compliance with the Endangered Species Act; takes the lead in various interagency and international science activities; and is responsible for the review, publication, and distribution of NPS scientific publications.

Albert G. Greene, Jr., is acting head of the Division. He also heads the Special Science Projects Division. This Division conducts studies to evaluate the effect of social change on park areas, such as how the development of boom towns and urban activities change recreational patterns. It also studies coastal areas, such as the effect of off-road vehicles on dunes and historic structures, the dynamics of barrier islands, and issues related to flood insurance. It also participates with representatives of more than 100 countries in the United Nations' Man and the Biosphere program to research and monitor environmental change in Park System areas. NPS manages 17 biosphere reserves in an attempt to preserve forever existing genetic material. The Division recommends to the UN areas suitable for future designation as biosphere reserves.

The Division encourages nonmanipulative research by scientists throughout the National Park System. About 800 research projects are funded by NPS and outside sources are underway. All research is designed to provide information required by NPS managers to manage park resources better now and in the future.

Al came to NPS in 1974 after serving as Program Manager at the National Science Foundation and before that as Assistant Director at the University of Georgia Marine Institute at Sapelo Island. He has a Ph.D. degree in plant physiology from the Ohio State University.

Seasonal ranger law enforcement training program

By William O. Dwyer, Ph.D.
Institute Director
and
R. Flip Hagood
NPS Division of Training, WASO

In 1980 Memphis State University developed a 300-hour seasonal ranger law enforcement training program. Through the combined efforts of the Departments of Psychology, Criminal Justice, Parks and Recreation and the School of Law, as well as the Shelby County, Tennessee Sheriff's Department, the training program was implemented with an initial class of 30 students. The format of the program is different from those of the other certified training facilities in that the training takes place over an 8-month period and is integrated into the students' regular curriculum. To be admitted to the program, a student is interviewed and screened. To be awarded a certificate the student must maintain a "B" average or better in the course and qualify on both the firing range and the response driving course.

In addition to the 200 hours mandated by the FLETC for seasonal law enforcement training, the Memphis State program contains another 100 hours comprised of skills training, role play and other ranger activities such as orienteering, search and rescue, technical rock climbing and resources management. The training program has been certified by WASO, and last summer several of the academy's graduates worked as seasonals in various parks across the country as well as parks in the Tennessee State Park System which also certified the school. The theme of the training program is that law enforcement is actually a performing art; the successful patrol ranger is the one who is well versed in law enforcement knowledge and skills but who has also learned to do the job effectively and competently by using

as little formal power and authority as possible. The acquisition of these interpersonal skills is emphasized in the many hours of skills training and role play.

The second Seasonal Ranger Law Enforcement class has just completed its training, and this summer 21 students have accepted commissioned positions in 11 State and Federal parks. As part of the training program Memphis State also conducts a recruiting effort for non-commissioned seasonals, and so far this season 31 additional students have been placed in 16 State and Federal parks. Some of these students are participating in the co-operative education agreement which Memphis State has with the National Park Service.

Picture 'golden days' at Yellowstone as a volunteer

Picture yourself, a recent retiree from the National Park Service, volunteering a month or two of Indian Summer as a temporary measure to help fall visitors enjoy Yellowstone National Park.

Picture yourself competing with many others for the privilege of "living in" at Canyon, Grant, Mammoth, Norris, or Old Faithful for a month or two, acting as a host or hostess, giving information and maintaining a visitor center.

Interested? Picture yourself writing George B. Robinson, Chief of Interpretation, at Yellowstone National Park, Wyoming 82190 or telephoning him at (307) 344-7381, extension 2256, for further information.

McLaren clan totals 132 years with NPS

When Fred D. McLaren had his 90th birthday on Feb. 5, 1982, his three sons came to Poulso, Wash., to help him celebrate. Their gathering brought together 132 years of National Park Service experience.

Fred retired in 1957 after working for 37 years in Rocky Mountain National Park. He was West District Manager when he retired. His six children, three boys and three girls, were raised in the Grand Lake Ranger Station.

