

Courier

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China: Making parks for a billion people

By Jean Matthews
Science Editor, Pacific Area

"An exchange program between the National Park Service and the People's Republic of China (PRC) is likely to be a significant part of a wider cultural exchange, for national parks are important components to national identity, cultural pride, and worldwide cooperation."

This statement winds up "A Report on Exchange Between the National Park Service and the People's Republic of China," prepared for Director Dickenson and Pacific Northwest Regional Director Tobin by Dr. Gary E. Machlis, sociology project leader for the NPS Cooperative Park Studies Unit at the University of Idaho.

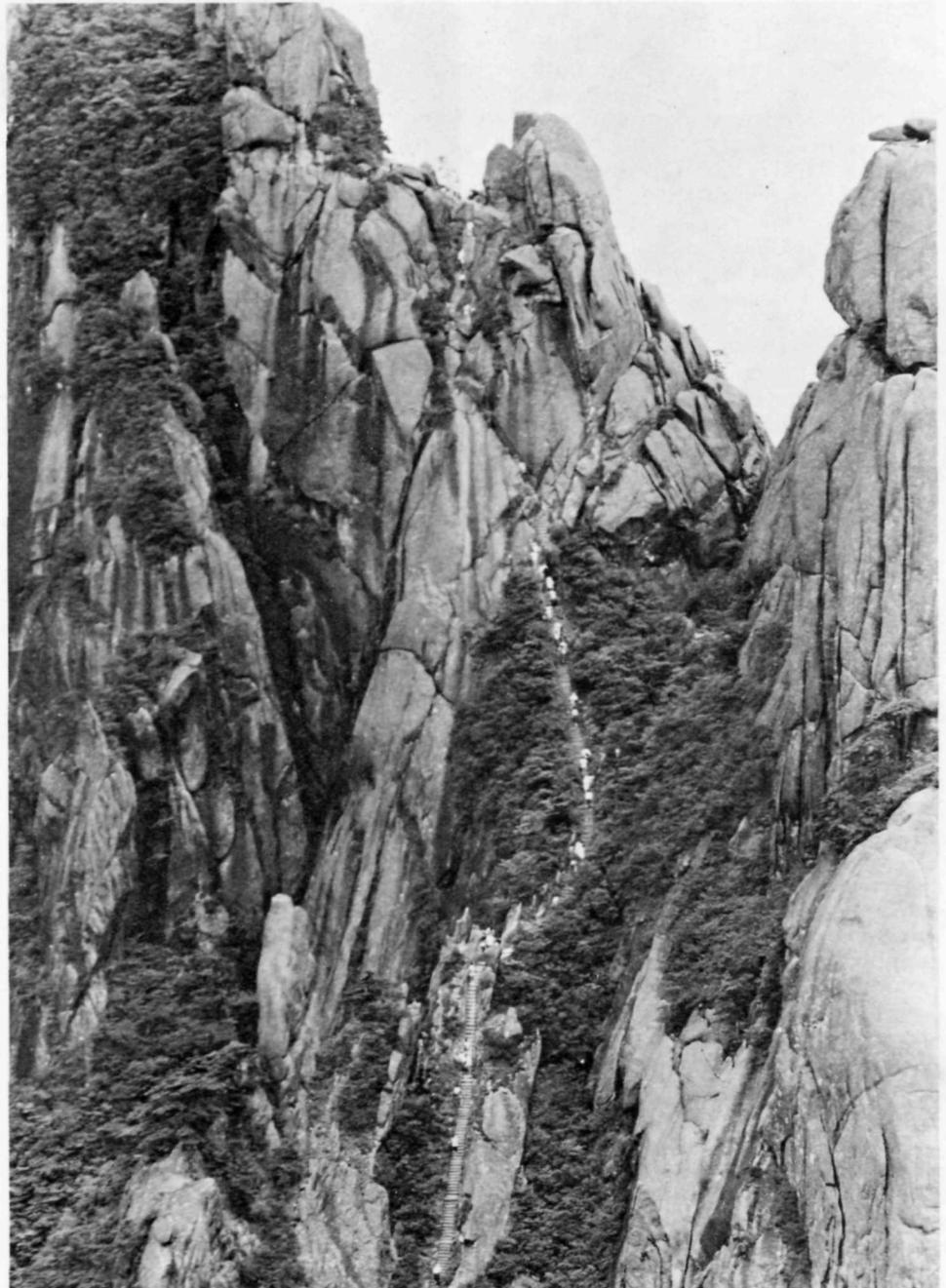
Dr. Machlis spent 2 months last summer in the PRC on an exchange mission between the PRC Ministry of Forestry and the Idaho University College of Forestry, Wildlife and Range Sciences. He and another faculty member in the Department of Wildland Recreation Management taught 64 faculty members and park managers from throughout China at the Nanking Technological College of Forest Products, and then traveled a month, visiting urban parks, tourist developments and potential national parks in China. The trip was funded by the University and the Chinese government.

(A page from Dr. Machlis' diary [See page 2.] provides a hint of the trip's flavor.)

The main intent of the 4-week course was to provide students with an overview of forest recreation, focusing on materials useful for development of a national park system. China presently is organizing such a system, and according to Dr. Machlis, many areas will qualify for inclusion.

As an example, he cites Huangshan, occupying a central spot in China's artistic, cultural and environmental heritage. Huangshan is located in the Anwei province of southeast China . . . a mountainous area, a natural botanical

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Trail to Heavenly Capital City at Huangshan, China.



Entrance gate of Huangshan Provincial Park in Anwei Province, China.

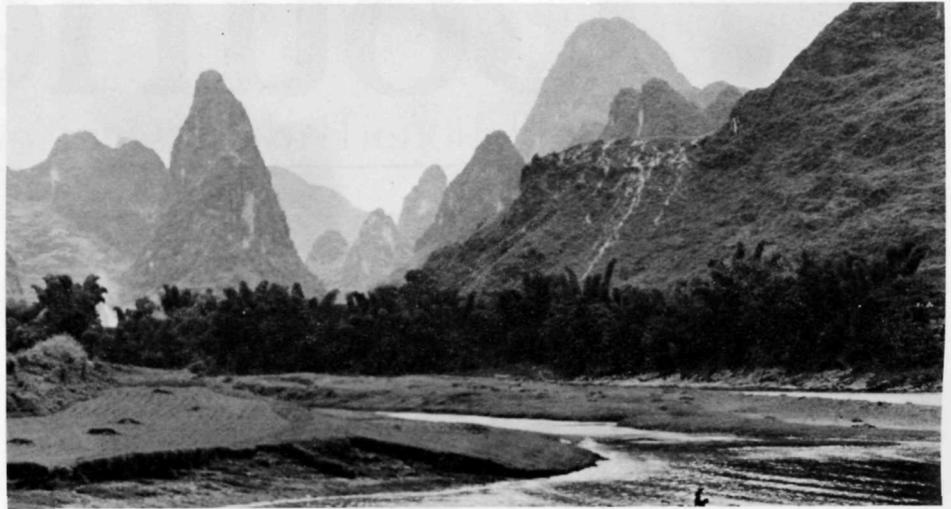
garden, and rich in wildlife, including 13 endangered species. Breathtakingly steep trails provide access to the undaunted, and facilities can accommodate 4,000 overnight visitors. In 1979, 281,592 people visited Huangshan; of these only 370 were foreigners.

In his Report to the Director, Dr. Machlis cites the dearth of scientific information dissemination that occurred in China during the reign of the "Gang of Four." He found avid interest among Chinese for an on-going information exchange on park-related research, both biological and social. The parklands of China and the United States represent a natural laboratory for comparative research, matching similar park ecosystems. In the case of parks that also serve as biosphere reserves, this approach could be useful in the monitoring of impacts.

In addition, Dr. Machlis reported, an exchange of experts clearly is called for. Chinese scientists could be invited to work, train, and present papers in the U.S., and NPS scientists could be loaned to the PRC for specific research projects. A similar program could be established for resource management specialists, with great gains for both countries.

Several of the design and engineering problems facing Chinese parks are similar to NPS situations, and Dr. Machlis suggests that a sharing of experiences and exchange of professionals would aid the Chinese in choosing among alternative design solutions and would suggest innovative solutions for American situations.

There are no courses in outdoor recreation management in China, although several universities are contemplating them. A special session of the ranger skills course at Albright Training Center could be combined with academic training at American universities. This approach could follow the trail already blazed at the University of Idaho's College of Forestry, Wildlife and Range Sciences, where a Chinese professional recently studied wildland recreation management and then attended the ranger skills course at Albright.



The Li River, near Guilin, runs through this spectacular landscape.

Another alternative, suggested in the Machlis report, would be to provide a traveling training program throughout China.

A course entitled, "Forest Recreation in China," the reports to the NPS Director and to the PRC Ministry of Forestry, and a research paper—these

were the tangible results of the trip. However, Dr. Machlis pointed out that a network of contacts, goodwill toward the National Park Service, and a foundation for future exchanges, although intangible, constitute no less important outcomes of the exchange.

Dr. Machlis' China diary



Chinese youth with author Gary E. Machlis, project leader, Cooperative Park Studies Unit. Excerpt . . .

"July 21, 1980: It is now 8:20 p.m., and it has been a *long* day. We woke at 7:30 and began to hike after a half-hour bus ride past much road construction. The roads are narrow, winding, with large stone rails, bridges and support walls. It reminded me of Mount Rainier's road—all built by hand with hand tools (which were being made on site!).

"The path was steep, with large stone steps and bridges. A power line paralleled the trail—no switchbacks—straight up.

"The forest began as a mixture of bamboo and pine, but by lunchtime it was all pine, with a lush undergrowth. We had lunch at a hotel on the mountain—

simple place: three stories of the biggest hotel I'd ever seen this remote! It was like coming out of the clouds to a fairy city. How they built it is beyond me. Again, it resembles early Park Service architecture. There are many temporary wood/metal barracks that are used by tourists, who are mostly students on vacation.

"The scenery is magnificent—steep, sheer cliffs, rocky outcroppings (it is a favorite pastime for Chinese hikers to discuss whether a particular rock looks like a fairy, a dog, two old women, or whatever . . .), and the wind-swept pines added to the picturesque effect.

"Had dinner with the group, as it was crowded and for once they couldn't insist that I dine in separate splendor. It was very enjoyable. After dinner we ran back to one of the outcrop overlooks to watch the sunset. What is special here is that each direction is entitled "A Sea of Clouds" and the mountains are expected to appear poking through those clouds. However, today was a relatively *clear* day, so (unlike Americans) many of the people were disappointed.

"I took a few photos and sat and talked with about 25 college students. They spoke very good English and were eager to talk. We discussed national parks, environmentalism, wilderness, etc. . . . they were fascinated with the whole idea of preservation. As usual, it was fun to experience the friendliness that the Chinese feel toward America."

Saudi Arabia's prototype park

By Gale Slemmer
Writer-Editor, DSC

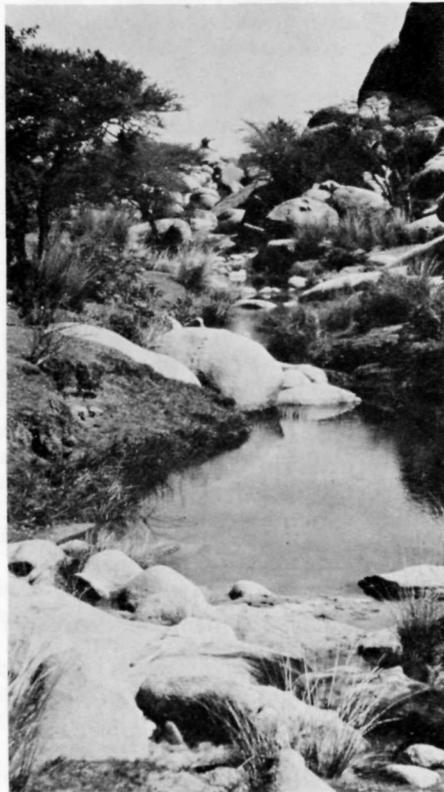
The official opening of Saudi Arabia's Asir National Park, which will take place this year, will culminate an intensive 5-year international effort to establish a prototype for conserving that country's natural and cultural landmarks. Much of the credit for this project goes to a handful of our National Park Service people.

The idea of the park was conceived by Prince Khaled Faisal, governor of the Asir Province, as part of his wide-ranging economic and social development programs. U.S. assistance in developing the park was provided under the auspices of the Saudi Arabian-United States Joint Commission on Economic Cooperation, an organization formed in 1974 to facilitate a mutually beneficial balance of trade between the two nations. For the U.S. it has meant a significant return of petrodollars to both public and private sectors.

Through the Commission, the U.S. Department of the Interior was asked to participate in the project, and the International Park Affairs Division, WASO, was given administrative responsibility. In May 1976 an NPS planning and design team was sent to the field. The members of the team at that time were Don Humphrey (team captain), Frank Collins, Bob Lopenske, Larry May, Glen Smart (from the Fish and Wildlife Service), Dick Steeves, and Paul Zenisek. They would be working with personnel in the Saudi Ministry of Agriculture and Water, the agency deemed most suitable to administer the new park.

The first few weeks of the Asir project required some quick adjustments in thinking. Compounding the problems of culture shock, the scope of the project was not clearly defined. The team went to Saudi Arabia thinking that much of the preliminary planning for the park had been completed. In reality, there were no plans; in fact, there was no management framework whatsoever for the new park. In Paul's words, "We discovered that the Saudis wanted us to build a park first, and then they would see about developing a park system."

