

Arrowhead

The Newsletter of the Employees & Alumni Association of the National Park Service



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FROM THE DIRECTOR

Another park summer is over. We've had a good year in many ways. Visitor numbers are rebounding; we are making real progress in addressing the maintenance backlog; the natural resource challenge is moving forward; we are bringing more park-based learning centers into operation; we are increasing our partnerships in both number and strength.



We have also met tragedy. In a few short hours in mid-summer, we lost two fine young men with great potential to become our leaders of tomorrow. Park Police Officer Hakim Farthing in Washington, D.C., and Park Ranger Kristopher Eggle at Organ Pipe Cactus NM, both died in the line of duty. We will miss them and we will honor them as we work to protect and support their friends and co-workers across the entire National Park System.

In September, all of us paused to remember 9/11. As part of that remembrance, Congress convened in Federal Hall National Memorial for a rare formal joint meeting outside of Washington.

We are moving forward with restructuring. The new headquarters organization is in place and we are working on filling the key leadership positions with strong, dynamic people.

In September our National Leadership Council and the National Park Foundation's board met in Acadia. While there, we joined some Employees and Alumni Association members for a delightful reception on a harbor tour boat, from which we saw a majestic bald eagle, reminding us of the legacy of our historic places and open spaces.

We are also working toward a seamless network of parks, a closer alliance among the managers of these vital places, offering visitors significant opportunities wherever they seek out their natural and cultural heritage and recreational experiences.

Volunteers continue to be very important. These special partners—including many E&AA members—show up to help when we need them, where we need them, making possible a great deal of what we do. We're working on programs to give volunteers more support and recognition, too.

Starting early next year, both the Centennial of Flight and the Bicentennial of Lewis and Clark will give us unique opportunities to teach the next generation of Americans about the special legacy of our parks as the physical places touched by the events and people that shaped this great nation.

Our country needs all of us to help our visitors better understand what it means to be an American. Thanks for your involvement.

—Fran Mainella

NPS Pledges Support for Memorial Commemorating Flight 93 Crash Site

NPS Special Assistant P. Daniel Smith testified on behalf of the agency and the Interior Department on July 9 in support of H.R. 3917, a bill commemorating the passengers and crew of Flight 93, who, on Sept. 11, 2001, gave their lives to thwart a planned attack on the nation's capital.

In addition to establishing a national memorial at the crash site in Shanksville, PA, H.R. 3917 would create a Flight 93 Advisory Commission, coordinated and facilitated by the Secretary of the Interior, to provide technical and financial assistance to the Flight 93 Task Force and to administer a Flight 93 memorial as a unit of the National Park System. The Flight 93 Task Force is a grass roots organization formed by people con-

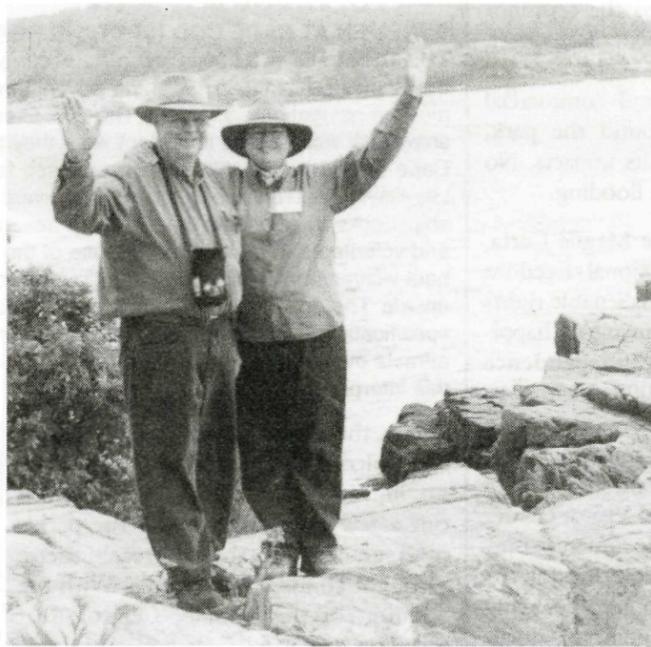
cerned about the future of the crash site, including grieving families of the passengers and crew, the people of the region who are the current stewards of the site and a broad spectrum of citizens across the U.S.

"Establishing a permanent memorial would serve as a meaningful way to honor those who sacrificed their lives on September 11 and would provide an appropriately respectful setting for family members and other visitors," said Smith. "As we testified earlier this year on another memorial bill, in the case of enormous national tragedies, we have found that commemoration seems most appropriate at the site of the tragedy itself. The Oklahoma City National Memorial would not have nearly the

power it has if it had been constructed anywhere else but at the site of the Murrah Building."

Numerous NPS staff have visited the Flight 93 site to understand this special place and its changes over time. They have met with local people including landowners, the local historical society, the mayor of Shanksville, county commissioners and rescue workers to provide advice and technical assistance on site security and in the preservation and curation of artifacts left by visitors at the site. NPS employees have facilitated a series of public meetings regarding the future of the site. People directly involved with the creation of the Oklahoma City N MEM have also provided assistance to the local people and officials.