The three boys, F. Douglas, Richard C., and Elbert A., all followed in their father's footsteps and pursued NPS careers. Doug says his dad was a good teacher, and they all liked the Park Service way of life. Doug has 33 years with the NPS, all at Grand Teton National Park where he is presently the North District Ranger. Richard retired in 1980 after 34 years with the NPS. Prior to retiring, he was Assistant Chief Ranger at Grand Canyon. He also worked at Olympic, Yosemite, and Sequoia-Kings Canyon National Parks. Richard now lives in Fresno, California. Elbert has 28 years with the NPS and is presently a subdistrict ranger at Rocky Mountain. He also worked at Yellowstone.

When the four McLarens get together, it's no trouble finding conversation—they have many tales to tell about the "good old days" in the National Park Service. So far, however, it doesn't look like any of the next generation will pursue careers with the NPS, but maybe some of their children will!

Retirees

Albert W. Banton, Jr., superintendent of Lincoln Home National Historic Site, Ill., closed out a 34-year career with NPS April 21.

Banton will stay on at the Home as a re-employed annuitant for a time, to coordinate special events in observance of the 10th anniversary of the establishment of the site.

A native of Gary, Ind., Banton received his Bachelor's degree from Indiana University. He joined the NPS in 1947 and served at various "cannon ball" circuit parks before being posted to Illinois in 1965.

He will be succeeded by Gary W. Easton of the Omaha Regional Office.

Catherine T. Kelly, payroll supervisor for the Mid-Atlantic Regional Office, retired Feb. 20 after 44 years Federal service.

Kelly came to work for the Park Service in 1958 and had previously served with several other Government agencies.

During her long career, she received several awards, including a Special Achievement Award in 1971.

Ann Cellucci, employee relations specialist in the Mid-Atlantic Regional Office, retired April 23 after 31 years Federal service.

She joined NPS in 1960 with the

Eastern Office of Design and Construction in Washington.

Cellucci is a native of Philadelphia and plans to spend her retirement days there.

Betty Zeidman, a senior staffing specialist with the Mid-Atlantic Regional Office, retired April 29 after more than 30 years Federal service.

A native of Washington, Zeidman landed her first Federal job with the Treasury Department in 1941. She moved with her husband to Philadelphia in 1943. She received a Meritorious Service Award from the War Labor Board in 1945.

Zeidman plans to travel and go surf fishing with her husband, Hy.

Joe Shellenberger, management assistant at Glacier National Park, Mont., retired April 2, concluding a 12-year NPS career.

The Seattle native joined the NPS following a management career with Boeing Airplane Co. He started as a seasonal ranger/naturalist at Grand Teton National Park in 1970. He moved to Olympic National Park, Wash., as a concessions analyst from 1977-79.

He and his wife, Mary, are building their retirement home near Sand Point, Idaho.