The Saudi's attitude was understandable. After a decade of trying to purchase international technology to help the people of Saudi Arabia, their offices were filled with expensive reports and plans, but there were few tangible results. This time the Saudi's approach would be different. They would develop a

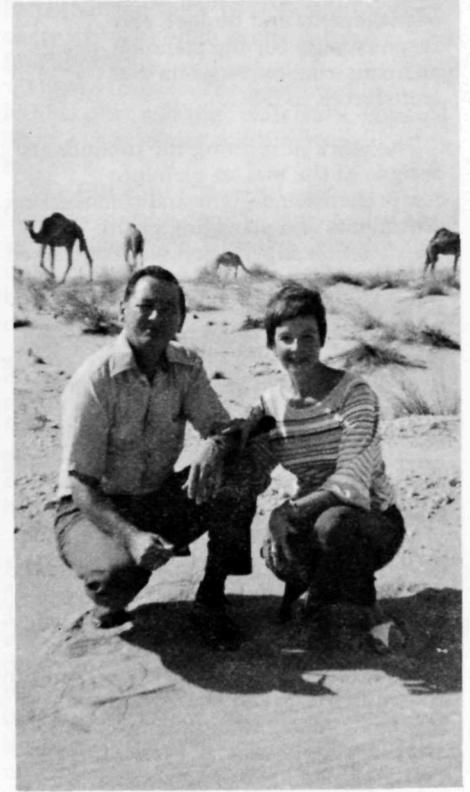


At high elevations (7,500'-9,400') rainfall is sufficient to form small pools of water and support juniper forests.

prototype park, and if it seemed to be successful, they would work out a management system and consider expanding the idea into other parts of the kingdom.

On their first trip to Saudi Arabia in 1976, the NPS team completed and published a master plan for Asir National Park. They studied the region and recommended a boundary that encompassed over 1½ million acres. The new park would extend from the western crest of the Arabian Shield, through the highest, most scenic, and most ecologically rich portions of the kingdom, down to the coral reefs of the Red Sea.

In response to the Saudi's desire for quick results, the master plan went beyond broad concepts for park management, visitor use, and development, and included preliminary designs for seven developed areas. These were a visitor center on the outskirts of Abha (the provincial capital), three camping and picnicking areas, a scenic overlook, a beach site on the Red Sea, and the park headquarters. In planning for recreational and educational facilities, the team's advisor was Aguil Khan, who was then provincial director of the Ministry of Agriculture and Water. Aguil, a



Dick and Shirley Holder, east of Riyadh, Saudi Arabia.

graduate of the University of Arizona, was invaluable in assuring that the planned facilities would be suited to Saudi lifestyles, which require a great deal of family privacy. The staff housing, also, was designed to provide for seclusion of the family whenever the man of the house was entertaining male guests.

Developed in just 6 weeks, the plan proved to be a perceptive and effective guide for accomplishing the government's goal of building something attractive for the Saudi people—the planned facilities would testify to the government's effectiveness and introduce the Saudis in a meaningful way to the idea of a national park. The plan was approved by the Saudis before the NPS team left the country.

In August 1976 the Saudis requested a contract specialist to write and administer a design services contract for implementing the master plan. The NPS "Saudi team" was realigned for this phase of the project to include Ray Lee (project manager), Bob Lopenske, Paul Zenisek, and Paul Kalkwarf. The original cooperative agreement was amended, and the Saudis provided a \$3.3 million

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budget for a 3-year program of detailed design work, construction drawings, and contract supervision. Additional ceiling positions were provided by the Office of Management and Budget, and responsibility for the planning, design, and construction program was transferred to DSC.

The work of refining the preliminary designs of the master plan into comprehensive designs and construction documents and providing onsite construction supervision was contracted to a private firm. Through the normal solicitation process, the National Park Service awarded an architectural/engineering contract to the joint-venture firm of Wirth-Berger Associates of Billings, Mont. The firm combined previous park design experience with international engineering experience and it had an associate architect's office already established in Saudi Arabia.

In late 1976 the Saudi and U.S. governments agreed that a resident NPS park management specialist was needed in the capital of Riyadh to work on a day-to-day basis with the Saudis. The International Park Affairs Division began recruitment for this position in the spring of 1977, and in June Dick Holder and his wife, Shirley, departed for a 2-year assignment in Saudi Arabia. Dick's assignment was to develop a staffing plan for Asir National Park, propose standards, procedures, and geographic locations for the eventual establishment of a kingdomwide park system, and act as an onsite liaison between the DSC project team and the Ministry of Agriculture and Water. Dick reported administratively to the Assistant Director, Park Operations in Washington, D.C.

Dick's job was difficult, for although the Saudis had accepted the idea of developing a prototype park in the Asir, they were reluctant to commit themselves to planning a kingdomwide park system—or even to selecting a management staff for the Asir park—until they could see the results of their first step. Before he left, however, Dick had identified recreational and historical parks that would create a broad-spectrum system for the Saudis, proposed various alternatives for staffing the Asir park, and gained approval for the establishment of an NPS park management specialist position to advise the Asir park staff.

The construction drawings were completed in May 1978 for Saudi approval. In March 1979 the Saudis awarded the construction contract to the Ret-Ser Engineering Agency, a Taiwanese firm that was already at work on a number of other large construction

projects in the country. Construction began in April under the supervision of the Wirth-Berger firm. The DSC project team administered its contract with Wirth-Berger and advised the Saudis in the administration of their contract with Ret-Ser.

Construction was delayed by a number of problems. After awarding the contract, the Saudis took it back for revisions, with the result that the Ret-Ser agency did not have a signed contract with the Saudis until August, 5 months after starting work. Meanwhile, the contractor had to borrow manpower and materials from its other Saudi Arabian jobs to begin work on the Asir project. At one point, because their visas had expired, two Wirth-Berger field supervisors had to leave the country. Land claims periodically stopped construction. Throughout the construction period, workmen had to contend with the local residents' indifference to the new park's existence. People continued to graze their flocks, drive at will anywhere their offroad vehicles would take them, and even camp in the shelter provided by partially constructed buildings.

This spring all but one of the proposed developed sites are nearly completed. The exception is the Red Sea site, which was excluded from the construction contract because of funding problems. The construction costs have been \$17 million (U.S. dollars), borne totally by the Saudi government. With its attractive visitor center, campgrounds, and picnic

areas, the park is becoming more meaningful to the Saudi people. A Saudi superintendent has been named—he is Salim al Sherbe, a man who is both knowledgeable of and committed to the idea of national parks in his country. Salim and his Saudi staff will be advised by a team of NPS park management specialists headed by Mo Khan, who was detailed out of the Washington Office in January 1980. Ivan Miller serves as the team's expert for resource management and will be joined by an additional NPS advisor for maintenance, Pete Fiore, in mid-April. In addition, Salim Sherbe will attend the 1981 International Seminar on National Parks and Equivalent Reserves.

The Asir project is being watched by both the Saudi and the U.S. governments. For the Saudis it represents an experiment in the conservation of their natural and cultural heritage. For the National Park Service it represents an unprecedented involvement in international park planning, design, construction, and management. To date the project has returned some \$12 million petrodollars to the U.S. economy.

The Saudis not only have their first park, they also have a blueprint for the future centered on the early establishment of a national recreational park at Al-Hassa in the heavily populated Eastern Province and a national historical park encompassing the huge stone-cut tombs near Al-Ula. The establishment of these parks will depend upon the success of the Asir project.

Stairstepped visitor center interprets the natural and cultural environments from the Red Sea to the top of the escarpment.



Guam's historical park

By James F. Miculka
Interpretive Specialist
War in the Pacific NHP, Guam

With the addition of War in the Pacific National Historical Park, Guam, the National Park System extends entirely across the Pacific Ocean. Authorized on August 17, 1978, the park was established "... to commemorate the bravery and sacrifice of those participating in the campaigns of the Pacific Theater of World War II and to conserve and interpret outstanding natural, scenic, and historic values and objects on the island of Guam. . . ."

Guam was one of many islands involved in the Pacific campaigns of World War II. It fell to the Japanese on Dec. 10, 1941, becoming one of the few areas of the United States to be completely occupied and held. For 2½ years, Guam remained in Japanese hands. By 1944 the Allied forces had moved closer to the Mariana Islands and by June they were in its waters. Preliminary bombardment of Guam began by the middle of June. On July 8, 1944 began the heaviest aerial and naval bombardment of the war. For 13 straight days 40 ships stood off-shore pounding the planned invasion beaches and fortifications. Included in these ships were six battleships, 32 destroyers, eight cruisers, three escort carriers and several hundred aircraft. On July 21 the invasion began with over 54,800 troops engaged in two assaults, the northern assault on Asan beach and the southern assault on Agat beach. By August 10 most of the organized resistance had been eliminated, with only small groups of Japanese surviving. U.S. forces suffered just over 7,000 casualties and the Japanese 17,250, with 1,250 prisoners.

Today a number of the historical features associated with the invasion remain. War in the Pacific National Historical Park consists of six separate units with a proposal for a seventh. All seven units lie on the west side of the island facing the Philippine Sea.

The **Asan Beach Unit** consists of 69 land acres and 445 water acres. This unit contains at least 10 pillboxes, gun emplacements, caves, a few foxholes and several miscellaneous foundations. Colorful coral reefs are in the unit and in addition to the abundant marine life several pieces of military equipment lie just offshore underwater.

It is here that the broad themes of the Pacific Theater will be interpreted. The primary focus will be at Asan Point



War in the Pacific NHP (WAPA) staff: Roque Borja, James Miculka, Diane Lupola, T. Stell Newman. Dec. '80, 88 F.

which will be a commemorative zone instead of a historic zone. A memorial will be erected, dedicated to Americans, Guam residents and Japanese who died during the battle for Guam.

Facilities for shoreline recreation will be developed in several selected points, mainly for local residents' use.

The primary visitor contact station will be located here along with trails leading to the historic remains, reefs and along the beach.

The **Asan Inland Unit** (550 acres) is the largest unit in the park, the most heavily vegetated, has the only perennial streams and encompasses the most rugged topography. It surrounds the village of Asan and is inland of the Asan Beach Unit. This unit contains the park's main concentration of endemic vegetation in

addition to caves, bridge, a few pillboxes, foxholes, miscellaneous foundations and a 75mm mountain gun. Historic remains lie under thick jungle growth on terrain little changed since 1944 except for the encroachment of an exotic shrub, tangantangan.

Hiking trails will be developed and located near streams, waterfalls, unusual plant communities and the historic features.

The **Piti Unit** (24 acres) contains three Japanese coastal defense guns which are in good condition. The remainder of this unit consists of a thickly vegetated hillside, including a historic grove of mahogany trees.

Mt. Chacaho/Mt. Tenjo Unit (44 acres) is one of the most remote areas in the park. The historic remains include foxholes, a pre-World War II American gun emplacement and minor associated sites and objects. Its main use will be for hiking to view points on the island.

The **Agat Unit** (37 land acres, 557 water acres) is predominately an offshore area. Historic features include more than 10 pillboxes, caves and bunkers, some in excellent condition. The beach and offshore area are relatively unspoiled and present a good picture of how the invasion beach looked in 1944. Several items of American equipment also lie underwater near the edge of the reef.

Here the primary interpretive theme will be the invasion of Guam. Historic remains will be stabilized. Remains offshore will be identified and when possible preserved or stabilized. Interpretive signs will be placed in

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War in the Pacific NHP, Guam.



various areas that relate to the invasion. Trails will provide access to many of the areas.

Nearly 30 sites are contained in the **Mt. Alifan Unit** (158 acres), the greatest concentration in the park. Historic remains include two pillboxes, 13 caves and tunnels, bomb and shell craters and numerous foxholes and gun emplacements.

Trails will allow access to the best examples of caves, gun emplacements, craters and foxholes with nearby interpretive exhibits.

The proposed **Fonte Plateau Unit** (20-25 acres) has a "U" shaped cave in which was located the last command post of General Takashina, Commander of the Japanese forces.

Plans are to provide recreational facilities for local Guam communities to the extent that they do not impair historic resources or interfere with interpretation. Additionally, the NPS would encourage use of the reef and inshore waters for food gathering.

Presently interim interpretive exhibits are being prepared for Asan Beach and Agat. At the same time planning for permanent facilities is being done. Congress mandated that interpretation of War in the Pacific National Historical Park be done in English, Japanese and Chamorro (Guamanian), and in English, Japanese, Chamorro and Carolinian at American Memorial Park. Thus, not only will interpretation be in these various languages, but will also reflect the perspectives of the Pacific War.

Many months of research, planning and development still lie ahead. Once completed, War in the Pacific National Historical Park and American Memorial Park will truly be our Nation's commemoration of the sacrifices and bravery of those who participated in the Pacific Theater of World War II.

Historic features of the War in the Pacific NHP include foxholes, pillboxes, miscellaneous emplacements —both Japanese and American defense sites and objects.



WAPA consists of six separate units, all on the west side of the island facing the Philippine Sea.



A glimpse of Booker T. Washington

By Candace Garry
Public Information Specialist, WASO

"My life had its beginning in the midst of the most miserable, desolate and discouraging surroundings . . . largely reared in the lowest depths of slavery, ignorance, and poverty. In my childhood, I had suffered for want of a place to sleep, for lack of food, clothing, and shelter."

From Booker T.'s autobiography
"Up From Slavery"

In the heart of west-central Virginia lies a modest plantation where Booker T. Washington, world-renowned black educator and leader, spent the first 9 years of his life in slavery. Born in 1856, 5 years before the Civil War began, Booker T. Washington rose to become one of the most famous black leaders in history.

Booker T. Washington National Monument commemorates the birth and life of this great American. Established in 1957, the monument encompasses over 220 acres of farmland, and many reconstructed plantation buildings. In the monument's visitor center, exhibits and an audio visual program interpret the career and accomplishments of Booker T. Washington. A tour of the plantation takes visitors through a 19th-century tobacco farm complete with kitchen cabin, gardens, smokehouse, farm animals and original tools. Employees are dressed in period costumes.

"The idea behind the creation of Booker T. Washington National Monument is to commemorate Washington's rise to prominence from slavery," says Superintendent Geraldine M. Bell. "The monument is unique in that it is the only Park Service site that deals with the topic of slavery in American history." Bell, who came to Booker T. Washington from Independence National Historical Park in November of 1979, adds that one of the important aspects of the plantation is that it acquaints visitors with the environment that shaped the character of this great man.