E&AA Holds 2002 Reunion at Acadia NP



JOE AND ANN GORRELL visit Thunder Hole at Acadia NP during the 2002 E&AA Reunion.

Forty-seven E&AA members, spouses and friends from 15 states convened at the September 2002 biennial reunion at Acadia NP on Mount Desert Island, ME. The registration and first evening lobster experience took place at the Atlantic Oakes Hotel overlooking Frenchman Bay and its many islands. E&AA President Chesley Moroz welcomed the group and introduced Margo Haertel (Supt. Paul's wife) and retired Supt. Keith Miller, who make Bar Harbor their home. They each shared their experiences and love for the park. The next day's highlights "connected" us to Acadia NP as we experienced the park's geology, and natural and

human history along the 20-mile Loop Road. Two talented guides shared their knowledge and interpreted the diversity of life in the woodlands, lakes, rocky coastline and on the mountain tops. Park Ranger Jack Arnott (a two-year seasonal) and Stan Boynton, a Bar Harbor native, very ably pronounced the many French place-names, courtesy of the early explorers—Cadillac Mountain, Champlain Mountain and Sie de Monts Spring. Another highlight for the day was lunch at the Jordan Pond House with its renowned popovers and lobster stew. After a climb to the top of Cadillac, via bus, the park visitor center offered an introduc-

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Setting a Standard for NPS Interpretation

By David L. Larsen, Steven T. Mather
Training Center

One of the challenges facing the profession of interpretation is that there are too many interpretations of what interpretation is. As a whole, resource professionals do not share a sense of interpretation's purpose, definition or standards.

That may be changing. The NPS's Interpretive Development Program, a joint effort of the WASO Division of Interpretation and Education and the Stephen T. Mather Training Center, has harnessed the best thinking of more than 300 field interpreters. "We've established a national standard," says Corky Mayo, program manager for Interpretation and Education. "We now have a working definition that measures the interpretive elements of our products. It empowers interpreters and supervisors to develop at the local level."

Starting in 1994, the program organized field input through a series of workgroups and pilot courses to create a new

"We've established a national standard. We now have a working definition that measures the interpretive elements of our products. It empowers interpreters and supervisors to develop at the local level."

interpretive curriculum. Since 1996 there have been more than 350 training events based on the new national standards. This is an increase in training volume of 500 percent over the previous ten years. Becky Lacome, acting training

manager for Interpretation, Education and Cooperating Associations at Mather knows why. "We're training more because lots of interpreters are enthusiastic about the ideas and practices established by the curriculum," she says.

The program also created and oversees a peer review certification program that measures the interpretive effectiveness of ten essential activities (tours, talks, education programs, etc.). Since 1996, more than 2,700 interpretive programs and products have been submitted from interpreters in 185 parks. Those submissions are reviewed by trained curriculum coordinators who measure the interpretive product against a "rubric"—an assessment tool used in formal education that describes what a successful program should look like. These rubrics were written by field interpreters with the help of outside

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Focus on the Parks

- Infant hatchlings of the world's most endangered sea turtles were released into the waters of **Padre Island NS** in mid-June. In the 2002 nesting season, 28 Kemp's ridley nests had been located on the Texas coast as of June 7. Only one other confirmed Kemp's ridley nest has been found in the U.S. this year. The successful release of hatchlings from these eggs adds substantially to chances for long-term survival of the Kemp's ridley. Begun in the late 1970's, the sea turtle restoration program aims to establish a second nesting colony for the Kemp's ridley in the protected haven of Padre Island NS's beaches. Many federal and state agencies, private industries and environmental and citizen groups are involved in this restoration effort.

- In July rangers discovered significant vandalism to a front-country archeological site known as Lomaki Ruin, a pueblo built around 1190 in **Wupatki NM**. The vandalism included damage to original features of the site as well as restored columns and interpretive signs. Archeologists estimated the damage at over \$5,000. There has been significant media interest in the case and, as of press time, a suspect has not yet been identified.