BITZER, Christina J., Secretary-Steno, RMRO, to Mgmt Asst, DSC.
 BUDD-JACK, Steve W., Park Ranger, Sequoia NP, to Supv. Park Ranger, Sequoia NP.
 DANNER, Rodney L., Ranger, Everglades NP, to Supv. Park Ranger, Cape Cod NS.
 ERVINE, Eugene N., Exhibit Spec., Sitka NHP, to Same, ARO.
 FIERO, Donald C., Archeologist, RMRO, to Supv. Park Ranger, Mesa Verde NP.
 MAXON, David Y., Park Ranger, Klondike Gold Rush NHP, to Supv. Park Ranger, Whitman Mission NHS.
 MC GINNIS, David E., Supv. Park Ranger, Whitman Mission NHS, to Park Ranger, Badlands NP.
 MORITZ, Glen R., Carpenter, Bent's Old Fort NHS, to Maint. Worker, Capulin Mtn NM.
 NORTON, Frances, Supv. Park Ranger, NCR, to Volunteer & Grants Coordinator, NCR.
 PEINE, John D., Outdoor Rec. Planner, MWRO, to Social Scientist, Great Smokey Mtns NP.
 SIGLIN, Beverly J., Public Information Clerk, RMRO, to Same, Mount Rushmore NM.
 STEELE, Sheridan S., Mgmt Asst, Cuyahoga Valley NRA, to Park Mgr, Fort Scotts NHS.
 SURDUKOWSKI, James, Park Ranger, Eisenhower NHS, to Supv. Park Ranger, Shenandoah NP.
 TERRY, Ronald A., Park Tech., Sequoia NP, to Supv. Park Ranger, Death Valley NM.
 WILBUR, Malcolm T., Supply Clerk, NCR, to Admin. Asst, NCR.
 BENTLEY, Frederick W., General Engineer, Branch of Design, DSC, to Supv Gen Engineer, Branch of Design, DSC
 BISHOP, Norman A., Supv Park Ranger, Resource Mgmt & Visitor Protection, Yellowstone, to Same, Interpretation & Visitor Services, Yellowstone NP
 CLARK, Lester Dean, Forestry Tech, Pinnacles NM, to Park Ranger, Resource Mgmt & Land Use, Whiskeytown NRA.
 CLOUSER, Kenneth L., Facility Mgr, Maintenance, Mount Rainier NP, to Civil Engineer, Branch of Construction, DSC.
 DAMRON, Beverley J., Communications Clerk, Resource Mgmt & Visitor Protection, Great Smoky Mountains NP, to Sec. Interp Recreation & Resource Mgmt, Prince William Forest Park.
 DAVIS, Ernest L., Concession Mgmt Spec, Assoc Reg Dir Operations, MWRO, to Supv Concess Mgmt Spec, Office of the Superintendent, Yellowstone NP.
 FREDERICK, Arthur C., Park Tech, Fort Carolina NM, to Park Ranger, Delaware Water Gap NRA.

FREET, Bruce L., Park Ranger, Wind Cave NP, to Same, Big Cypress National Preserve.
 HOOKER, Donald R., Park Tech, Fort Donelson NMP, to Supv Park Tech, Cumberland Island NS.
 HUDSON, Tim A., Civil Engineer, TMW Branch of Construction, DSC, to Supv Civil Engineer, Park Maintenance, Yellowstone NP.
 HUFF, James R., Clerk, Admin Mgmt, Grand Canyon NP, to Park Tech, Visitor Activities, Grand Canyon NP.
 HUME, Charles W. Jr., Sergeant, East District, NCR, to Same, Criminal Investigations Branch, NCR.
 JONES, Frank D., Program Mgr, Midwest Region Former NCRS, to Supv Gen Eng (Assoc Mgr), Office of the Mgr, DSC
 KENDALL, Katherine C., Research Biologist, Interagency Grizzly Bear Study, RMRO, to Same, Office of the Supt, Glacier NP.
 LINDSEY, William W., Sergeant, Operations Div, NCR, to Same, Patrol Branch, NCR.
 MILLS, Debra K., Park Aid (Interpretation), Catoctin Mountain Park, to Same, Office of the Supt, Catoctin Mountain Park
 MONROE, Mia, Park Tech, Fort Point NHS, to Same, Muir Woods NM.
 NICHOLS, Jr., Samuel I., Facility Mgmt Spec, Glen Echo Park, to Maintenance Mechanic Foreman, Antietam NB.
 O'DELL, Benny C., Tractor Operator, JNEM NHS, to Maintenance Worker, Olympic NP.
 PAYNE, Nancy E., Staff Assist, Office of the Director, WASO, to Mgmt Analyst, Mgmt Consulting Div, WASO.
 PITTLEMAN, Stephen J., Park Tech (Interpretation), National Mall, to Park Ranger, Eisenhower NHS.
 RICHARDSON, Roy H., Electrical Engineer, Professional Consultants, DSC, to Same, Branch of Design, DSC.
 SANDOVAL, Jean M. Admin Tech, Assoc Reg Dir State & Local Affairs, SWRO, to Grants Assit, Recreation Programs, SWRO.
 SMITH, Darrion F., Park Tech, (Interpretation), Visitor Services, John F. Kennedy Ctr for the Performing Arts, to Same, Theodore Roosevelt Island.
 STILES, Gregory F., Supv Park Ranger, Sandy Hook Unit, Gateway NRA, to Same, Shenandoah NP.
 STREET, Sheryl J., Clerk-Typist, Finance, RMRO, to Same, Maintenance Div, WASO.
 SWENSON, John V., Data Transcriber, Finance, WRO, to Staffing Clerk, Personnel Mgmt & Developm't, WRO.
 THOMASON, John L., Heating Equipm't Mechanic, Maintenance, North Unit Yellowstone NP, to Maintenance Worker Leader, Wupatki NM.