When he was freed from slavery in 1865, Booker T. went to work in a salt furnace and a coal mine and, in his spare time, fed his avid appetite for reading and learning. He taught himself the alphabet and he read anything he could get his hands on. He later became a houseboy for the wife of a New England-born mine owner and, at the age of 16, a student at Hampton Institute. Washington



The Booker T. Washington plantation in Virginia is restored as a "living historical farm" to reflect its appearance and operation during the years Washington lived here in slavery.

graduated from Hampton with honors in 3 years, and went on to become President of Tuskegee Institute in Alabama. By 1875, he became a national leader, advising Presidents William McKinley, Theodore Roosevelt, and William Howard Taft. Nineteen years before he died, Washington received an honorary degree from Harvard University.

Living history demonstrations and interpretive tours give visitors to Booker T. Washington's birthplace a vivid picture of what life on a small plantation was like. Though called a "plantation," this was actually more like an average small farm and had little resemblance to grandiose southern plantations. Life was harsh not only for the slaves, but even

sometimes for the slave owners who worked beside slaves to help raise tobacco and subsistence crops. Park Service employees in the monument, dressed in costumes of the period, cook in the kitchen cabins, spin cloth, make shoes, and demonstrate tobacco planting and harvesting. Usually a special activity takes place in April to celebrate Washington's birthday.

According to Superintendent Bell, visitors to this historic area also get a lesson in environmental education. A primitive campground (capacity 80 people and camping by reservation only) is nestled in nearby woods. Trail markers point out special environmental features of the area.



Anthem's golden anniversary marked

The 50th anniversary of the designation of "The Star-Spangled Banner" as the national anthem was marked in ceremonies held at Fort McHenry National Monument and Historic Shrine, Md., March 3.

The program featured Baltimore Mayor William Schaefer who read a proclamation making the day "National Anthem Day." Also on the program was Edith C. Jarvis, the great, great granddaughter of Francis Scott Key, author of the anthem; and relatives of Congressman J. Charles Linthicum, who was instrumental in having Congress pass the law making "The Star-Spangled Banner" the national song of this country. President Herbert Hoover signed this Act of Congress March 3, 1931.

A group of citizens from the nearby Senior Center read their winning essays on "What 'The Star-Spangled Banner' Means to Me."



Edith C. Jarvis, a great, great, granddaughter of Francis Scott Key, author of "The Star-Spangled Banner," autographs programs at the National Anthem's 50th Anniversary celebration at Fort McHenry on Mar. 3, 1981.

Also on hand was a choral group from P.S. #76 (Francis Scott Key Jr. High School) who marched from their school to the fort, and sang the national anthem.

The U.S. Postal Service set up a special

cancellation station at the park visitor center.

"The brief, but fitting, ceremony concluded with the cutting of the anniversary cake," said Paul Plamann chief of Interpretation at Fort McHenry.



Pueblo culture lives at Bandelier

By Sari H. Stein
Park Technician

Bandelier National Monument, N. Mex.

On summer weekends at Bandelier National Monument visitors both young and old are usually gathered about a booth on the patio of the visitor center. What is it they are so intently watching? It is a cultural demonstration by a Pueblo artisan who is illustrating the making of traditional Native crafts.

This Interpretive program has provided us with a link to the past in better understanding the Puebloan culture which flourished in this area some 700 to 800 years ago. Visitors have an opportunity to observe, question, and sometimes participate in making Pueblo pottery, basketry, drums and moccasins; or experiment with natural dyeing, weaving, and painting as presented by artisans. Each of the cultural demonstrations is unique as the Natives come from Pueblos whose traditions vary. In addition to the weekend programs, summer holidays are celebrated by traditional dances performed by Native Americans from nearby Pueblos.

Through such activities, a link to our cultural heritage—a part of our Nation's past—is interpreted to visitors to the monument.



Colorado National Monument goes solar

Colorado National Monument stands testimony to the forces of wind and weather, its steep canyons and stone monoliths carved through the ages by these forces. Now, another great force, the Sun, is being recognized at the monument—its power directed by the design of man rather than that of nature.

Through the efforts of the Park Service and the Grand Junction (Colo.) Public Energy Information Office, a 325-square-foot solar greenhouse began operations March 21 as part of the monument's combined visitor center and administration building.

It was designed to serve as a solarium, a "passive" structure for solar heat collection, but includes such greenhouse accessories as insulated shutters, a wood-burning stove and special ventilation to help heat the entire structure.

Colorado National Monument was selected 2 years ago to serve as an Energy Conservation Demonstration Park, one of six in the Nation.

It was granted limited funding to retrofit or otherwise enhance its efficient use of energy, with technological assistance from the Rocky Mountain Regional Office.

Buildings were inspected, energy leaks identified and caulking and insulating done.

In addition, heaters were tested, cleaned and tuned; some replaced with woodburners. Vehicles were made more efficient; some traded in for more energy-stingy transports—even mopeds.



Greenhouse interior, Colorado NM.

Youth groups demonstrate alternatives to chemical use

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

In a memorandum to Park Service field managers, Director Russ Dickenson has tightened approval procedures governing use of chemical pesticides and herbicides in Park System areas.

The Director has stipulated that "the decision to approve use of a chemical . . . (to control weeds and insects) . . . is to be based solely upon the determination that either (a) there is a clear and present danger to the health and safety of persons; and/or (b) there is danger of damage or destruction of significant property or resources and the control methods of no action, mechanical, cultural and/or biological control are non-existent, unavailable or

unacceptable. The unacceptability determination is *not* to be based upon considerations of financial or staff costs."

This action by the Director clarifies Service policy and leaves little doubt that future chemical use in the parks will diminish greatly. Some may feel that the decision to "err on the side of caution" will bring about radical operational changes and increase costs. But some parks already have tried alternatives which may mitigate the effects of reduced chemical use.

At C&O Canal National Historical Park, Md.-D.C.-W.Va., alternatives have been found, and it is fitting that they are being carried out by individuals who, hopefully, through their own efforts will inherit a cleaner environment. These are the young people of the Youth Conservation Corps and the Young

Adult Conservation Corps.

Although power companies, soil conservation agencies and local communities urged the park to use chemicals to keep rights-of-way open, promote crop production and control mosquitoes, management turned to these youth conservation groups for help in effecting preferable methods.

The first such project was removal of Johnsongrass, a plant labeled a noxious weed by the State of Maryland. State agricultural specialists concerned about the plant's presence on park lands were suggesting chemicals which they felt would eliminate the weed. Alternatives had to be found. With YCC aid, they were.

A number of farmers hold permits to farm on lands of the historical park. A

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10-member team began digging the Johnsongrass by hand where it was choking their crops. At first, the group, working in 90-degree-plus heat, asked: "Why not just spray?" But, after explanations from the Park Resource Management staff that the manual approach was less detrimental to the natural resources, the groups enthusiastically (well almost) began the arduous task. By summer's end, most of the weeds had been removed.

Farmers faced with multi-flora rose in pasture land requested permission to use Tordon, a particularly toxic herbicide, on this weed. Again, YCC crews, in record breaking temperatures, began removing the multi-flora rose by hand. The process was tedious and lengthy, but was safer and more sound environmentally than using a toxic chemical.

To many members of communities living adjacent to the Chesapeake and Ohio Canal, the "magnificent ditch" represents something other than a great historical structure. As the picnic season begins and the mosquitoes start to

emerge in droves, neighbors along the Canal see it only as the prime breeding grounds for the insect that can drive them back into their homes. In the past, malathion was sprayed where the mosquitoes persisted. Again, management turned to the more tedious but safer pre-chemical era.

Two members of the Canal's YACC began studying an approach that would eliminate the need to apply insecticides. Under a grant from the EPA, the Ecological Services Laboratory of the National Capital Region and Integrated Pest Management (IPM) specialists from the John Muir Institute for Environmental Studies began training the two YACC members in mosquito control. First, surveys were taken to determine the extent to which canal waters were producing mosquitoes. Initial results indicated that in some instances natural predators were controlling the mosquito population and the use of chemicals was not necessary. Where mosquito larvae were found, dewatering some low lying areas often

eliminated the problem. One badly infested area was treated with *Bacillus thuringiensis* var. *Israelensis* (BTI), a recently discovered bacteria that attacks only the larvae of mosquitoes and blackflies. Used on an experimental basis, BTI proved 100 percent effective.

Throughout the summer, YACC members Leigh Cain and Steve Chmielewski continued to monitor areas suspected of being mosquito-breeding sites. In areas of high mosquito population, they used methods called for in the park's IPM program. By the end of summer, Steve and Leigh had eliminated the need for use of chemical control of the insects in park lands. So effective was the work of these two young people that others from neighboring YCC camps began to accompany them on their monitoring and control work as part of YCC's environmental education activity.

Many who worked with the IPM program saw as its most important aspect the transmission of these sound environmental principles.



Joe Scott, Washington County, Md., Johnsongrass control supervisor demonstrates detrimental effects of the weed in field crops.



YACC member Leigh Cain conducts water quality testing at C&O Canal NHP, Md., D.C., W. Va.

Rangers assist in flood disaster

Ten Park Service rangers became police deputies for a day in mid-February when the ice-swollen Delaware River broke up and sent huge chunks of ice barreling downstream.

Heavy rain and an unexpected thaw caused the 3 to 4-foot thick ice on the river to break up and severe flooding of low-lying areas ensued.

When the river crested at 15 feet above flood stage, an ice dam broke up and the waters began to recede, leaving one dead, many injured and millions of dollars in property damage.

"Cars had been crushed, trees

uprooted, houses knocked off their foundations, and porches and garages blasted apart by the giant ice battering rams," according to Jon B. Montgomery of the recreation area.

With emergency, police and fire services strained to the breaking point, the mayors of the communities of Matamoras and Westfall Township, Pa., called on Delaware Water Gap National Recreation Area Superintendent Amos Hawkins to send assistance.

Taking to the streets in the evening, the rangers, most of whom had worked full shifts at the recreation area, manned

roadblocks and patrolled throughout the night, enforcing the curfew and preventing looting. They continued on duty the following night, after an influx of sightseers had jammed the area and some vacant homes had been broken into.

"There were a lot of tired looking faces in the ranger division (after it was all over), but there was also a sense of satisfaction in having been able to assist the disaster victims through the crisis and in hearing local officials express their gratitude for a job well done," said Superintendent Hawkins.

\$100,000 for FALLS OF CLYDE

Officials of the Bishop Museum and NPS met recently in Honolulu to decide how best to use the \$100,000 appropriated by Congress to aid the historic ship FALLS OF CLYDE, moored on the Honolulu waterfront.

It was agreed that approximately two-thirds of the funds would be spent for operation of the vessel, including salaries of maintenancemen and watchmen. The rest will go for repairs to the ship's deteriorated wooden deck.

Additional restoration funds for the historic ship will be available from the National Trust for Historic Preservation, conditioned on the securing of non-Federal matching funds by the Museum.

The FALLS OF CLYDE was purchased by the people of Hawaii in 1963 through a community fund drive. In 1968, the Bishop Museum assumed ownership and responsibility for the ship. The unique 266-foot, four-masted iron ship was built in Port Glasgow, Scotland, in 1878, and was one of the first vessels of the Matson Lines fleet serving Hawaii at the turn of the century.



R&R Uniforms, Inc. new contractor

By Linda B. Balatti
NPS Uniform Coordinator, WASO

The award of the NPS uniform contract in March 1981 to R&R Uniforms, Inc., culminated a long time effort of the NPS to improve the quality and the distribution process of the uniform system and terminates our relationship with Fashion World.

R&R Uniforms is a small business located in Nashville, Tenn., with a division in Louisville, Ky. Robert W. Gates, president of R&R, founded the firm in 1972 and has been working in the uniform industry for approximately 13 years. As a distributor and manager of uniform programs, R&R has had 9 years of dealing with major manufacturing companies in the uniform industry.

Recently, R&R has been involved in the design of new uniforms and the development of a new distribution operation for the Tennessee Valley Authority. Other major customers include postal service employees, Union Carbide Corp., and a multitude of police department and security agencies.

Gates and his staff are working out details for the summer season transition



Principals at the awarding of the new contract for National Park Service Uniforms. (From left) Bob Gates, R&R Uniforms, Inc., Linda Balatti, Park Operations, WASO, and Director Russ Dickenson.

and are enthusiastic about working with the NPS. They have assured us of meeting our requirements for high quality uniforms and have demonstrated their ability in the samples provided in the bidding process.

Distribution center for NPS will be Nashville. R&R's current automated

inventory system will easily accommodate NPS requirements and provide timely service for individual uniform requirements. R&R won the contract based on the best technical approach combined with offering the lowest competitive pricing for employees.

Training Center course promotes access

By Diane L. Sedore
Editorial Assistant, COURIER

A dynamic group of 30 Park Service people representing the 10 NPS regions assembled early March 23 for the opening day of the week-long Interpretation for Special Populations training session, at Stephen T. Mather Training Center, W. Va.

Participants, all with varying backgrounds in park interpretation, spent the week debating innovations for special populations, such as preparing historical objects for touching, the pros and cons of captioning and oral vs. sign language.

The training coordinators, Dave Park, chief of the Division of Special Programs and Populations and Wendy Ross, Division staffer, emphasized these issues and their relationship to the session's goal—interpretive program accessibility. Participants discussed ways in which the information—the experience available to the able-bodied person visiting a park—could be made available to the disabled person. In addition, programs which can and should reasonably accommodate the disabled population, were considered.

Larry Molloy, director of the National Access Center, stressed the point that decisions regarding the format and content of park interpretive programs, should be made in conjunction *with*, not *for* the disabled community so as to meet its various needs. Through the use of existing community outreach programs, the programs to which access is desired, can be identified and once redefined, promoted.

Basically, these goals represent the intent of Section 504 of the Rehabilitation Act of 1973. Simply stated, said Training Coordinator Ross, "It does not mean setting aside areas of programs for exclusive use, but rather striving to make it possible for the disabled visitor to enjoy on an equal basis resources and opportunities in parks with others."

In the morning, resource speakers gave presentations on museum education, curatorial techniques, materials development, the latest technologies, sign language interpretation, the use of the visual and performing arts, and telecommunication and audiovisual captioning processes.