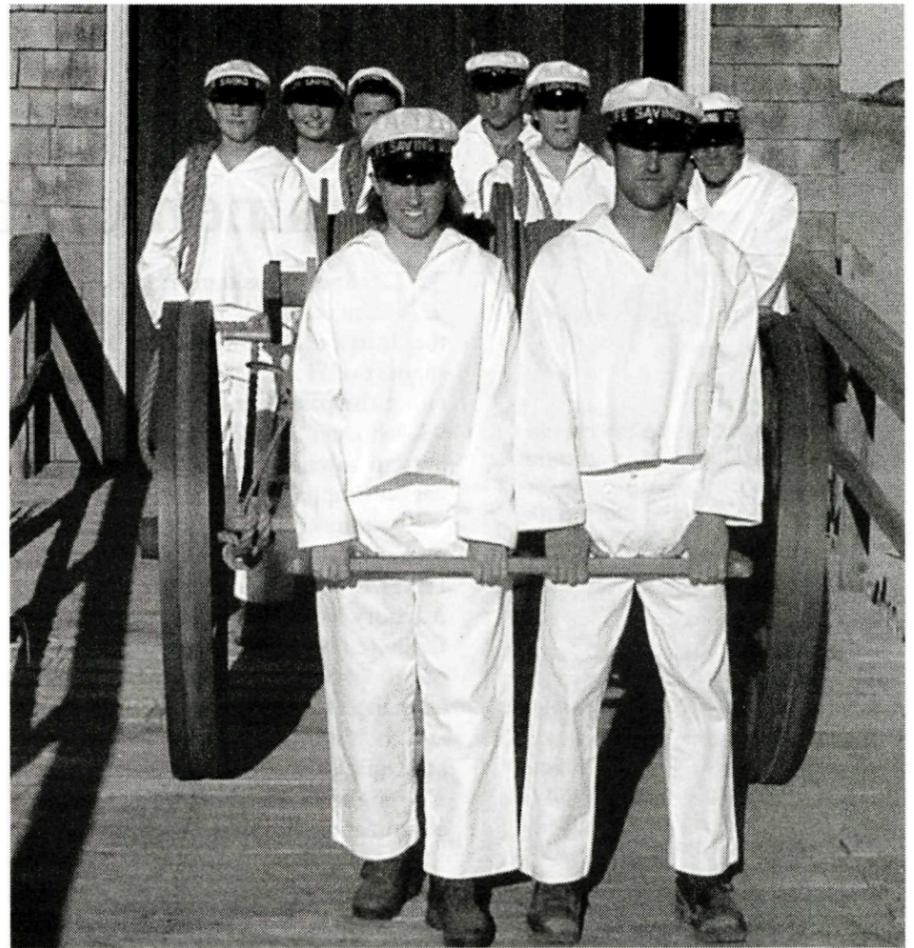
- In 1995 a bronze plaque commemorating Stephen Mather, the Service's first director, was stolen from **Great Basin NP**. The 80-lb. plaque was spotted in the yard of a surplus dealer in Reno this May by a Forest Service law enforcement officer, who promptly notified the NPS. A subsequent investigation revealed that the surplus company may have acquired the plaque inadvertently from a military surplus depot. Agents recovered the plaque, which was returned to the park. It was originally purchased for \$1,800.

- Campers in the NPS-managed Dyea Campground at **Klondike Gold Rush NHP** were awakened on July 23 by torrents of water flowing through and around their tents and RV's. Ranger Jim Wessel led the evacuation of the campground. Although less than an inch of rain had fallen during the previous 24-hour period, the Taiya River rose to a crest of 21 feet around 6:30 a.m. Aerial investigation of the nearby "No Name" Glacier and assessment by a glaciologist determined the cause of the flood. A large lateral moraine next to the glacier and about eight miles northwest of the campground failed at its base and tumbled onto the face of the glacier, discharging soil and ice into the terminus lake at the face and displacing lake water. The sudden nature of the event, coupled with increasing private and commercial development in and around the park, increased the severity of its impacts. No injuries resulted from the flooding.

- An original copy of the Magna Carta, the bedrock of constitutional freedom and foundation for the unalienable rights of life, liberty and the pursuit of happiness, is on exhibit at **Independence NHP** through March 2003. Visitors to Philadelphia have a rare opportunity to view the document that framed the United States Constitution and the Bill of Rights. The Independence Visitor Center is hosting this historical document, courtesy of the Perot Foundation through the National Archives, and an accompanying exhibit of historically significant documents on loan from The Library Company of Philadelphia. An extraordinary testament to basic rights and freedoms, the Magna Carta expresses human principles that previously had never been stated or written into law.

- First Lady Laura Bush and First Lady of Poland Jolanta Kwasniewski visited **Thaddeus Kosciuszko NM** on July 18. The smallest unit in the System at just a fifth of an acre, the site honors Thaddeus Kosciuszko, a military engineer who designed the fortifications for West Point during the American Revolution and went on to fight for freedom in his native Poland.

- Flash flood season arrived at **Capitol Reef NP** six weeks later than usual on July 25. A thunderstorm dumped an inch of rain within a few minutes on Miners Mountain and the Waterpocket Fold, causing flooding in Capitol Gorge and Grand Wash and eventually the Fremont River. Park employees responded, locating visitor vehicles within the flood area, closing roads and monitoring flow in various drainages. Eleven people in three vehicles were stranded in Capitol Gorge, where the water level was two-feet deep. Two of these vehicles were



Scottie Nista

SURFMEN AT CAPE COD NS STAND READY TO PERFORM THE BEACH APPARATUS DRILL. Over 3,000 shipwrecks occurred off Cape Cod NS prior to the opening of the Cape Cod Canal in 1915, the advent of stronger-built ships and the development of modern navigation equipment. The U.S. Lifesaving Service was established to rescue shipwreck victims. The important work they performed helped ease the hardships of Cape Codders, who depended on the sea for their livelihood. Visitors to Old Harbor Life-Saving Station during the summer were able to return to the days of lifesaving and shipwrecks by attending the 1902-era beach apparatus drill. During the drill, nine staff and volunteers demonstrated the use of the breeches buoy, which was employed to haul victims from wrecks one at a time when surf or weather made rescue boats unsafe. The drill included live firing of a projectile from a Lyle gun. Performed to 1902 specifications with some minor variations for staff and visitor safety, the drill typically attracts over 100 visitors. This is the 23rd year that the national seashore has provided this interpretive program.