WELLMAN, William E., Park Mgr (New Area Mgr), Fort Union Trading Post NHS, to Same, Timpanogos Cave NM.
 WONG, Melvin D., Park Tech, Muir Woods NM, to Park Tech, Fort Point NHS.
 YATES, Robert W., Park Tech, Big Cypress National Preserve, to Park Ranger, Shenandoah NP.
 BAILEY, Geraldine E., Clerk-Typist, Science Div, SERO, to Same, Finance Div, SERO.
 BALLOS, Charles, Carpenter, Minute Man NHP, to Same, TNC Williamsport Training Center, DSC.
 BERRY, Russell W. Jr., Park Mgr, Office of the Supt, Big Bend NP, to Same, Voyageurs NP.
 BIRD, Deborah E., Clerk-Typist, Ranger Activities, WRO, to Park Tech, Visitor Protection Kings River District, Sequoia NP.
 BROOKS, Margaret A., Park Tech, Interpretation, Golden Gate NRA, to Same, Div Maintenance, Golden Gate NRA.
 BROYLES, Paul R., Park Ranger, Resource Mgmt & Visitor Protection, Mesa Verde NP, to Same, Wind Cave NP.
 CANNON, James W., Electrician Helper, Electrical Shop, John F. Kennedy Ctr for the Performing Arts, to Motor Vehicle Operator, Eisenhower NHS.
 CARLSON, Charles E., Supv Program Analyst, MWRO Former HCRS, to Mgmt Analyst, Administration Div, MWRO.
 CARSON, Caron A., Clerk-Typist, Office of the Regional Director, SERO, to Same, Park Protection & Visitor Services, SERO.
 CARTER, Lois C., Clerk-Typist, Procurement & Contracting, SERO, to Voucher Examiner, Finance Div, SERO.
 CHILDERS, Rebecca T., Concessions Contract Spec, Concessions Mgmt, RMRO, to Same, Office of the Supt, Grand Teton NP.
 CRAIG, Cynthia S., Park Tech, Div Resource Mgmt & Visitor Protection, Zion NP, to Same (Radio Dispatcher), Resource Mgmt & Visitor Protection, Natchez Trace Pkwy.
 CROPPER, Irene Y., Sec, Valley Forge NHP, to Purchasing Agent, Independence NHP.
 CURL, Elizabeth M., Clerk-Typist, Resource Mgmt & Visitor Protection, Everglades NP, to Sec, Office of Natural Science Studies, Everglades NP.
 DALE, Charles L., Supv. Park Ranger, Isle Royale NP, to Same, Ozark NSR.
 DAVIDSON, Cheryl A., Park Tech, Klinge Resource Center, NCR, to Park Ranger, Channel Island NP.

(Continued on page 6.)

Want a crack at the NPS Sports Hall of Fame?

By Ben Moffett
 Chief, Office of Public Affairs, SWRO
 1975—Herky Allcock, 72
 1976—Henry Craine, 71
 1977—Jim Mardis, Sequoia-Kings, 70
 1978—Charles Cottonwood, Sequoia-Kings, 70
 1979—Jim Ryan, Southeast Region, 69
 1980—Edward Drotos, National Capital, 70
 1981—Graham Lewis, Southeast Region, 69
 1982—? ? ?

You see lists like the one above every time you pick up the sports page. The preview story of the Big Event and a summary of past winners.

It's done for such competitions as the Indy 500, the Masters, the Heisman Trophy, the Sullivan Award, baseball's MVP, the Hickok Belt, the Cy Young Award . . .

If there's enough of Walter Mitty's spirit in you to want to get on one of those lists, here's your chance. You can add your name alongside the names of the likes of Allcock, Cottonwood, Drotos and Lewis.

And you don't have to win the Boston Marathon, the Monaco Grand Prix or the Belmont Stakes.