In the afternoon work sessions, participants brainstormed ideas, surfaced issues and problems, and made recommendations for improved program



Dave Park (on left) chief of the Division of Special Programs and Populations and Deputy Director Ira Hutchison.



Participants at the Interpretation for Special Populations training session, at Stephen T. Mather Training Center, W. Va.

accessibility Servicewide.

The work sessions covered four subject areas: deafness/hearing impairments; blindness/visual impairments; mobility impairments, and developmentally disabled. These sessions were structured to cover the six interpretive areas offered by the Park Service: general programs such as those activities which "bring to life" a historical event or life style; personal guided or conducted programs such as walks or tours conducted over a consistent indoor or outdoor route; non-personal services such as planning, preparation, distribution and maintenance of publications, self-guiding facilities and exhibits; visitor orientation; formal education programs and outreach.

The Division of Special Programs and Populations developed the content and structure of this course in cooperation with the Division of Interpretation and Visitor Services, WASO, and in coordination with Mather Training Center.

"The training," said Park, "is a departure from the usual because many of the participants were already planning or supervising accessible programs. They have been invited because of their influence on decision-making within their region or their individual expertise so that they might share and enhance what each is doing."

The resource people, both from within

and outside the Service, were: Deputy Director Ira Hutchison, who made the opening address; Larry Molloy, director of the National Access Center; George Covington, photographer and author of the Department of the Interior's 504 regulations, with the Office of Equal Opportunity; Steve Handschu, self-employed artist and fine arts coordinator for the National Federation of the Blind; Jan Majewski, coordinator for special education, Office of Elementary and Secondary Education, Smithsonian Institution; Dr. Malcolm Norwood, chief, Captioned Films and Telecommunications Branch, Office of Special Education, Department of Education; Elizabeth House, director of Advocacy, National Theatre of the Deaf, Conn.; Charles Steiner, assistant museum educator/project director, The Metropolitan Museum of Art, N.Y.; Harold O'Flaherty, executive director, Federal Interagency Council on International Year of Disabled Persons; and the moderators, Ray Bloomer, Dennis Almsy, Steve Stone and Mike Strock—all with NPS. On the final day, representatives of the Harpers Ferry Interpretive Design Center met with the group to share their projects and activities.

participants return to their regions they will have a reference and a guide for interpretive decisions in hand.

The other outcome was the opportunity for participant input into the development of interpretive guidelines and policies for the parks. "The National Park Service is committed to being on the cutting edge of any new program and we are now in the position to be the Nation's leader," said the Division chief. "What we do can lay the foundation for considerable commitment by the States and other agencies of the Federal Government. The interpretive guidelines and policies developed from material gathered here may be used as models by other agencies who are working to develop their own."

The course, a regular at Mather Training Center, illustrates the Park Service's commitment to special populations because, stated Park, "the recent amendment to the Land and Water Conservation Fund Act creating the Golden Access Passport in addition to Section 504 will promote increased visitation to the parks by disabled individuals and we must prepare to meet their visitor needs."

A parking lot quietly dies

"Pave paradise, put up a parking lot," as the song goes is all too common in this age of urban sprawl and blight. But, at Cabrillo National Monument, Calif., members of the Young Adult Conservation Corps have accomplished the reverse. They returned an old, abandoned parking lot near Old Point Loma Lighthouse to its original natural beauty.

Abandoned 9 years ago, the parking lot has been replaced with contoured topsoil and planted with native vegetation, recreating the original landscape that once surrounded San Diego's 125-year-old lighthouse.

Superintendent Doris Omundson challenged her staff to complete the project as part of on-going operations. Using borrowed equipment from Fort Rosencrans National Cemetery, the YACC broke up the asphalt into small movable-sized pieces, loaded them onto trucks and re-located them at other sites for erosion control.

After removing the asphalt, surplus soil from the San Diego Wastewater Treatment Plant was brought in and planting begun. At the same time YACC members continued to work on their many other projects in the national monument.

Merit promotion: How do you rate?

By Nancy C. Garrett
Associate Director, Administration

Our merit promotion program operates under a vacancy announcement system which requires that employees submit applications in order to be considered for vacancies of interest to them. Since selections must be made from among the best qualified, it is important that employees understand what kind of information they should provide to receive full credit for their qualifications in the rating process. Ratings must be based solely on job-related criteria.

Job-related criteria include: (1) the general qualification requirements for the job title, series, and grade which are described in the qualification standard issued by the Office of Personnel Management and (2) the knowledges, skills, and abilities (KSA's) required to perform the specific position in a satisfactory manner. KSA's are established through an analysis of the position by an expert in the occupation in cooperation with a staffing specialist. Both (1) and (2) above are stated in all Park Service vacancy announcements and should be addressed in the applications of persons who respond to them.

Applicants who meet the general qualification requirements are rated and ranked according to the levels at which they have demonstrated possession of the KSA's (as evidenced by the information on the SF-171 and supplemental material submitted). Candidates ranking highest on the KSA rating are identified as best qualified and certified to be considered for selection.

It is extremely important that employees give particular attention to addressing the specific KSA's for every position for which they apply. Not all jobs classified in the same job series require identical KSA's. Therefore, if an employee plans to use copies of the same SF-171 to apply for several vacancies, he/she may attach statements regarding how, where, and when he/she acquired

the required KSA's. This narrative material should be as brief and concise as possible and should address the KSA's in the same order as they are listed on the vacancy announcement with reference to specific employment periods or other items on the SF-171 when appropriate. Failure to provide this information may result in receiving a lower rating in the evaluation process.

Illustration: One of the KSA's for a Supervisory Park Ranger, GS-5/7/9, position is *Ability to plan and present interpretive programs*. An applicant's supplementary statement regarding this KSA might be as follows:

"In my present position (SF-171, Item 20, Block 1) I am responsible for all planning and interpretive content of the park's environmental education program. I select the topics to be presented and the techniques and methods to be used for each program and audience. Audiences include people of different ages, social levels, ethnic groups, and educational backgrounds. The New Mexico State Board of Education nominated our program as one of the top four outstanding environmental education programs in the State for 1978-79."

"In my previous position (see SF-171, Item 20, Block 2), I developed and presented interpretive talks to visitors. Presentations included scheduled talks on geology, archeology, mammalogy and Indian history of the area. I also designed and presented slide programs for on-site and off-site audiences, which included school classes, teacher workshops and civic organizations.

"My college courses included training in interpretive program design, interpretive publications, interpretive talks, living history, exhibit design, photographic programs, audio-visual techniques and research methods."

The Branch of Employee Evaluation and Staffing currently is exploring the possibility of standardizing the KSA's needed for superintendent positions and expanding the computerized skills inventory plans to provide for promotion certificates for these positions.



INDEPENDENCE NHP—The park marked the Bicentennial of the ratification of the Articles of Confederation March 1 with day-long activities. Events included a commemoration at Independence Hall, a cold collation at City Tavern, a special cachet and pictorial cancellation, a reprinted newspaper account of the celebration 200 years ago and a copy of the Articles of Confederation on display at the Second Bank of the United States. In the midst of revolution against an abusive King, the 13 diverse States had agreed to a new form of central government.



(From left) University of Pennsylvania President Sheldon Hackney, Independence National Historical Park Superintendent Hobart G. Cawood, noted actor Emyln Williams and U.S. Senator Arlen Specter.

GRAND TETON NP, WYO.—After years of controversy, regular jet service into Jackson Hole will begin June 1. Frontier Airlines will begin flying its 737 aircraft into Jackson Hole Airport for 2 years while a study of alternate airport sites is made. An agreement between the Environmental Protection Agency and the Interior Department calls for, among other things, no traffic between 9:30 p.m. and 6 a.m., assistance in construction of a control tower and the use of the quietest jets possible.

BALTIMORE-WASHINGTON PARKWAY, MD.—A U.S. Park Policeman assisted a young woman in giving birth to a 5-pound, 12-ounce baby boy Feb. 15 in the back seat of an Oldsmobile. A healthy Abraham Dickey III, named after his father, was born 17 minutes after his parents and grandparents flagged down Officer Kelso David Wallace on the parkway. "I've been through a lot in this life," said Wallace. "But I wouldn't trade this experience for anything in the world." This was the park policeman turned midwife's first delivery in a 10-year career.

YELLOWSTONE NP—A massive beetle infestation has damaged and killed trees in 821,000 acres of the park. During the last year, mountain pine beetles have destroyed 935,000 acres of timber in the northern Rockies in 10 national forests and two national parks, including Glacier National Park. The beetles bore into large trees—where they can't be attacked by insecticides—and lay eggs. The larvae dine on the inner bark, often killing the trees. In addition, the mild winter in the West means that more beetles will survive to destroy trees next year.

HAINES POINT, D.C.—The Lightship Chesapeake, which has served as a floating environmental center since 1972, has been moved to Baltimore, due to budget cuts by the Park Service. The lightship will be moored in the inner harbor alongside the U.S. Frigate Constellation, A World War II submarine, a restored Chesapeake Bay skipjack and the clipper, *Pride of Baltimore*.

TUSKEGEE NHS, ALA.—"The Oaks," the house in which Booker T. Washington dreamed the dreams that nurtured and built this institution, opened to the public March 29. At the same time, the George Washington Carver Museum and "Grey Columns," home of the Varner family, which helped Washington build the Tuskegee campus, were added to the site's visitor attractions. Washington lived in the Oaks for 30 years until his death in 1915. The Carver Museum includes a replica of the laboratory in which he did his famous work on the peanut.

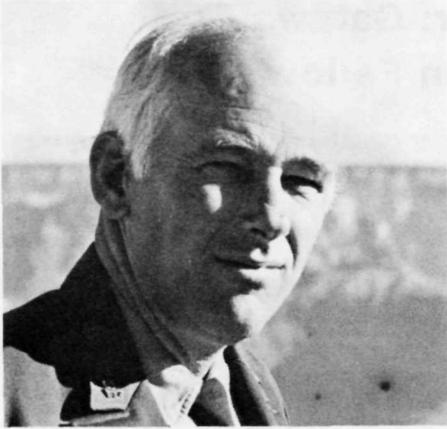
BIG BEND NP, TEX.—Sightings of wild mountain lions have been on the increase lately. Recent confirmed contacts include a mother lion, reportedly more than 6 feet long, seen with her two cubs in the Chiso Basin, another cat spotted and photographed by a visitor on the Rio Grande Village in the eastern portion of the park, and two other lions of light color seen by backpackers north of Panther Junction. Rangers theorize that the lion sighting increase is related to the drastic reduction in the number of visitors to the park—down 40 percent last year.

CLARA BARTON NHS, MD.—Chair caning and its techniques were the subjects of a special afternoon program here recently. It was conducted by Kathy Morrison, a teacher, who encouraged participants to bring their own projects for on-the-spot assistance and suggestions.

JEFFERSON NEM NHS, MO.—A photographic exhibit entitled, "Wonder Places," went on display March 2-April 10 in the Special Exhibit Gallery of the Museum of Westward Expansion. The exhibit contained 38 photographs, taken during the late 19th-century geographical and geological survey expeditions. Photos were taken by men who went on the "Great Surveys." They include Timothy H. O'Sullivan, J. K. Hillers and William Henry Jackson. All of the photographed areas are today units of the National Park System.

COLONIAL NHP, VA.—For the 50th anniversary of the park, interpreters worked overtime to put together two photo exhibits and a slide program to show people "how it was." The photos depict the park's development since the cornerstone of the Victory Monument was laid in 1881. Some 250 visitors attended an open house in Jamestown Jan. 10 and more than 400 visitors came to Yorktown Jan. 11. The York High School Band and Tactical Air Command Band from nearby Langley Air Force Base performed, and so did a balladeer from Colonial Williamsburg. Former NPS Historian Charles E. Hatch, Jr., autographed copies of his book, *Colonial Yorktown's Main Street*.

Dick Marks brings optimism, accomplishments to Grand Canyon



By Manny Strumpf
Public Affairs Officer
Gateway NRA, N.Y.-N.J.

Can a city kid from Yonkers, N.Y., find happiness in the National Park Service?

Most certainly, says Dick Marks, now superintendent of Grand Canyon National Park. Marks is a 19-year Park Service veteran with education, lifelong interest and experience, and most importantly, a positive attitude about the Service.

While growing up in Yonkers, and later in Bergen County, N.J., Marks avidly read *New York State Conservationist Magazine*. He was especially interested in the articles about park and forest rangers. It was only natural, therefore, that upon graduation from high school, he would study forestry.

After earning forestry degrees from Paul Smith's College in upstate New York and from the University of Michigan at Ann Arbor, he joined the Forest Service in 1957 and worked in the Jefferson National Forest in southwest Virginia.

In 1961, he joined the Park Service as a park ranger at Blue Ridge Parkway, Va. This was a different educational experience, because many acres of farmland adjoined the parkway, and Marks was responsible for the issuance of 114 agricultural special use permits covering a 50-mile area.

In 1966, he was named park forester at Yosemite National Park, where during the next 3 years he was assistant chief ranger and park ranger. He returned east in 1971 to the Division of Law Enforcement in the Washington office. He later became chief of the Division of

Ranger Services and assistant director of Visitor Services.

In 1975, he moved north as superintendent of Fire Island National Seashore, N.Y., which, despite its relatively small size compared to Yosemite, posed a great challenge and gave him a chance to practice the types of management and administrative skills in an urban setting that he had heard about over the years.

At Fire Island, Marks found a somewhat hostile and critical public, impatient with what they felt was a lack of progress. However, with hard work, determination and his own positive attitude, he was able to get a General Management Plan completed and to gain respect for the park and its personnel, while developing public rapport.

"We were able to put interpretation into proper perspective, to define environmental assessments, to gain public support and involvement and to get work started on Fire Island's 10-year development plan," he says.

Marks is proud of his Fire Island staff which gained recognition within the region for its competence. It took firmness and competence to fight some of the pressure groups, but several court cases involving land acquisition were determined in favor of the Park Service.