left in the flowing water as all visitors scrambled to high ground. There were no injuries. The vehicles were driven out a few hours later when the park's road grader was able to reach them. Drought conditions continue. With the addition of this rainfall, Capitol Reef received only 1.63 inches total precipitation in the official water year, which began on Oct. 1, 2001. Average annual precipitation is seven inches.

- Due to June rainfall almost three times as normal, water levels on Rainy Lake in **Voyageurs NP** reached their highest levels in 52 years and continued to climb. The lake is partially within park boundaries and partially within Canada. There was extensive flooding on both sides of the border. Rainy Lake is almost two feet above flood stage and numerous facilities and buildings in the park and surrounding communities incurred water damage. The local communities were declared federal disaster areas. In addition to damage to boat docks, hiking trails and boat harbor fuel dispensing stations at Kettle Falls and the Rainy Lake Visitor Center, sinkholes developed in flooded parking lots and visitor access drives. Park staff stabilized docks, campsites, fueling facilities and navigational aids and assisted local communities with sandbagging efforts.

- The first public viewing of a rare exhibition documenting the story of American lynchings from the 1880's to the 1960's, entitled "Without Sanctuary: Lynching Photography in America,"

runs through Dec. 31, 2002 at **Martin Luther King, Jr. NHS**. Most of the images are taken from a collection owned by James Allen and John Littlefield, which are on permanent loan at Emory University in Atlanta, GA and featured in a book of the same name as the exhibition. The exhibition bears stark witness to a not-so-distant period in American history when lynchings and mob violence were synonymous with law and order. "A central objective of the exhibit is to afford those who were victims of the crimes a well-deserved measure of dignity and respect," said Joseph Jordan, curator of the Atlanta exhibition and director of the Sonja Haynes Stone Black Cultural Center at the University of North Carolina at Chapel Hill. "We have emphasized the humanity of these individuals, rather than the spectacle of their deaths."

- In June, a bull bison gored a man near the Old Faithful Inn in **Yellowstone NP**. Witnesses state the bull bison was grazing next to the footpath that connects the Old Faithful Inn to the lower Hamilton Store. The bison was approximately one foot off to the side of the path. The victim, David Havlik of Texas, was seen walking down the middle of the path. Witnesses stated that he did not attempt to get off the path or move away from the bison when he passed it at a distance of about three feet. As the victim passed by, the bison turned, lowered its head and threw him in the air and off the side of the path, then continued grazing. Havlik sustained a two-inch

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The *Arrowhead* is a quarterly publication for National Park Service employees and retirees. The E&AA is a non-profit, membership organization dedicated to promoting the values of the NPS family and preserving its treasured resources. The *Arrowhead* is available to non-members and other organizations for \$15 per year.

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Focus on the Parks

puncture wound to his inner right thigh. Park rangers immediately provided emergency medical care. Havlik was transported by park ambulance to Lake Hospital and treated for his injury. Park officials remind all park visitors that bison are more dangerous than they appear; they can weigh up to 2,000 lbs. and sprint up to 30 miles per hour. It is against the law to approach within 100 yards of bears or within 25 yards of all other wildlife. Visitors are urged to keep a safe distance from all park wildlife, especially wildlife with young.

• **Little Bighorn Battlefield NM** will have an Indian Memorial before the end of the year. Construction has been underway since mid-April. The Indian Memorial is scheduled for completion in late October, with an official dedication tentatively set for June 25, 2003, the anniversary date of the battle. The Indian Memorial at Little Bighorn Battlefield is dedicated to the Plains Indian women, children and men who took part in the battle and whose spirits and culture survive. The memorial expresses the Plains Indian Legacy.

• In a move designed to save July Creek's towering trees, **Olympic NP's** 28-site July Creek campground was converted to a day use picnic area on July 8. Years of camping compacted the soil, damaged the root systems and weakened the centuries-old trees. The campground was in one of the last remaining old growth forest stands on Lake Quinault's north shore; many of the trees are four to nine feet in diameter. "Soil compaction frequently leads to weakened, diseased trees that are at increased risk of toppling or losing one of their huge branches during a storm," said Supt. David Morris. "We have chosen to convert July Creek to a picnic area, maintaining safe visitor access to this beautiful site, without sacrificing its magnificent trees."

• On Aug. 2, an errant missile landed within the **White Sands NM** cooperative use area, which is closed to visitors. The point of impact was about 15 miles from the main visitor area. The missile was a drone used for targeting missions and contained a hydrazine propellant. It veered off its intended course, so was given a self-destruct order by controllers. The crater from the impact was six feet in diameter. A HAZMAT crew from White Sands Missile Range flew to the crater and took air and water samples to assess the site. Cleanup and rehabilitation of the site will be coordinated with the military and the state's department of the environment.