All you have to do to join the annals of sports history is win the eighth

annual Frank F. Kowski Memorial Golf Tournament which is a competition for National Park Service employees, retirees and their families.

Expenses are minimal. There is a \$3 entry fee and practically no money is needed for travel. That's because you can play your home course, be it Pebble Beach, Augusta National, Tanglewood, Glen Canyon or Snapfinger Woods, which produced last year's champion.

The eighth annual Kowski Tourney will be played as a series of local tourneys between August 15 and October 1. Following completion of the local tourney, scorecards and fees should be forwarded to Earl A. Hassebrock in the NPS's Southwest Regional Office. Hassebrock will compute the net scores under the Callaway Handicap System. Awards will be given on a Servicewide basis for low gross, first, second and third low net, the longest putt and the closest to the pin off the tee on a predesignated par 3 hole.

The tourney was named in honor of the late Frank Kowski, former Southwest Regional Director and the first supervisor of the Albright Training Center. In its first 7 years, \$3,718.92 has been raised for the NPS Employees and Alumni Association Education Fund.

August 25th nationwide dinner meeting

The annual dinner meeting of the 1916 Society will take place in the Washington, D.C., area on August 25, at the National Geographic Membership Building in Gaithersburg, Md.

Last year several groups across the country sponsored regional dinners and other types of gatherings which took place at the same hour as the Washington dinner, and thus permitted a telephone hookup by which all were able to participate in an exchange of greetings with Horace M. Albright, the Service's second director, at his home in Los Angeles. This year it is expected that all Regions will participate in celebrating the anniversary of the date on which the legislation enacted by Congress was approved by President Woodrow Wilson.

Cornelius W. Heine, who was elected to the Executive Committee last November, was appointed chairman of the program committee for this year's dinner by Gordon Fredine, chairman of the 1916 Society. T. Sutton Jett, who retired as the Society's chairman in November, was named chairman of the arrangements committee.

The special theme for the 1982 dinner meetings will be the role of the National Park Service in the Historic Preservation Movement, highlighting such landmark legislation as The Antiquities Act of 1906. During the many years that the Park Service has been the lead Federal agency in the field of cultural conservation, many Service members played indispensable roles in the development of national historic preservation policy and programs—such well-known leaders as Horace Albright and Ronnie Lee. Reference will also be made of the 250th anniversary of the birth of George Washington, whose memory and monumental contributions to the Nation and its heritage is recognized by several areas in the National Park System from his Birthplace to the Washington Monument in the Nation's Capital.

The 1916 Society will again send invitations to those who have attended the annual dinner in previous years. Others who would like to be included on the invitation list should write to Mrs. Rita A. Mastin, 9314 Cherry Hill Road, Apt. 413, College Park, MD 20741.

Deaths

Julio Marrero-Nunez, former superintendent of San Juan National Historic Site, P. R., died Feb. 20.

After graduation from the University of Puerto Rico in 1935, Mr. Marrero studied art in Spain and later Yale University.

Joining NPS in 1949, he set up the first interpretive program in Puerto Rico along with David Jones and Clarence Johnson. He served as superintendent for 8 years. In 1970, he transferred to Washington, where he worked in the Division of International Affairs.

He is survived by his wife, Daisy and his two sons, Tito and Julito.

Jean Frederick Bart, retired postmaster at Grand Canyon National Park, died at his home in Rosewell, N. Mex., Jan. 17.

Mr. Bart worked at the Grand Canyon post office from the mid-'50s until his retirement in 1975. Previously, he had been employed by the Fred Harvey Co., since 1936.

Survivors include a cousin, Norman E. Fisher.

Frederick W. (Bill) Cron, a Federal Highway Administration employee who worked closely with many NPS employees on road construction, died April 19.

Mr. Cron played instrumental parts in the construction of the George Washington Memorial Parkway, Va.; the Colonial NHS (Va.) Parkway; the Blue Ridge Parkway, Va.; the Natchez Trace Parkway, Miss.-Tenn.-Ala., and highways in Great Smoky Mountains National Park and Vicksburg National Military Park, Miss.

He is survived by his two sons, Erich and Thorpe and his wife, Isabel of the home at 10495 W. Virginia Ave., Lakewood, CO 80226.