Marks sees his present assignment as superintendent of Grand Canyon as different in many ways from Fire Island. Yet, he finds a number of similarities. For instance, many of the management and administrative skills gained in the urban environment of New York will help him with programs involving public involvement in Arizona.

"The northeastern corridor will test anyone's mettle. If you can succeed in the aggressive, impatient, but exciting northeast, you've prepared yourself for any career assignment," Marks claims. His relatively short stint as acting regional director for the North Atlantic Region in Boston also broadened his perspective, he says.

Marks' positive attitude about his assignments is indicative of his feelings about the Park Service, which he has described as the greatest agency in our Government, with highly talented people. "It's amazing to see what we can do with our talents, and the dedication that carries Park Service personnel beyond their job.

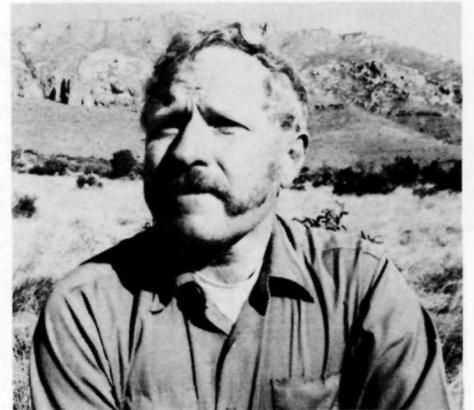
"I read with some dismay that a few of our Park Service employees have low moral. I haven't found that to be true with the employees I've worked with and met over the last several years.

"I find Park Service people are highly educated and highly motivated—as they always have been. They are performing to the high standards expected of them."

He's excited about his latest career building block at "the zenith of our national parks." The Marks family, which includes wife "Haz," two children at Northern Arizona State University and two children in high school, have also adapted to the "Western" environment.

Dick acknowledges that the worldwide appeal of our national parks is because of our magnificent monuments to nature such as Grand Canyon. But, he insists "It's also the Park Service people who set our agency apart from all others."

Jack Dollan'd rather go than get there



By John W. Bright
Assistant Manager,
Southeast/Southwest, DSC

Jack M. Dollan, pre-eminent trail builder, once wrote, "It is said that in any outdoor venture, 'the joy is in the going, not the getting there.' As a trail planner, my objective is to maximize the joy of the visitor's trail travel rather than lead him or her along a monotonous path toward an anti-climatic destination." This statement pervades not only Jack's trail development philosophy but his personality as well, a concern more for others than himself.

My first contact with Jack came in 1977 when the Southwest Region asked the Denver Service Center to plan and develop a \$2 million trail system for Guadalupe Mountains National Park, Tex. Because the DSC, indeed the whole Park Service, was deficient in such expertise, contacts were made with the U.S. Forest Service and they turned up Jack's name.

At that time he was in an obscure post—wilderness forester for Bob Marshall Wilderness Area on the Flathead National Forest, Mont. On that million-acre roadless area, he supervised

Continued next page.

the activities of 55 outfitters, constructed and maintained 1,200 miles of trails and managed visitor use of the backcountry.

From this idyllic situation Jack accepted in sharp contrast, a 6-month detail to assist the NPS at Guadalupe Mountains. His work proved so thorough, professional and responsive that he soon found a permanent home with the Park Service, and since has shared his trails knowledge at Buffalo National River, Ark., Chickasaw National Recreation Area, Okla., and Natchez Trace Parkway, Miss.-Tenn.-Ala.

Dollan started his natural resource management career while still at the University of Montana Forestry School, working summers at Clearwater National Forest. After graduation and a tour with Montana's Department of Natural Resources, he returned to the Forest Service, working on the Lolo and Beaverhead National Forests; managing such diverse activities as timber sales, road construction, recreation planning, grazing and wildlife. Later Jack was introduced to wilderness and scenic river planning, where he gained considerable skills in public involvement.

Jack rates his present job "90 percent arduous hiking during the planning stages." To see him saddle a horse, or scramble up the rugged Guadalupes, or handle the numerous tools of his trade with dexterity, you find it difficult to recognize his handicap. But when you extend your right hand to shake, you get his left, for Jack was born without his right one.

Working closely in a true partnership with his trails colleague Bob Steinholtz, Jack developed a trail system plan for Guadalupe Mountains and then located and designed 60 miles of trails in this most rugged and hostile environment. They developed a unique system for planning and specifying trails construction by contracts—the first such in the National Park System to my knowledge.

Now they are supervising the last of six construction contracts, and the minimum number of change orders and claims are evidence of Jack's superb leadership in his specialty.

A few months ago, I gained a real appreciation for these two professionals. I had difficulty climbing Guadalupe Peak with the trail these two had located and built. These guys have done it—several times—without the faintest semblance of even a track!

Stephanie Dyer: Gateway's urbane Urban Fellow

By Lucia Santora
Public Information Office
Gateway NRA, N.Y.-N.J.

Stephanie Dyer, one of only 23 Urban Fellows chosen from 800 applicants nationwide, joined the Gateway staff last September as special assistant to Superintendent Herb Cables.

"Steph," as she is affectionately called, will stay here until June under a fellowship from the National Urban Fellows, Inc., which is a management-development training program designed to provide professionals with internship experience working with urban administrators and training for a second Master's degree, this one in urban administration.

The first part of the Detroit native's 14-month Urban Fellow program began with 6 weeks of study at Bucknell University, from which she will eventually receive her degree. She came to Gateway last year for a 9-month internship after which she will return to college to complete her thesis and finish degree coursework.

While at Gateway, she is involved in land-use issues and is assisting the superintendent with a variety of other concerns and issues.

The Urban Fellow apparently is well-qualified, both with experience and academically, as she holds a Master's degree in community organization and planning from Columbia University and a Bachelor's degree in social services from Syracuse University.

Her graduate experience at Columbia included internship assignments with the International Ladies Garment Worker's Union and another stint developing a legal service project for low-income populations in New York City.



Urban Fellows like Stephanie participate in a wide range of assignments such as assistants to mayors and foundation presidents. However, Stephanie considers herself fortunate to work with Superintendent Cables, who she describes as a "dynamic administrator."

"In this society, urban parks become necessary to preserve some of what rural life is all about.

"It's becoming increasingly important for planning to respond to the cultural and ethnic interests of the populace as Gateway is presently doing," she adds.

Prior to her selection by the Urban Fellows program, she was employed as a case manager with the New York State Division for Youth and had worked as a social worker with various private agencies in upstate New York.

Transfers

Kuehn to high post in PNWR



Daniel R. Kuehn, a 17-year NPS veteran, has been named associate regional director, Management and Operations, for the Pacific Northwest Region.

His new responsibilities include operations, resource protection, interpretation, visitor protection safety and concessions management for the three State region.

For the past 2 years, Kuehn has been serving as regional chief of Planning and Compliance, coming to that job from 5 years as superintendent of Mount McKinley National Park, now Denali National Preserve, Alaska.

Kuehn began his NPS career as a historian at Salem Maritime National Historic Site, Mass., in 1964, later serving as historian at Manassas National Battlefield Park, Va., and Chickamauga-Chattanooga National Military Park, Tenn.-Ga.

In 1969, he went to Sitka National Historical Park, Alaska, as historian, became superintendent in 1970, and moved on to Mount McKinley in 1973.

Kuehn holds Bachelor's and Master's degrees in history from the University of Minnesota. He served in the U.S. Air Force and in the Minnesota Air National Guard during the Korean War.

Kuehn and his wife, Kate, live in Renton, Wash., with their son, Adam. Two other children, Jason and Kelsy, are students at the University of Alaska.

Montgomery now super

Jon B. Montgomery has been picked to be the new superintendent of Appomattox Court House National Historical Park, Va.

He succeeds Luis E. Garcia-Curbelo, who moves on to the superintendency at San Juan National Historic Site, P.R.

Montgomery comes to Appomattox from Delaware Water Gap National Recreation Area, Pa.-N.J., where he served as management assistant for 7 years.

Montgomery has earned special achievement awards at Delaware Water Gap and in a previous assignment as unit manager at Federal Hall National Memorial and Castle Clinton National Monument, N.Y.

He joined the Park Service in 1963 as a seasonal ranger at Fort Union National Monument, N. Mex. Then he served in the interpretive staff at Chickamauga and Chattanooga National Military Park, Ga.-Tenn., and at Fort Bowie National Historic Site, Ariz.

From 1968 to 1970, he was park historian at Pipestone National Monument, Minn., and from 1970-72 park historian at Great Smoky Mountains National Park, N.C.-Tenn.



A native of Fort Wayne, Ind., he was graduated from Highlands University (New Mexico) with a degree in history.

He and his wife, Barbara, have two sons, Matthew and Roger.

Arnold named super at Fort Larned



John (Jack) Arnold, a career historian with NPS, has been named superintendent of Fort Larned National Historic Site, Kan.

He succeeds James D. Taylor who recently transferred to Grant-Kohrs Ranch National Historic Site, Mont.

Arnold previously served as chief of Interpretation at Gettysburg National Military Park, Pa.

He joined the Park Service 16 years ago as a seasonal at Roosevelt-Vanderbilt National Historic Sites, N.Y. He received a permanent position in 1966 as historian at Sagamore Hill National Historic Site, N.Y. Other assignments have taken him to National Capital Region and Colonial National Historical Park, Va.

A native of Grand Forks, N. Dak., Arnold received his Bachelor's degree in social science from the University of North Dakota in 1959.

A licensed pilot and conscientious jogger, Arnold is a widower.

"Tuck" named chief of Maintenance



Gene C. "Tuck" Baldock has been named chief of the Maintenance Division at Capital Reef National Park, Utah.

A native of Virginia, Tuck moved with his family to Wyoming in 1968 to "get away from the crowds." After a season with Grand Teton Lodge Company, Tuck began working for the national park as a seasonal maintenance worker. Later, he landed a permanent electrician's job and worked his way up to Buildings and Utilities Maintenance and Operations Foreman for the South District, a position he has held since 1976.

Tuck has garnered several awards during his career, but the highlight of it all occurred in 1975 when he received the First Place Award of Excellence under the Park Practice Award Program for contributions to the field of maintenance. Tuck was flown to Washington, D.C., to accept his award from the Director.

Tuck and his wife, Florence "Shorty," moved to Utah in March. Three of their four sons live in Jackson, Wyo., while the other resides in Salt Lake City.

Miller to Saudi Arabia



Ivan D. Miller has been selected as the advisor on resources management at Asir National Park in Saudi Arabia. This is a 2-year assignment in the country's first national park, where he will assist the Saudi Government's Ministry of Agriculture and Water in developing resource management programs.

The million-acre park in the southwest portion of the country encompasses seacoast, desert and mountains to 10,000 feet, with a year-around mild climate. Baboons, wolves, hyenas and many birds of prey are plentiful in the region, and there are smaller numbers of Arabian leopard, gazelle and ibex. Preservation of cultural resources in addition to the unique flora and fauna is a major concern.

Miller, former superintendent of Grand Portage National Monument, Minn., began his new assignment in January. He is a graduate of the University of Minnesota with a B.S. and M.S. in Forest Resource Management, and worked as a seasonal park ranger at Glacier National Park. He began full time with NPS as a park ranger at Yosemite National Park. Subsequent assignments have been in Mount McKinley, on the Alaska Task Force and in Washington D.C. He is married and has two sons.

Binnewies new super at Bighorn Canyon



National Recreation Area, Mont.

He leaves his post as superintendent of the Morristown-Edison Group, N.J., where he spent the past 5 years.

Binnewies succeeds Homer L. Rouse who transferred to the Mid-Atlantic Regional Office.

His Park Service roots go deep. His brother is superintendent of Yosemite National Park. His father, Fred, spent 36 years in the Service, retiring as associate director for Operations, National Capital Region.

The younger Binnewies is a native of Chicago and a 1959 graduate of San Jose State College with a Bachelor's degree in biology.

He spent 8 years as a seasonal in several western park areas before gaining a permanent position as a ranger at Rocky Mountain National Park in 1962. In successive assignments, he was management assistant at Cedar Breaks National Monument, Utah; superintendent of Tuzigoot National Monument, Ariz.; superintendent of Canyon de Chelly National Monument, Ariz., and then with the Departmental Management Development Program in Washington, D.C.

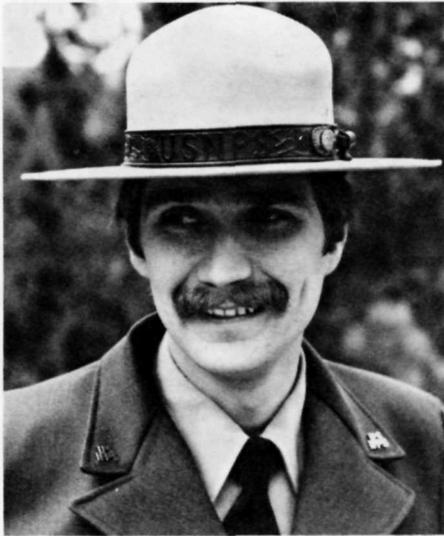
He and his wife, Pat, have three children—Debbie, David and Diana.

William G. Binnewies, a second-generation NPS veteran, has been named superintendent of Bighorn Canyon

People
in the move

show
to

Apschnikat now super at Mound City Group NM

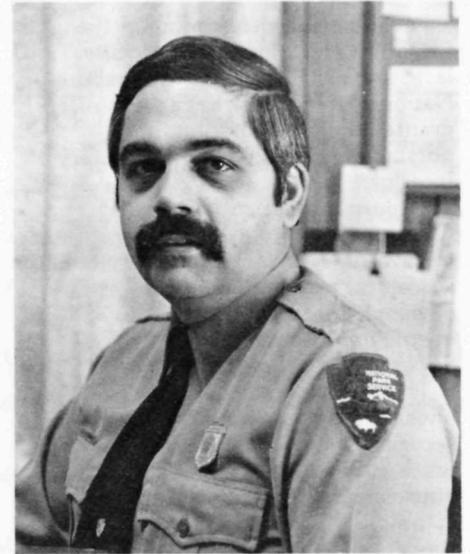


Ditmanson to Rushmore

Dale A. Ditmanson was selected to fill the position of park technician, Interpretation and Visitor Services, at Mount Rushmore National Memorial, S. Dak. He replaces Clyde Stonaker who transferred to Pinnacles National Monument, Calif., last summer.