• In June **Fort Vancouver NHS** hosted the 22nd annual brigade encampment, interpreting the annual return of fur traders to Fort Vancouver. The event featured staff and over 50 volunteers who used living history to portray original inhabitants of this British fur trading post and western headquarters of the Hudson Bay Company. The event took place along the Columbia River waterfront district of the park where visitors witnessed the arrival of an historic longboat full of interpreters portraying voyageurs returning with their furs to the fort. For the first time since the 1840's, the encampment was held near its historic location on the site of the workers' village.

• **Horseshoe Bend NMP** maintenance



ON AUG. 25, RANGERS, VOLUNTEERS, STAFF AND PARTNERS of the John H. Chafee Blackstone River Valley NHC and the Pawtucket Red Sox baseball team celebrated National Parks Day at the McCoy Stadium in Pawtucket, RI, within the boundaries of the Heritage Corridor. Park staff and VIP's were on hand to welcome fans at the stadium entrance and hand out commemorative Junior Ranger badges to the first 3,000 children. Pictured above: Members of "Team NPS" pose before heading out onto the field for a public salute to National Parks Day. The team consisted of rangers and volunteers from Blackstone River Valley NHC, Lowell NHP, Boston NHP and New Bedford Whaling NHP.

workers rescued a father and son from the Tallapoosa River on Aug. 2. The boy and his father had just launched their boat into the swift waters when they struck a rock, throwing the boy into the river. The bow of the boat then hung up on the rocks, causing it to fill and capsize. Both passengers managed to stay with their overturned boat as it bounced through the rapids. Maintenance workers Bill Thornell and Steve Vines used the park's jet-drive patrol/rescue boat to reach the capsized boat to the river's edge and helped right it and bail it out before towing it back to the park boat ramp.

• The black U.S. Air Corps unit that gained fame in WWII as the Tuskegee Airmen was honored Aug. 15 at **Tuskegee Airmen NHS** when the NPS site dedicated to their achievements opened a temporary visitor facility. Several former members of the fighter squadron attended the opening that was held at Moton Field in Tuskegee, AL, site of the initial training area for the WWII squadron. A tribute to the airmen was held in the last remaining historic hangar at the airfield. Director Fran Mainella and Assistant Interior Secretary Craig Manson participated in the ceremonies.

• A mass migration of thousands of young Boreal toads from ponds near Sullivan Meadow to upland areas prompted **Glacier NP** officials to temporarily close a section of road this summer. Due to their small size, one inch in length, there was concern the toads would not be able to move out of the way of traffic. Dr. Steven Korn, a U.S. Geological Survey biologist who specializes in amphibians, said the phenomenon is normal that time of year, but that the quantity of toads was unusual. Although the Boreal toad is not a listed protected species, the worldwide decline of amphibians is a problem. Glacier NP is participating in a national, multi-agency program titled the Amphibian Research and Monitoring Initiative (ARMI), which is charged with documenting amphibian populations nationwide and attempting to discover reasons for their decline. The ARMI survey has already resulted in a

confirmed observation of a newly documented species in Glacier, the Boreal Chorus frog.

• The largest national park in the System at 13.2 million acres, **Wrangell-St. Elias NP & PRES**, dedicated its new visitor center facility Aug. 4. Eventually the site will have 11 structures. In addition to the new visitor center, the complex will have a theater, amphitheaters, exhibit building, bus loading structure, water treatment building, three administrative buildings, a museum and a loop-walking trail.

• Staff and volunteers from the **Obed WSR** have retrieved two historic millstones from the whitewater of Clear Creek. The fluted millstones, part of a corn gristmill that operated along the stream, had been in the water a good part of the last century. They were being degraded by the erosive power of the stream and there were indications that someone had recently tried to move the stones. A decision was made to retrieve them and preserve them in the park visitor center. An exhibit on the historic mill site and the "horizontal tub-wheel" technology will be finished soon in the park's visitor center and the millstones will be the centerpieces. These cultural artifacts, now preserved and interpreted for the public, are vivid reminders of the cultural history of the Obed region.

• **Lake Mead NRA**—on Aug. 6, local divers located an Army Air Force B-29

bomber, which had crashed in the Overton Arm of Lake Mead over 54 years ago. All crewmembers survived the crash, and their stories in conjunction with Army Air Force crash reports were instrumental in locating the aircraft. It was located at a depth that requires technical skill and specialized equipment to access. The B-29, called the "Beetle Bomb," was one of the first high-altitude heavy bombers and was reported to have carried equipment specifically designed for what was once a top-secret mission of atmospheric research. Because there are few examples of the B-29 left in existence, this aircraft is a very significant cultural resource. The NPS has contacted the Submerged Resource Center to do a full condition assessment and site documentation. The B-29 and the site upon which it rests are managed by the NPS under the National Historic Preservation Act. Federal law prohibits any disturbance of this protected resource. The local dive team, which located the B-29, will be working cooperatively with the NPS to ensure the preservation and protection of this important resource.