John Ogden Morrell, retired management assistant at Great Smoky Mountains National Park, died May 8. He was 80.

After graduation from the University of Tennessee Law School, he joined the NPS in 1936 as a land expert, later becoming a park ranger.

He retired in 1968. He is survived by his wife, Grace, and two daughters.

Judith Waddell, assistant district ranger at Upper Delaware National Scenic and Recreational Area, N.Y.-Pa., died Feb. 1. She was 32. She worked for 10 years at various D.C. area parks and at Yosemite National Park. She leaves her husband Tedder, also a district ranger.

Marcel Hart, retired chief ranger at Glacier National Park, Mont., died March 15 in Kalispell, Mont. She and husband, Ruben, also an NPS employee, worked in several of the big western parks for 30 years. In addition to her husband, she leaves a daughter.

Wilmer Walker, a 22-year NPS veteran, died Jan. 31. He served at Yellowstone, Everglades and Great Smoky Mountains National Parks. He is survived by his wife, Alice of Columbia City, Ind.

Glenn Taylor, retired environmental specialist with the Denver Service Center, died March 13 in Grand Junction, Colo. He is survived by his wife, Raye and two children.

William M. Kocher, an old-time Yellowstone National Park seasonal ranger died March 5 in San Jose, Calif. Mr. Kocher served as a seasonal in the Mammoth and Lake Districts from 1923-26. He is survived by his wife, Lolita.

To the editor:

I commend the COURIER for the March article introducing Terry Wood to those who may not know her and allowing those of us that do know her to rekindle our pride in the Service. A look at the history of the Service during the time Terry has been in Washington makes me realize that dedication, endurance, and adaptability are only a few of the traits she possesses. She is a true professional who is where she is today because of ability, hard work, and commitment to doing the job right. The personal standards Terry has set for herself have caused her coworkers and supervisors to reevaluate their own performance just to stay even. A highpoint of my time in the Washington Office, Office of Legislation, was having Terry Wood on the team. Thanks for recognizing one of the best.

Eldon G. Reyer
 Associate Regional Director,
 Planning and Cultural Resources,
 Southwest Region

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Santa Fe's firefighter bureaucrats



(From left) Don Dayton, Bob Utley, Nancy Dayton, Chief Liebson, Barbara Hamm, Melody Webb, Don Lenihan and Bruce Anderson.

National Park Service rangers fight fires in the parks, but in one little corner of New Mexico National Park

Service bureaucrats fight fires too. More than half the members of the Eldorado Volunteer Fire Department

are men and women with Park Service ties. Eldorado is a satellite community of Santa Fe.

Of the thirteen active firefighters in the department, seven are Park Service people. The Southwest Region's Deputy Director Don Dayton and his wife Nancy are members. Regional Historian Melody Webb wears the gold badge of a lieutenant, with special responsibility for keeping the fire engine in a state of constant readiness. Her husband, former Chief Historian and Assistant Director Bob Utley, rates only a silver badge. Underwater Archeologist Dan Lenihan heads the Submerged Cultural Resources unit based in the Santa Fe regional office. Until recently Barbara Hamm worked in Dan's unit. Research Archeologist Bruce Anderson answers to the Regional Archeologist. All live in Eldorado, a community whose

predominantly solar homes are spreading across the juniper plains thirteen miles southeast of Santa Fe.

Under the leadership of Chief John Liebson, a 24-year veteran of the fire service, the department has gained impressive strength in the past two years—in skills if not in numbers. Rain or shine, one night a week is devoted to rigorous training, and residential, grass, dump, and automobile and truck fires occur in the 40-square-mile Eldorado Fire District with a regularity that gives practice in the real thing. The main drawback is the pumper, a 1947 International long since prime candidate for a museum. It presents a curious spectacle as, with red lights flashing feebly and siren managing only a low growl, it labors noisily toward a fire at a top speed of 25 miles per hour. But that is soon for the nostalgic past, for members eagerly

await delivery of a big new pumper currently taking shape in Albuquerque, with a price tag of \$95,000.