Dale transferred from Fort Sumter National Monument, S.C., where he worked for the past 2 years. His duties at Fort Sumter included giving a variety of interpretive and Civil War living history programs. At Mount Rushmore, he will be giving interpretive programs and providing information services at the visitor center. He attended the University of South Dakota and received a B.A. degree in American History. He was born in Webster, S. Dak.

Dale and his wife Suzanne will be living in the park.



Ken Apschnikat, chief of Interpretation and Visitor Services at Richmond National Battlefield, Va., since 1975, has been appointed superintendent of the Mound City Group National Monument, Ohio.

Apschnikat, a 35-year-old native of Malden, Mass., graduated from a Franklin, Ky., high school in 1963, and received his B.A. in history from Western Kentucky University in 1967.

Apschnikat's Park Service career, which began in 1970, has included assignments at Mammoth Cave National Park, Ky., and Appomattox Courthouse National Historical Park, Va., where he served as historian, and as district naturalist at Shenandoah National Park, Va.

His hobbies include gardening, photography, hiking, bird-watching, hunting and fishing.

The new Mound City superintendent is married to the former Mary Patricia "Trisha" Twyman. The couple has two children, Tessa, 12, and Liela, 9.

Apschnikat reported for duty to his new assignment April 19.



Haraden to Rushmore

Thomas E. Haraden has been appointed park technician for Interpretation and Visitor Services at Mount Rushmore National Memorial, S. Dak.

Haraden began his NPS career as a seasonal biological technician studying grizzly bears in the Yellowstone and Grant Teton National Parks ecosystem with the Interagency Grizzly Bear Study. He also worked as a seasonal park technician at Wind Cave National Park, S. Dak., and most recently as lead park technician at Lincoln Home National Historic Site, Ill.

A University of Idaho graduate, Haraden has a Bachelor's degree in wildlife management.

Howe to Fort Laramie

Gary Howe has been named superintendent of Fort Laramie National Historic Site, Wyo.

He succeeds Vernon E. Hennessey who retired last year.

Howe comes to Fort Laramie from Canyonlands National Park, Utah, where he served as management assistant since 1976.

The Chicago native was graduated

from Colorado State University in 1962 with a Bachelor's degree in sociology.

After seasonal work with the Forest Service, he continued as a seasonal with NPS, at Rocky Mountain National Park from 1960-61. Then followed 6 years with the General Services Administration.

His first permanent position with NPS came as a maintenance trainee with the

Southwest Regional Office. Later he served as a park ranger and maintenance superintendent at Grand Canyon National Park for 3 years; superintendent at Tumacacori National Monument, Ariz., and Bicentennial interpretive coordinator at Harpers Ferry Center, W. Va., before his Canyonlands assignment.

Howe and his wife, Tonnie Jean, have three children, Russell, Ronald and Christy.

Awards

Staff awarded by Interior Secretary

For its role in the opening of the Eisenhower National Historic Site, Pa., last summer, the staff of Gettysburg National Military Park, Pa., was recently granted the Unit Citation for outstanding service by the Secretary of Interior.

Deputy Mid-Atlantic Regional Director Don H. Castleberry presented the award "for outstanding service in the successful planning, physical development of visitor facilities and opening of Eisenhower . . ." to Superintendent John R. Earnst.

The citation reads in part: "The physical changes necessary to provide security and visitor facilities while preventing an adverse impact on the house and its furnishing were accomplished with coordination and cooperation within a very tight time schedule. . . ."

"To carry out the necessary management of visitor use, a visitor transportation system was designed. Staffing requirements were identified; recruitment and special training of employees were undertaken which provided competent, hospitable staff."

In addition to the Unit Award, 17 employees of the park received individual awards for achievement. They are: Supervisory Park Ranger Robert E. Davidson; Museum Curator Lawrence



(From left) Interpretative Specialist Laurie Coughlan and Superintendent John R. Earnst of the Eisenhower NHS, Pa., with Deputy Mid-Atlantic Regional Director Don H. Castleberry.

H. Eckert, Jr.; Facility Manager John W. Deatrick; Supervisory Park Ranger Page F. Painter; Supervisory Park Ranger John B. Arnold; Exhibits Specialist Arthur R. Voorhees; Historian Kathleen R. Georg; Park Ranger Carolyn S. Rigney; Supervisory Park Ranger Laurie E. Coughlan; Purchasing Agent Frances C.

Hampton; Secretary A. Frances Lane; Administrative Technician Joyce K. Staley; Grounds Maintenance Foreman Elmon W. Williams; Maintenance Mechanic Foreman James B. Troxell; Maintenanceceman Paul M. Rohrbaugh, Jr.; Carpenter Joseph R. Harbaugh and Laborer Francis F. Frew.

Longest time in park



Thirty years at Everglades National Park were celebrated by Wallace J. "Wally" Key, center, when he received his 30-year pin from Superintendent Jack Morehead, right, and Maintenance Chief Glenn Farrar. As auto mechanic leader, Wally, has the distinction of having the longest service record in the park. "It hasn't seemed like that long, and I've seen a lot of changes, but Everglades is still the best place to work," Wally said.

People on the move



ADKINS, Barbara C., Admin. Tech., William Howard Taft NHS, to Purchasing Agent, ARO.

BALLAS, Harry D., Park Tech., Valley Forge NHP, to Park Ranger, Independence NHP.

BENJAMIN, John C., Park Ranger, Glacier NP, to Supv. Park Ranger, Glen Canyon NRA.

BOHANAN, William C., Maint. Mech. Leader, Crater Lake NP, to Construc. & Maint. Foreman, Isle Royale NP.

BROWN, Gary N., Supv. Park Ranger, Denali NP, to Same, Yellowstone NP.

BUONO, Frank W., Park Tech., Mount Ranier NP, to Supv. Park Ranger, Gateway NRA.

BURTON, Edwina M., Accting Tech., RMRO, to Procurement Clerk, RMRO.

CARPENTER, Scott L., Archeologist, DSC, to Same, W. Archeological Center.

CARROLL, Mary L., Accting Clerk, Yosemite NP, to Admin. Tech., Yosemite NP.

CLICK, Donna J., Communications Clerk, Great Smoky Mtns NP, to Accting Tech., Great Smoky Mtns NP.

CLONINGER, Lewis R., Auto. Mech. Helper, Everglades NP, to Motor Vehicle Opr., Everglades NP.

COFFMAN, Opal L., Admin. Clerk, Chickamauga & Chattanooga Natl Military Pk, to Admin. Tech., Andrew Johnson NHS.

COURTER, Patricia A., Clerk Typist, Carlsbad Caverns NP, to Budget & Fiscal Clerk, Gran Quivira NM.

DATTILIO, Daniel J., Park Tech., Jefferson Natl Expansion Mem. NHS, to Park Ranger, Fort Clatsop NM.

DAVENPORT, Susan J., Park Tech., Fort Caroline NM, to Supv. Park Ranger, Independence NHP.

DAVIS, Jerry H., Park Tech., Chickamauga & Chattanooga Natl Military Pk, to Same, Ocmulgee NM.

DUNMIRE, William W., Park Mgr, Coulee Dam NRA, to Same, Carlsbad Caverns NP.

FULTZ, Robert E., Park Tech., Hawaii Volcanoes NP, to Park Ranger, Lake Mead NRA.

GALLAHER, James A., Facility Mgr, Guadalupe Mtns NP, to Engineering Equipmt Opr Foreman, Yellowstone NP.

GLOO, Ellen C., Park Tech., NCR, to Same, Lincoln Boyhood NM.

HAWK, Lee V., Tree Worker, G W Mem. Pkwy, to Tree Worker Foreman, NCR.

HERRERA, Edward H., Engineering Equipmt Opr, Curecanti NRA, to Same, Wupatki NM.

HESSLER, Joy A., Employee Devmt Clerk, NCR, to Staffing Clerk, NCR.

KAYE, Glen F., Supv. Park Ranger, Cape Cod NS, to Same, Rocky Mtn NP.

KIRWAN, Gerald L., Realty Spec., MWRO, to Same, WASO.

MINCE, Walter R., Park Ranger, Point Reyes NS, to Same, Glen Canyon NRA.

RIDLEY, Douglas G., Park Tech., Canaveral NS, to Park Ranger, Hot Springs NP.

ROSE, Paul W., Hydrologist, Everglades NP, to Park Ranger, Santa Monica Mtns NRA.

SCHETZSLE, Anthony J., Clerk Typist, Glen Canyon NRA, to Park Tech., Hot Springs NP.

SCHILLIZZI, Christopher K., Lead Park Tech., Gateway NRA, to Park Ranger, Gateway NRA.

SCHULTZ, Donald R., Maint. Mech. Foreman, Padre Island NS, to Same, Yosemite NP.

SHULTZ, Dusty G., Admin. Tech., Andrew Johnson NHS, to Contract Spec., SERO.

SOLOMON, Thomas E., Architect, MARO, to Same, Delaware Water Gap NRA.

SPRINKLE, Ronald A., Park Ranger, Big Bend NP, to Supv. Park Ranger, Yellowstone NP.

STOTTLEMYER, J. Robert, Ecologist, WASO, to Same, MWRO.

TILGHMAN, Donald, Gardener, NCR, to Tree Worker, NCR.

TROTT, Joseph J., Archeologist, Chaco Canyon NM, to Park Ranger, Gran Quivira NM.

WARREN, Michael C., Park Ranger, Big Bend NP, to Same, SWRO.

People on the move
Submitted March 16, 1981

AHLSTRAND, Gary M., Ecologist, Carlsbad Caverns NP, to Research Ecologist, ARO.

ARMINGTON, Peter D., Park Tech., Pinnacles NM, to Park Ranger, Yosemite NP.

AUGUST, Randolph L., Park Tech., Lake Mead NRA, to Same, Jefferson Natl Expansion Mem. NHS.

BAKER, Nancy I., Landscape Architect, DSC, to Horticulturist, Jefferson Natl Expansion Mem. NHS.

BLACK, Vicki H., Park Tech., Saguaro NM, to Same, Apostle Islands NL.

BLAIN, Roger J., Supv. Park Ranger, Everglades NP, to Same, Acadia NP.

BONANNO, Anthony J., Supv. Park Ranger, Zion NP, to Park Ranger, Blue Ridge Pkwy.

BOYER, Gerald F., Accting Tech., NCR, to Gardener, NCR.

BRADLEY, Robert B., Park Ranger, Fort Sumter NM, to Supv. Park Ranger, Ocmulgee NM.

BRADY, James M., Park Ranger, WASO, to Supv. Park Ranger, MARO.

BYRNE, John F., Park Mgr, Yosemite NP, to Same, G W Mem. Pkwy.

BYTNAR, Bruce W., Park Ranger, Fredericksburg & Spotsylvania County Btfls Mem. NMP, to Park Tech., Blue Ridge Pkwy.

CANZANELLI, Linda, Supv. Park Ranger, Boston NHP, to Same, Jean Lafitte NHP & Preserve.

CARPENTER, Harry E., Park Tech., Buffalo NR, to Park Ranger, Point Reyes NS.

CHURCH, George D., Park Mgr, Golden Spike NHS, to Same, G W Birthplace NM.

CINNAMON, Steven K., Park Tech., Capulin Mtn NM, to Supv. Park Ranger, Wupatki NM.

COOLEY, Randall DR., Supv. Park Ranger, Independence NHP, to Park Mgr, Allegheny Portage RR NHS.

DOYLE, Fred C., Lead Park Tech., NCR, to Supv. Park Ranger, Prince William Forest Pk.

EASTWOOD, James C., Safety Mgr, Grand Canyon NP, to Regional Safety Mgr, ARO.

FEHR, Randy K., Park Ranger, Yellowstone NP, to Park Ranger, Chickasaw NRA.

FLEMING, Carl M., Biologist, Big Thicket Natl Preserve, to Park Ranger, Big Bend NP.

FRIES, Nancy L., Ecologist, DSC, to Same, Santa Monica Mtns NRA.

HAMANN, Ronald L., Park Tech., Cabrillo NM, to Park Ranger, Point Reyes NS.

HARADEN, Thomas E., Park Tech., Lincoln Home NHS, to Same, Mount Rushmore NM.

HART, Frank, Gardener, G W Mem. Pkwy, to Tree Worker, Rock Creek Pk.

HONESTY, Carmen E., Clerk Typist, WASO, to Secretary, WASO.

KORTGE, Lloyd P., Supv. Park Ranger, Cuyahoga Valley NRA, to Same, Badlands NP.

LA FLEUR, Harold A., Jr., Supv. Outdoor Rec. Planner, DSC, to Supv. Architect, DSC.

LAMBERT, Brian, Park Tech., Big Thicket Natl Preserve, to Same, Indiana Dunes NL.

LAUGHLIN, Earle K., Secretary, Navajo Lands Grp, to Support Services Supv., ARO.

LUNA, Alexandria L., Clerk Typist, DSC, to Program Clerk, DSC.

MAC KENZIE, Blair L., Jr., Lead Cartographic Tech., WASO, to Cartographic Tech., PNWRO.

MC CRARY, Paul F. III, Laborer, Cumberland Island NS, to Maint. Worker, Natchez Trace Pkwy.

MILLER, Ronald C., Sewage Disposal Plant Opr., Mammoth Cave NP, to Maint. Worker Foreman, Wilson's Creek Natl Btfl.

MILLS, Frank W., Park Tech., Harpers Ferry NHP, to Supv. Park Ranger, Statue of Liberty NM.

O NEALE, John D., Mech. Engineer, DSC, to Civil Engineer, ARO.

O'MALLEY, Molly A., Animal Caretaker, NCR, to Laborer, Golden Gate NRA.