• A solo climber fell a thousand feet to his death just after midnight on June 30, while descending from the 18,000-foot level on Denali's Pass in **Denali NP**. Climbers and an NPS ranger witnessed the fall from the 17,200-foot-high camp and responded. This is the first climbing fatality to occur on Mount McKinley this year; the last was in 1998.

• **Rocky Mountain NP** staff assisted local-area Mountain Rescue Association teams in hosting the national MRA conference held in Estes Park, CO in June. Over 200 MRA members from across the country attended. Search and rescue field exercises were held in two areas of the park. International SAR team delegations from China and Israel attended, and staff provided the Israeli delegation with a tour of the park. WASO SAR Program Coordinator Randy Coffman and park SAR Program Coordinator Mark Magnuson gave presentations on NPS search and rescue issues and programs.

• The annual Sturgis Motorcycle Rally was held Aug. 5 through 11. Impacts from the rally included extremely heavy traffic at **Mount Rushmore NM** and other nearby parks. Officials estimate that over 500,000 people attended the event, with approximately 94,000 bikers visiting Mount Rushmore. On Aug. 6, the park set a new daily visitation record high of 41,825 visitors. ■

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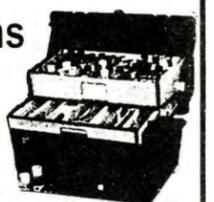
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Setting a Standard for NPS Interpretation

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educational consultants. They are connected to the curriculum and are available at www.nps.gov/idp/interp for interpreters to consider before they send in a product. There are about 75 curriculum coordinators and each serves a two-year collateral duty term.

What Interpretation Does

Part of the success of the curriculum and the certification program comes from a clear focus that interpretation directly supports the protection mission of the NPS.

Tanaka Shozo, an eminent 19th-century Japanese conservationist may have stated it best—"The care of rivers is not a question of rivers, but of the human heart." In one sense, Shozo uses the word "care" in terms of "care for." This is the work of conservation professionals—superintendents, interpreters, resource managers, law enforcement personnel and others, who care for the resource in tangible ways. But Shozo suggests that care is not exclusive to the tangible resource, rather it is "of the human heart." In this way, Shozo uses the word in terms of "care about." How can people come to support the *care* for the tangible resource unless they first come to *care about* the resource?

Shozo describes the desired outcome. Successful interpretation raises consciousness, provokes care, increases appreciation and enhances understanding. These are "personal connections"—a critical

concept for the Interpretive Development Program. *The Oxford New English Dictionary* (1989) defines connection as "the condition of being related to something else by bond of interdependence..." Interpretation facilitates a personal connection, the "bond of interdependence," that is the prerequisite for stewardship action.

Most interpreters involved with the program know that Freeman Tilden in *Interpreting Our Heritage*, forecasted almost everything "new" in this evolution. Mather Supt. Mike Watson says "Interpretation has built on the success of the old Interpretive Skills Program and taken a huge step forward. Freeman Tilden's principles describe the goals of interpretation, but the Interpretive Development Program has created tools and practices that help interpreters get there more easily and more often."

A National Standard

The Interpretive Development Program holds that all interpretive programs and products must provide audiences with opportunities to make their own emotional and intellectual connections to the meanings of the resource. Interpretive programs and products must also cohesively develop a relevant idea—say something meaningful about the resource.

Successful interpreters continue to be creative and exercise their own style with all sorts of interpretive techniques and activities. "The national standard lets us see how they use those techniques to cre-

ate opportunities for connections to meanings," says Lacombe. The result is a higher quality of interpretive product. "Successful interpretive work hasn't changed," says Mayo—"but we think we're getting more successful programs because we can specifically and accurately describe what success is." Becky agrees, "We're using the standard to train and coach more effectively."

The focus on "opportunities for connections to meanings" has caught on. The National Association for Interpretation recently adopted a definition using very similar words. Likewise, the U.S. Fish and Wildlife Service is using the same working definition of interpretation.

Higher Quality

There were 187,818,744 visitor interactions with NPS interpretive products in 2001. "Anyway you look at it—we just can't afford to ignore the quality of those audience contacts," says Mayo.

The Interpretive Development Program is making some headway. For example, Dave Schafer, a frontline interpreter at Lyndon B. Johnson NHP, describes himself before his involvement with the program as enthusiastic, but "I think many of my programs were mostly information." Since then, Schafer demonstrated certification standards with a number of interpretive products and was a curriculum coordinator for two years. "The program helped me understand that my interpretation needed to be relevant to the meanings and significance of the LBJ Ranch and to

the life experiences of my audience members. It also helped me develop specific strategies for helping connect park meanings to audience interests. Now I think visitors have a much better chance of walking away from one of my bus tours with their own profound sense of the ranch's importance."