The department's most memorable summons came last Fall with a major residential blaze in Lamy, 8 miles down the highway to the south. The bedside pagers went off at 5:25 a.m., the pumper with nearly all members cleared the station ten minutes later, and the water streams were playing by 6. It was a 5-hour fight, joined by the neighboring Hondo firefighters. The house was lost, but the historic Lamy church, only 20 feet downwind and already smoking on arrival, was saved. Also saved: a dog locked in a blazing room, liberated by Don Dayton.

As Eldorado grows, so too must its fire department—perhaps with still more infusions from the bureaucratic ranks of the National Park Service.

Awards

Awards, kudos and other honors have recently been presented to Park Service employees throughout the country, including Director **Russ Dickenson**, who received an honorary doctoral degree from his alma mater, Northern Arizona University. Dickenson received the degree when he delivered the keynote address at the commencement May 14 in Flagstaff.

An Interior Department Meritorious Service Award and a Unit Citation were among the awards recently presented.

The **Maintenance Crew** of the Whiskeytown-Shasta-Trinity National Recreation Area, Calif., got a \$1,500 Unit Citation for "their outstanding effort and work" performed on the rehabilitation of the historic Camden House.

Recipients included Buildings Leader **Berwyn Jeffery**, Maintenance Chief **Mayo Zabriskie**, Foreman **Walt Frost** and Maintenance Workers **Frank Moreno**, **Mark Lomill** and **Dave Palin**. Superintendent Ray Foust made the presentation.

Robert L. Peterson, associate director for Management and Operations for the Alaska Region, received his MSA for "his outstanding contributions in Alaska." Regional Director John Cook made the presentation.

At Big Bend National Park, Tex., Superintendent **Gil Lusk** was honored with the 1981 regional safety award plaque. Southwest Regional Director Robert Kerr presented the plaque.

Kathy Monroe, a park technician at Santa Monica Mountains National Recreation Area, Calif., recently received a Distinguished Expert Certificate for scoring a perfect 300 score on the practice pistol course at the Federal Law Enforcement Training Center at Glynco, Ga.

At Carlsbad Caverns National Park, N. Mex., Special Achievement Awards went to **John Duran**, administrative officer, and **Ed Queen**, maintenance worker. Both men were cited for taking up the slack left by vacancies in their work areas.

READER INTEREST SURVEY

So we can be sure we are meeting your needs, we want to know how you like the new National Park COURIER; and how interesting you find the contents of recent issues.

Please circle the number in the column to the right of each section that best describes your reaction. Also, enclose comments or suggestions if you wish. Please mail the form to Editor, National Park COURIER, U.S. Department of the Interior, Washington, D.C. 20240.

	Very Interesting	Somewhat Interesting	Not Interesting	
Articles and photos on activities & programs	1	2	3	
Park Briefs	1	2	3	
Employees: awards, transfers and "On the Move" column	1	2	3	
Profiles: Employees & Alumni	1	2	3	
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Letters to the Editor	1	2	3	
	Excellent	Good	Fair	Poor
How would you rate the new format?	1	2	3	4
Additional comments _____				

Your comments will not be published.

On the move

(Continued from page 5.)

DAVIS, Jerry H., Park Tech, Ocmulgee NM, to Same, Florida District, Gulf Islands NS.

GOLDSMITH, Gene E., Exhibit Spec, North Atlantic Historic Preservation Center, to Maintenance Foreman, Lowell NHP.

HALL, Robert Lee, Park Ranger, Organ Pipe Cactus NM, to Same, Office of the Supt, Southern Arizona Group.

HIXON, David W. Sr., Carpenter, Antietam NB, to Same, Allegheny District C&O Canal NHP.

HUBBELL, Sara C., Park Ranger, Lowell NHP, to Same, Minute Man NHP.

JOHNSON, Carrie F., Sec, Concessions Mgmt, NCR, to Same, Adin Office, George Washington Mem Pkwy.

LANSING, Jacqueline R., Outdoor Recreation Planner, Recreation Planning & Tech Services, RMRO, to Concessions Contract Spec, RMRO.

MCCABE, Patrick J., Park Tech, Cape Lookout NS, to Park Ranger, Delaware Water Gap NRA.