OSBORNE, Russell E., Supv. Park Ranger, Amistad NRA, to Same, Scotts Bluff NM.

PALECK, William F., Park Ranger, ARO, to Supv. Park Ranger, Wrangell-St. Elias NP & Preserve.

PATTIE, John F., Realty Ofcr, MWRO, to Same, RMRO.

PEPPER, James R., Legislative Affairs Spec., Ofc of the Secretary, to Legislative Div., WASO.

PISANI, Peter A., Gardener, NCR, to Maint. Worker, Glen Canyon NRA.

RAMBUR, Richard J., Park Ranger, C & O Canal NHP, to Same, WASO.

RUDOLPH, Roger A., Park Ranger, Acadia NP, to Supv. Park Ranger, Crater Lake NP.

SCHENK, William W., Park Mgr, Fire Island NS, to Park Mgr, Grand Teton NP.

SCHULTES, Ellen M., Admin. Clerk, G W Mem. Pkwy, to Same, Wolf Trap Farm Pk.

SETNICKA, Timothy J., Supv. Park Ranger, Biscayne NP, to Law Enforcement Ofcr, Grand Teton NP.

SILER, Nelson W., Supv. Park Ranger, Grand Canyon NP, to Safety Mgr, Grand Canyon NP.

SILVERSTEIN, Judith L., Information Receptionist, NCR, to Park Tech., Lake Mead NRA.

SINGER, Francis J., Research Wildlife Biologist, Glacier NP, to Wildlife Biologist, ARO.

SITTINGDOWN, Milton T., Engineering Equipment Opr Foreman, Redwood NP, to Same, Buffalo NR.

SMITH, Edward P., Jr., Supv. Park Ranger, Crater Lake NP, to Same, Grand Teton NP.

SPONSEL, Arthur M., Procurement & Property Mgmt Ofcr, Grand Teton NP, to Supv. Contracting Spec., ARO.

Retiring

David Jones

San Francisco-based David Jones, who served as chief of the Division of Mining and Minerals for 10 years, retired recently after logging 35 plus years of Government Service.

Jones was the first mining engineer employed by the Park Service and was responsible for overseeing validity examination work on existing mining claims within the National Park System.

"He was the driving force behind The Mining in Parks Act which closed to mining the six remaining park areas (Mount McKinley National Park, Alaska; Crater Lake National Park, Oreg.; Glacier Bay National Preserve, Alaska; Death Valley National Monument, Calif.-Nev.; Organ Pipe Cactus National Monument, Ariz., and Coronado National Memorial, Ariz.) to further prospecting and mining claim location," according to Otis A. Kittle, now acting chief of the Division.

During his Government career, Jones also served with the U.S. Corps of Army Engineers and Bureau of Indian Affairs.

He will continue to reside in San Leandro, Calif., with his wife, Josephine, and plans to do consulting work in the minerals industry.



(On left) Deputy Regional Director, Western Region, with David Jones.

"Trudy" Bennett

Gertrude R. "Trudy" Bennett closed out a 25-year Government career recently intent upon pursuing her hobby of gardening and church work.

Mrs. Bennett, a travel specialist in the Division of Finance in the Southeast Regional Office, started working for NPS in Sante Fe in 1958 as a clerk-typist in the Finance Division. During her career she held other positions including secretary, payroll clerk, voucher examiner and auditor. Prior to joining the Park Service, she spent 2 years with the Air Force.

A native of Bridgeport, Conn., Mrs. Bennett is a graduate of Quinnipiac College in New Haven, Conn.

She and her husband, Thomas, will continue to reside in Santa Fe.

Other retirees

Samuel D. Baker
Hot Springs NP

Gertrude R. Bennett
SWRO

Ernest E. Bookout
Lyndon B. Johnson NHP

Joe Cly
Chaco Canyon NM

Ava E. Cox
Lyndon B. Johnson NHP

George W. Frolick
Lyndon B. Johnson NHP

Harry Gaines
Buffalo National River

Ralph Jacob
Lyndon B. Johnson NHP

Vernon D. Malecheck
Lyndon B. Johnson NHP

Clark A. McLemore
Chickasaw NRA

Ricardo B. Ruiz
Fort Union NM

Gilbert F. Salinas
Amistad RA

Manuel S. White
Lyndon B. Johnson NHP

Richard A. Stokes
Blue Ridge Pkwy

Thurman F. Ballard
Carlsbad Caverns NP

George Taylor
Great Smoky Mtns NP

Bernard Berg
Ocmulgee NM

William H. Bowles
Blue Ridge Pkwy

Charles F. Breedlove
Blue Ridge Pkwy

Aubrey J. Coward
Great Smoky Mtns NP

John P. Dooley
Blue Ridge Pkwy

Esther S. Edmonston
Big Cypress NP

Carl H. Gerlach
Fort Pulaski NM

Henry M. Hilliard
Gulf Islands NS

Paul J. Lafollette
Great Smoky Mtns NP

Everett W. Liddle
Blue Ridge Pkwy

Seaborne Mathews
Great Smoky Mtns NP

Harvey Oakley
Great Smoky Mtns NP

Elizabeth R. Register
Big Cypress NP

Lloyd C. Schlichting
Big Cypress NP

Estelle M. Saffelder
Big Cypress NP

John M. Thomas
Blue Ridge Pkwy

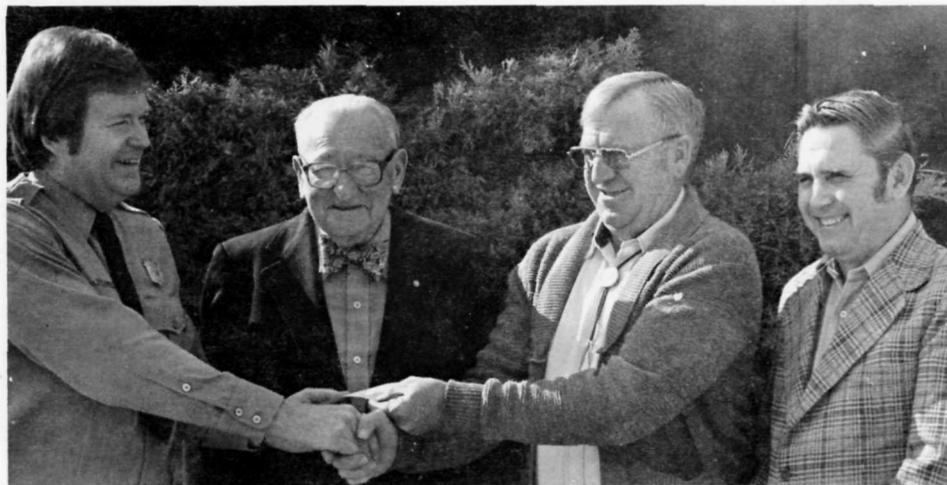
Arthur W. Wilson
Cumberland Gap NHP

Ulysses L. Womac
Cape Hatteras NS



Petrified Forest Museum becomes Supporting Donor

The Petrified Forest Museum Association recently became a \$500 Supporting Donor Member of the NPS Employees & Alumni Association. Already a \$100 Life Member, the association contributed another \$400 for the new membership status. Roger Rector, left, E & AA chairman and superintendent of Petrified Forest National Park, accepted the check for \$400 from Walter "Tuffy" Carpenter, museum association chairman.



Keith "Hoofy" Hoofnagle.

"Hoofy" for more good causes

"Stumps," the new cartoon book of Keith "Hoofy" Hoofnagle, is championing a good cause. Hoofnagle has donated the proceeds of the first 1,000 books to help build a Forks Museum in Forks, Wash. He is one of the founders of the Quileute Valley Cultural Association, which is spear-heading the museum drive.

Hoofnagle, West District naturalist, at Olympic National Park has become a part of the town of Forks, not only donating his "Stumps" proceeds, but thousands of hours of artwork to schools, fund-raising and the pool drive, to name a few.

Hoofnagle is hard at work on his next part-time job: editing, designing and



illustrating "Boss Pinkley's Ruminations," about the man who founded the southwest parks as they are today.



Albright Fellowship established

Resources for the Future is establishing a fellowship honoring Horace M. Albright, second Director of the National Park Service. Resources for the Future (RFF) is an independent center for research and analysis of public policy issues involving natural resources and the quality of the environment. Each year, the organization plans to invite an outstanding scholar to work with RFF researchers who are addressing public lands problems.

Laurance S. Rockefeller, who formerly served on the RFF Board of Directors, is offering a matching grant of \$100,000 to establish the fellowship.

Resources for the Future states that it feels a special affection for Horace Albright, as "he was instrumental in the founding of our organization in 1952, was our first president, and later served for many years as chairman of our Board of Directors." Now 91 years old, Mr. Albright recently was awarded the Presidential Medal of Freedom, the Nation's highest civilian honor.

Those wishing to join in the establishment of this fellowship should write: Resources for the Future, 1755 Massachusetts Ave., N.W., Washington, D.C. 20036.

Addresses

Correct address for Rita Matthews Mastin, Keeper-of-the-Rolls for the 1916 Society is 9314 Cherry Hill Rd., Apt. 413, College Park, Md. 20740. Tel. (301) 345-9429.

Name and address of NPS Alumni Editor for the National Park COURIER, James F. Kieley, 5121 Chevy Chase Parkway, NW., Washington, D.C. 20008. Tel (202) 363-6228.

Name and address of E&AA Membership Chairman, Ann B. Schramm, Room 3023-A, National Park Service, U. S. Dept. of the Interior, 18th & C Sts., NW, Washington, D.C. 20240. Tel. (202) 343-4105.

E&AA golf for trust fund

The fourth annual "Jerry-Atrics" Employees and Alumni get-together and golf tournament was held in Tucson, Ariz., Mar. 15 and 16.

On Sunday, 37 golfers turned out for a game at the Rolling Hills Country Club. The longest drive for the women was belted by Mary Fitch, while Jean Anderson was the closest to the pin. Low net was Barbara Rumburg with runner-ups Betty Peterson, Lois Kowski and Ruth Joseph.

For the men, scores were figured as First Flight (84 and under) and Second Flight (over 84). In the First Flight we had a tie for first place, so Luis Gastellum and Frank Sylvester took first and second place money and split it. Ernie Allen took third place money. In the Second Flight, John Davis ran off with first place; Stan Joseph came in second and Spud Bill and Eddie Gastellum tied for third.

Several who did not play golf went to lunch at the Lunt Avenue Marble Club. That evening's event was held at Rolling Hills, 74 attended.

On Monday, several of the non-golfers went shopping and then met at the Solarium for lunch. Forty people participated in the tournament at Randolph Park Golf Course on March 16, and awards were made that evening at a banquet held at the Rolling Hills Country Club, where 89 people were in attendance.

Gladys Clancy, of Phoenix, brought the women's traveling trophy back to Arizona from Santa Fe where it had been for the past 2 years. Barbara Rumburg

was second, Mary Fitch third, Betty Peterson fourth, and Georgia Sylvester, fifth. Mary Fitch also received an award for being in the most sand traps.

The men were divided into two flights again to provide a little more opportunity for the duffers to compete with the semi-pros. Ray Ringenbach was the top player and brought the men's traveling trophy back to Tucson from Santa Fe where it, too, had been for 2 long years. Ernie Allen was next, followed by Carl Walker, Frank Sylvester and Luis Gastellum.

Second flight winners were Dave Thompson, Forrest Benson, Howard Stricklin and Stan Joseph. The closest to the pin was Martin Wheelock; longest drive, Tom Giles; and the most sand traps award went to Joe Rumburg. John Davis was recognized as having come from the most distant point (Tacoma, Wash.) to participate in the affair. Howard Baker also attended, from Omaha.

Howard Chapman was here from Western Region and spoke briefly, at the dinner, to bring E&AA members up to date on the direction Park Service is taking and a bit about what is in the wind.

At the end of the festivities we had \$50 left to donate to the E&AA Educational Fund. On top of that, Ed Gastellum and Ernie Allen donated their golf winnings, so we were able to send \$56.00 to Treasurer Bill Ledford to put into the E&AA Trust Fund.

The next get-together is scheduled for Prescott, Ariz., Oct. 5 and 6. Mark your calendar and plan to attend.

—Mary Benson.

E&AA Founder member

Leslie Scott, longtime Park Service concessioner, has joined the ranks of Founder Member of the NPS Employee and Alumni Association.

Scott, now retired and living in East Lansing, Mich., served as President of the Fred Harvey Co., and ran concessions in Grand Canyon National Park, Mount Rainier National Park, Wash., and Sequoia National Park, Calif. He was also connected with the Furnace Creek operation in Death Valley National Monument, Calif.-Nev.

Scott joins the only other individual living Founder Member (\$1,000) with Don Hummel of the Glacier National Park (Mont.) Co.

"I am delighted to be associated with the E & AA as a Founder Member," said Scott.

Don began buying his Founder Membership in 1970, and completed the process this year.

E & AA also welcomed George F. Ingalls of Boulder, Colo., as a Supporting Donor Member (\$200). He joins a select group of five, including Howard Baker, George Fry, Earl Semingsen and the Petrified Forest Museum Association.

In addition, the E & AA Educational Trust Fund recently received a donation in memory of the late David L. Hieb from Mr. & Mrs. Harvey Reynolds.

E & AA membership is open to all persons interested in the National Park Service. Annual dues are \$10.