More to Do

The Interpretive Development Program hopes to create additional curricula on interpreting multiple points of view, critical resource issues and controversy. "We've got to look more at outreach and ways to offer connections to audiences who haven't or won't visit national parks," says Mayo, "and learn more about the effect quality interpretive programs and products have on all our audiences." Partnerships with Stephen F. Austin University and West Virginia University are in the early stages of using focus groups, linguistic analysis and perception analyzers to do just that.

So far, however, success has been inconsistent. Many individual interpreters feel their work has improved. Some parks have encouraged widespread participation. Yet many more have not yet taken part. Corky Mayo takes the long view, "In the end, the Interpretive Development Program will make a significant impact on the NPS mission to the degree individual interpreters and individual superintendents know about it, see value in it and choose to participate. Along the way, we'll just keep trying to do good work." ■

Salem Maritime NHS Exhibit *Friendship* Gets New Mainmast

By Martin Fucio, park guide, Salem Maritime NHS

The Massachusetts coast north of Boston is called "The North Shore," and the North Shore's tallest tall ship is looking more like herself.

The ship is the three-masted *Friendship*, the newest exhibit at Salem Maritime NHS. *Friendship* has a new mainmast, replacing one that was damaged during a lightning storm in August 2001. The 242-ton replica of an 18th-century merchant ship is moored at Central Wharf, one of three remaining wharves in Salem that were home to nearly 150 ocean-going ships when Salem was a major commercial port after the American Revolution.

The mainmast installation started with an historic maritime tradition—coins and other memorabilia were placed for luck in the mast "step," atop the keel or ship's backbone. Other lucky items included a Park Service patch, a medallion from the USS *Constitution* and a patch from Salem's Phoenix School. The private elementary school, along with Salem City schools, raised \$18,000 for *Friendship*.

A 40-ton crane lowered the first 59-foot mast section over the coins on the keel. As the crane operators swung the mast over the hull, they watched hand signals from NPS employee Dave Mullin. Mullin guided the huge piece of wood into position, then ensured it remained steady as Park Service workers Jeremy Bumagin and John Newman and a crew of *Friendship* volunteers scrambled up the mast to make adjustments and put the heavy black rigging cables in place.

Newman and Bumagin were on *Friendship*'s deck the afternoon of August

10, 2001 as they watched thunderstorms roll over Salem. They retreated below deck when heavy rain started. On deck, Park Ranger Bruce Jones and Seasonal Guide Terrance O'Rourke moved visitors off the ship. The lightning bolt struck just as O'Rourke and Jones stepped onto a platform alongside the ship.

"We heard a big boom and I saw an orange flash on the top of the mainmast," Jones recalled. O'Rourke heard "a crack that turned into a boom. My ears popped and I couldn't really hear for a few minutes afterward."

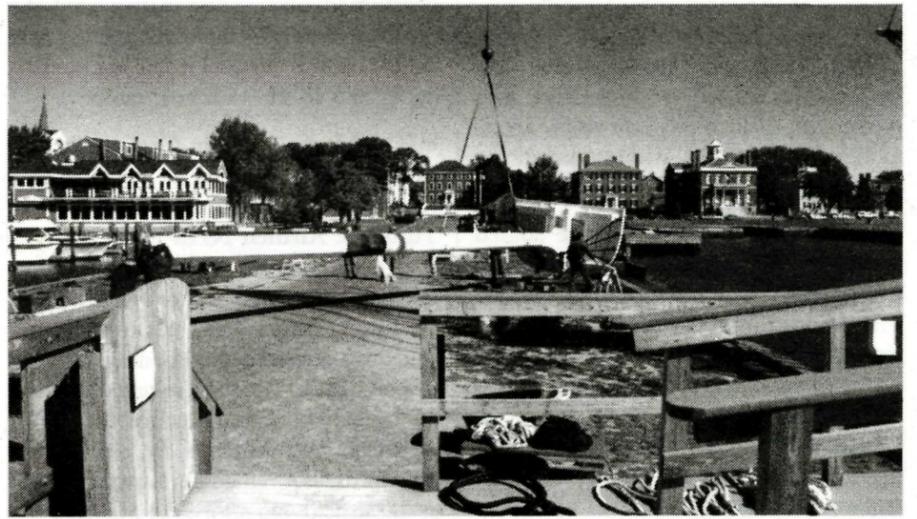
The bolt shot down the mainmast for about 80 feet, then penetrated the deck where Newman and Bumagin were sheltered. "I didn't see anything, but I could feel something, like my hair stood up. And I could smell the ozone the moment it hit," Bumagin said. The smell was like "burnt plastic."

"I saw a tremendous orange flash," Newman added. No one is sure where the bolt went next. It may have gone into some copper piping or spent itself in the hull. "I felt a tremendous sense of relief that I wasn't dead," Newman said.

Newman also felt pride in the rigging that was built. The 120-foot, 8,500-lb. mast remained upright and would stay in place for seven months.

The original masts and the replacement sections were made from Douglas fir at Sentinel Structures, Inc., WI. The masts are wood laminate, made of one-inch by two-inch boards held together with waterproof, resin-based glue. Traditionally, masts were made from a single huge tree, but with laminate construction, smaller pieces can be used. Laminating also makes the masts very strong.