MIKUS, Bill, Park Ranger, Office of the Supt, Southern Arizona Group, To Same, Organ Pipe Cactus NM.

MORRIS, Raymond W., Park Tech, Valley Forge NHP, to Supv Park Ranger, Gettysburg NMP.

NICHOLSON, Joseph J., Park Ranger, Eisenhower NHS, to Same, Allegheny Portage Railroad NHS.

OWEN, James A., Concessions Mgmt Spec, Concessions Branch, DSC, to Concessions Analyst, Concessions Mgmt Div, WASO.

PARRIS, Marilyn H., Park Tech, Office of the Superintendent, Chickamauga & Chattanooga NMP.

PHELPS, Julie, Clerk, Finance Div, RMRO, to Clerk-Typist, Cultural Resource Tech Assit & Proj Rev, RMRO.

PHIEL, Randy L., Park Ranger, Eisenhower NHS, to Same, Gettysburg NMP.

PIKE, John E. Jr., Maintenance Worker, Piedmont District, NCR, to Same, Palisades District, NCR.

PRICE, Sherryl A., Clerk-Typist, Petrified Forest NP, to Clerk, Visitor Activities, Grand Canyon NP.

ROBINSON, Loretta F., Purchasing Agent, Independence NHP, to Same, Contracting & Prop Mgmt, MARO.

ROSSINI, Elizabeth A., Park Aid, Petrified Forest NP, to Park Tech, Visitor Activities, Grand Canyon NP.

SAMUELS, Myron L., Park Tech, Ft Dupont, Kenilworth, Anacostia Parks, NCR, to Park Tech (Interpretation), Oxon Cove, NCR.

TAYLOR, Afton B., Admin Clerk, Capitol Reef NP, to Same, Cedar Breaks NM.

THOMPSON, Russell A., Admin Tech, C&O Canal NHP, to Admin Officer, Coulee Dam RA.

WAHLER, Charle B., Tech, Jefferson NEM NHS, to Park Ranger, Morristoryn NHP.

BURCHETT, Barbara A., Park Tech, Indiana Dunes NL, to Supv Park Ranger, Carlsbad Caverns NP.

CARRASCO, Herminia M., Elevator Operator, Carlsbad Caverns NP, to Park Aid, Carlsbad Caverns NP.

CARRASCO, Rudy, Park Tech, Big Bend NP, to Park Ranger, Guadalupe Mountains NP.

CHETWIN, Clifford F., Supv Park Ranger, Pinnacles NM, to Same, Carlsbad Caverns NP.

COVEY, John S., Laborer, Everglades NP, to Motor Vehicle Operator, Guadalupe Mountains NP.

DOCKENS, Glenda S., Custodial Worker, to Park Aid, Carlsbad Caverns NP.

PARIS, Sharon M., Park Tech, Golden Gate NRA, to Park Ranger, Carlsbad Caverns NP.

VALDEZ, Celia C., Elevator Operator, to Park Aid, Carlsbad NP.

WALTERS, James E., Park Ranger, Grand Canyon NP, to Same, Carlsbad Caverns & Guadalupe Mountains NP.

WHITWORTH, Jock Fennel, Park Tech, Navajo Lands Group, Wupatki NM, to Supv Park Ranger, Carlsbad Caverns NP

Queen Beatrix at Independence



Independence National Historical Park Superintendent Hobie Cawood shown at the Liberty Bell with Her Majesty Queen Beatrix of the Netherlands during her recent visit to Independence. (From left) Cawood, Queen Beatrix, Mrs. Dorothy Kaufman, Independence Hall Association Chairman Arthur Kaufman, and Philadelphia Mayor William Green; partially visible on right is Beatrix's husband Prince Klaus.

Watt visits Indiana Dunes National Lakeshore



During a recent swing through the midwest, Secretary Watt visited the Interior Department offices (including NPS) in Omaha, and dropped in on the staff at Indiana Dunes National Lakeshore.

During a press conference at the Dunes, Watt said:

"It is phenomenal to stand in the beauty by the water's edge and see the dune grasses and trees and yet look both ways and see tremendous industrial development."



RUSSELL E. DICKENSON, Director
National Park Service
U.S. Department of the Interior



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