Your E&AA Representatives

Roger K. Rector Chairman of the Board
Richard Hart Vice-Chairman
Theresa G. Wood Executive Secretary
Pat Smith Education Trust Officer

William H. Ledford Treasurer of E&AA
Earl M. Semingsen Special Membership Officer
At large Conrad L. Wirth

James F. Kielely
E & AA Editor

Ann B. Schramm
E & AA Membership

Mid-Atlantic
Employee-Vacant
Alumni-Nate Golub

Western
Employee-Roger K. Rector
Alumni-Thomas Tucker

HFC
Employee-Richard Russell

Southeast
Employee-Vern Ingram
Alumni-George Fry

WASO
Employee-Pat Smith

NCP
Employee-Sandra Alley
Alumni-Ted Smith

Midwest
Employee-James L. Ryan
Alumni-Raymond Rundell

North Atlantic
Employee-John C. Raftery
Alumni-Nash Castro

Rocky Mountain
Employee-Frances Reynolds
Alumni-Richard Hart

Southwest
Employee-JoAnn Kyril
Alumni-Tom Ela

Alaska
Employee-Vacant

Pacific Northwest
Employee-Don Jackson
Alumni-Victor Dahlberg

Denver Service Center
Employee-Norman Reigle

New Zealand trip

The December COURIER, page 15, carried a reader-survey for choice of an E&AA sponsored trip. Tally of the 39 votes received, follows:

Southwestern U.S.	3
Trans-Canadian by RR	15
New Zealand	17
Southeastern U.S. & Washington, D.C.	2
Yucatan Peninsula of Mexico	2

SW Regional E&AA Rep Tom Ela, who was appointed by Chairman Roger Rector to advise on a New Zealand tour, reports that "the trip is selling fast." Please see March COURIER for more details about this trip; phone (505) 983-6830, or write Tom Ela, 1208 Placita Loma, Santa Fe, NM 87501.

Book signing day

Teacher of the year

Cliff Nelson, veteran seasonal ranger of 8 years at Custer Battlefield National Monument, Mont., has been named "Montana Teacher of the Year."

In between seasonal stints at the battlefield, he is employed at Seeley Lake Elementary School. According to school principal, Bob Aumaugher, Nelson's selection was only a matter of time. "I've worked with a lot of teachers in the past 10 years, but this man is head and shoulders above the rest," Aumaugher stated.

A graduate from Concordia College and University of Nebraska, Nelson's contributions to the interpretive program at Custer have been, according to Park Superintendent James V. Court, "based on a firm foundation of fact and free of cultural biases."

Nelson's award makes him eligible for the National Teacher of the Year Award, to be announced later this year.

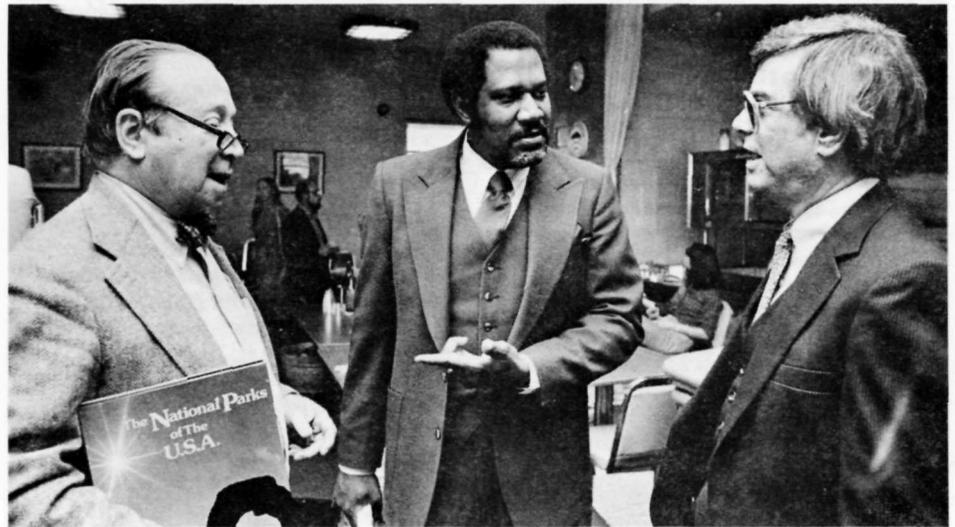
Glacier catalog

The Glacier Natural History Association has published a new, expanded catalog, listing 39 titles which includes books on animals, birds, flora, young readers, geology, history, native Americans and art prints.

Copies may be obtained free by sending a stamped, self-addressed envelope to: Glacier Natural History Association, West Glacier, MT 59936.



At a book signing celebration at the National Capital Region (from left) former NPS Director Conrad L. Wirth, Park Technician Elizabeth Waldo, NCR Regional Director Jack Fish. Wirth is the author of *Parks, Politics and the People*. (See August COURIER for review.)



Chief of Professional Publications Mark Carroll with Deputy Director Robert G. Stanton and James Murfin, Publications Specialist, WASO. Murfin is the author of *The National Parks of the U.S.A.* (See page 26, this issue.)

Join the E&AA

Your membership will give moral support in providing a better National Park COURIER, entitle you to participate in the NWC Savings Plan, and give you a voice in the shape of things to come. PLEASE JOIN TODAY.

Treasurer, Employees and Alumni Association of the National Park Service, P.O. Box 7144, Arlington, VA 22207

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Books

Twenty-five National Park Service books have been selected by the Superintendent of Documents as a part of an exhibit to tour several cities in the People's Republic of China.

The tour, sponsored in part by the Association of American Publishers, will take the books to six major cities from May 12 to 25, according to Mark Carroll, chief of the Professional Publications Division for NPS.

Carroll said the selection is a very good mixture of the kinds of research, reporting, and interpretation that the Service conducts as a necessary part of its management and conservation of outstanding national properties.

"The books range in complexity from sophisticated remote sensing publications of archeologists, to colorful booklets prepared for general audiences such as *Beehives of Invention*, *Edison and His Laboratories*.

Conspicuous among them, according to Carroll, are books that have had high sales volume in this country, such as *Manual for Museums*, *Kiva*, *Cross*, and *Crown*, and all volumes in the historic site series, such as *The Presidents*, and *Signers of the Constitution*.

We are particularly pleased, however, that the superintendent also chose books for the exhibit that are important contributions to research and the wise use of our resources," Carroll said. Included are publications in the scientific monograph series such as *Giant Sequoia Ecology*, and others, such as *Plants, People, and Environmental Quality*.

It is significant, Carroll explained, that millions of Chinese—whose second language is most likely to be English—will have an opportunity to view these books.

More than 600 American publishing houses are sending some 15,000 books for the exhibit. The U.S. Government publishing display will include over 3,000 books.

—Jerome E. Petsche
Managing Editor
Professional Publications



The Seashore Sampler

The Cape Cod National Seashore Women's Club is eager to help you become a great cook! They have an unusual 96-page cookbook, *The Seashore Sampler*, which features delicious, easy-to-prepare recipes from the Cape Code area as well as other parts of the country. The cookbook is only \$3.00 per copy, postage included.

These wonderful women sell these cookbooks and donate their proceeds to the Educational Trust Fund of the Employees and Alumni Association. Their latest donation was in the amount of \$1,500 which brings the total donation to date from their club to \$9,000—in just 5 years!

For a marvelous cookbook at the low, low price of \$3, please order by sending your check or money order to: Cape Cod National Seashore Women's Club, c/o Mrs. Dorothea Stevens, Box 136, Eastham, MA 02642.

Book review

National Parks of the U.S.A. by James Murfin. (New York City: The Rutledge Press, 1981. Hardbound, 9 x 13", 320 pp, color separations by LaCromolito, Milan, Italy. \$25.)

Transported by the spectacular images captured by the dazzling color photographs, you can explore the awesome power and pristine beauty of nature found in America's national parks in this book.

Illustrated with 320 breathtaking full-color photographs, including many panoramic double-page spreads, *National Parks of the U.S.A.* offers one an unforgettable photographic excursion through 40 national parks—from the Great Smoky Mountains and the Shenandoah to the incomparable Mount McKinley and Yosemite.

To accompany the glorious photos, James Murfin, Publications Specialist for NPS, has written the text—a delightful mix of history, folklore and fact.

Connie Wirth's book, *Parks, Politics and the People*, is available at a discount to NPS employees and alumni by the University of Oklahoma Press. The book, which sells for \$19.95 retail, is available to any employee or alumnus at \$15.95, and will be sent to any designated address, postpaid. Send check for \$15.95 to Richard Hart, Vice-Chairman E&AA Board, 1517 Davenport, Sturgis, SD 57785.

Jesse Nusbaum career documented

Further documentation of the career of Jesse Nusbaum is supplied in a new book about the former NPS archeologist's work in the southwest by his widow, Rosemary Nusbaum, published by the Sunstone Press of Santa Fe, N.M. "Tierra Dulce," subtitled "Reminiscences from the Jesse Nusbaum Papers," covers the subject's work in restoring the Palace of the Governors in Santa Fe, the archeological treasures of Mesa Verde in Colorado, and other important sites in the southwestern region.

Rosemary Nusbaum's "The City Different and the Palace," detailing her husband's years of work on the Palace of the Governors restoration project, was published by Sunstone Press in 1978.



Letters

To the Editor:

I read with great pleasure the excellent article on Jesse L. Nusbaum, written by Herb Evison in the January 1981 issue of the COURIER. I might add a couple of comments. First, here at Mesa Verde National Park, Colo., we have been endeavoring to rectify the long delay in the publication of Superintendent Nusbaum's manuscripts dealing with his work here. The first number of our new Research Series, to be published this spring, will be his account of his excavations, at Step House Cave. We hope to publish also his Balcony House manuscripts in a future issue.

Second, it might be interesting to your readers to know that the man seated on the ladder in the group photo, which appeared with the article was the then Crown Prince Gustav, later King of Sweden. He and his wife, shown standing just above him, were visitors to the park in 1926. The Crown Prince and Princess Louise were touring the United States and made a special trip to Mesa Verde to see the scene of the pioneering work of one of their countrymen, Gustav Nordenskiold, who conducted the first scientific excavations in the Mesa Verde in 1891. The official party of 14 spent 2 days touring the cliff dwellings with Superintendent Nusbaum as their guide. Nusbaum's exceptional skills with the camera resulted in excellent documentation of the royal party's visit, but he apparently traded places with one

of the party for this photo so that he could join the group.

Dr. Jack E. Smith, Chief
Division of Research and
Cultural Resource Management
Mesa Verde NP, Colo.

To SE Regional Historian

I am an instructor of history at Pembroke-Country Day School, Kansas City, Mo., and I recently led a group of eight high school age students on a 10-day tour of several Civil War battlefields administered by the National Park Service in the Southeast Region. At many of the Civil War battlefields, our group received extremely nice and hospitable attention from individual employees . . . I wish to call your attention to the fine work that each of these employees is engaged in.

At Fort Donelson National Military Park, Tenn., I wish to thank Jim Jobe. At Shiloh National Military Park, Tenn., Danny Howell deserves thanks for his fine interpretative work. Ray Claycomb provided us with invaluable information about Brices Crossroads and Tupelo National Battlefield sites, Miss., Kathy Gammel at Vicksburg National Park, Miss., sent us information on the battle at Vicksburg. Finally, Dennis Kelby took a good deal of time at Stones River National Battlefield, Tenn., to give our group a tour there. In addition, we especially would like to thank Ike Johnson, a new employee at Chickamauga and Chattanooga National Military Park, Ga.-Tenn., for his excellent ability to explain the event that occurred there during Sherman's "March-to-the-Sea."

I hope that you will commend each of the above mentioned employees for their fine efforts.

Michael M. Brown
Kansas City, Mo.

Deaths

Dewey Ealy

Dewey R. Ealy, former supervisory park ranger at Great Smoky Mountains National Park, N.C.-Tenn., died Feb. 8, after suffering a heart attack. He was 82. He was a charter member of the Employees & Alumni Association.

Dewey came to the Smokies in 1942, after 10 years with the Forest Service in Wyoming. He was forced to retire in 1956 after suffering his first heart attack.

He is survived by his wife, Ida, to whom he'd been married 58 years, and two sisters and a brother. Mrs. Ealy resides at Quail's Run Blvd., Bldg. 10, Apt. 4, Englewood, FL 33533.

Shirley Evison

Shirley Evison, wife of Herb Evison, retired chief of information of the National Park Service, died on April 3 at the age of 82 following a stroke suffered on Jan. 16. In accordance with her often expressed wish, there was no funeral or memorial service. Her remains were cremated.

Shirley, a native of Iowa, became acquainted with Herb while she was a freshman at the University of Washington, Seattle. Married on Oct. 1, 1919, they had 61½ years together. They had two children, Shirley Groomes, mother of five, and Boyd, superintendent of Sequoia & Kings Canyon National Parks, and father of two.

Shirley held several secretarial positions in Seattle before they moved east in 1929; while resident in the D.C. area she was associated with the Wilderness Society for 7 years and thereafter with the Arlington (Va.) Animal Rescue League. In retirement, she accompanied Herb on thousands of miles of travel while he was pursuing the oral history project of interviewing more than 400 current and former employees of the Service and others who had played parts in Service history. They also traveled extensively in Europe, Africa, the West Indies and Mexico.

Rolland Allgier

Rolland E. "Curly" Allgier, a retired maintenance worker at Mount Rushmore National Memorial, S. Dak., died Feb. 12 after a long illness. He was 66.

A native of Lake Andes, S. Dak., he moved to Hill City, S. Dak., in 1930 and was raised in that area.

Mr. Allgier entered the army in 1942. In 1949, he married Lillian Caswell and later, they made their permanent home in Keystone, S. Dak.

Survivors include his wife, six sons, Richard, Steven, David, Kenneth, Keith and Wayne, and two daughters, Donna and Heather.

Margaret Edmunds



Margaret S. (Maggie) Edmunds, former women's representative to the Board of Directors of the Employees & Alumni Association, died in February at her home in Richmond, Va.

She is survived by her husband, Allen T., who retired as associate regional director of the old Northeast Region in 1969. They were married for more than 50 years.

A graduate of Albion College (Mich.), she worked actively as a professional book reviewer and speaker in churches in the Philadelphia area.

She was a member of several organizations including the Alpha Chi Sorority, Garden Club of Virginia and first President of the Women's Society of the Trinity United Methodist Church in Richmond.

During her 2 years on the E&AA Board, she brought much encouragement and many ideas to the organization and enjoyed enormously her role in this endeavor.

Mrs. Edmunds also enjoyed travel, taking numerous trips with her husband to some 38 foreign countries and giving illustrated talks to friends and relatives.

In addition to her husband, she is also survived by two sons, James T. of Virginia, and Peter A. of Lansing, Mich., and nine grandchildren.



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