The new mainmast left Sentinel in



The lower section of *Friendship*'s new mast is hoisted off Central Wharf in Salem prior to being hauled aboard the ship. The 59-foot, 6,000-lb. section replaces the mast destroyed by lightning last August.

three long sections. The sections were shipped to the USS *Constitution* Maintenance and Repair Facility at the Charlestown Navy Yard, Boston NHP, where they were rounded and tapered. All the work was done by hand.

Back in Salem, personnel did more trimming and fabricating before the big crane arrived. The lower mainmast section was successfully set in place on May 22, 2002. The second and third sections, the topmast and topgallant were raised in the traditional manner using blacks, hal-yards and the windlass over the course of two weeks with completion on Sept. 17, 2002. The work force for this installation included NPS staff, *Friendship* volunteers, crew from the visiting Massachusetts school ship *Ernestina* and active senior citizens from the Explorer's Institute of Salem State College.

With the replacement mast in place,

NPS workers can now continue with the installation of all remaining rigging and yards. Bruce anticipates that all twelve yards will be in place by December 2002.

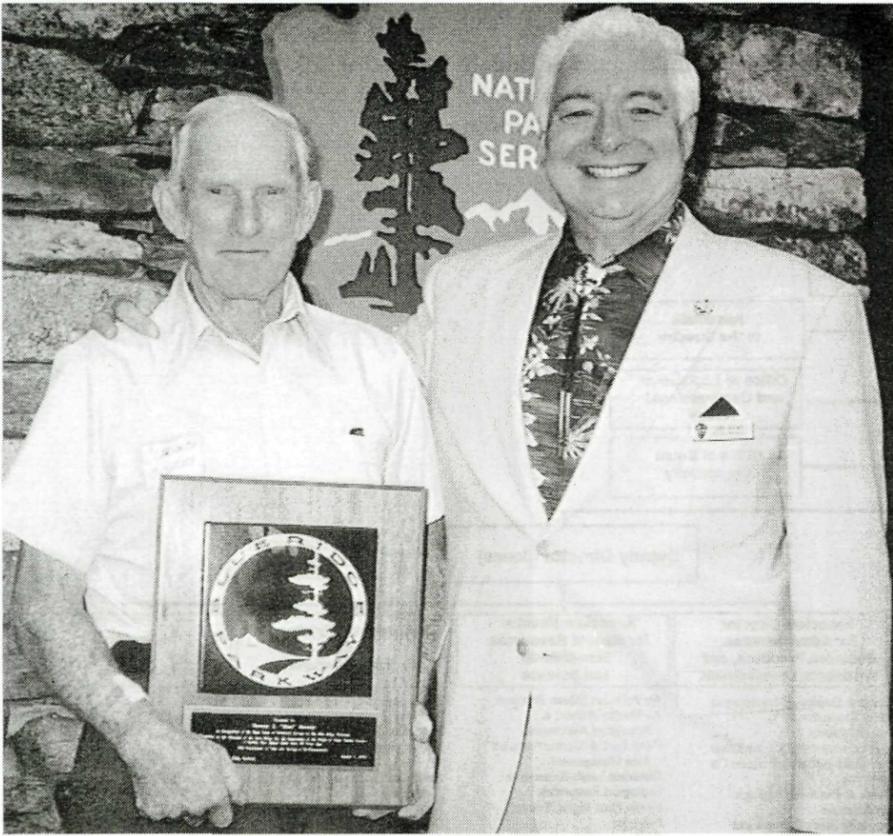
Lightning rods are in place on all three masts. The rods were originally scheduled to go on in August 2001, but the storm arrived first.

When the spars and rigging are complete, *Friendship*'s crew of Park Service employees and volunteers will begin training to take the tall ship to sea under canvas. The ship will represent the NPS and the Essex National Heritage Area, a consortium of municipal, state, federal and private parks promoting the history and culture of a 500-square-mile area that includes Salem.

The damaged mast now lies on the wharf alongside *Friendship*.

Friendship is scheduled for Coast Guard certification sometime in 2003. ■

Kudos and Awards



WHEN CLARENCE MOSELEY BEGAN WORKING AT BLUE RIDGE PARKWAY'S PEAKS OF OTTER, Harry Truman was president and television was a novelty—a rare item found in few American homes. That was in 1950 and though much has changed, one thing hasn't—"Mose" is still on the job at the Peaks. What began as a seasonal job has become a more than five-decade career as the parkway's engineering equipment operator. In recognition of his long service, Supt. Daniel W. Brown (above right) presented Moseley with a ceramic plaque bearing the parkway's logo. The presentation was part of a ceremony marking the conclusion of a nearly \$3 million renovation of Peaks of Otter facilities. Supt. Brown noted Moseley not only worked on many of the new improvements, but also helped build the Peaks' visitor center many decades ago.

- Supt. **Tracy Fortmann**, Fort Vancouver NHS, was awarded "Superintendent of the Year for Cultural Resources Stewardship" for the NPS PW region. This award recognizes her achievements in several areas, all relating to the preservation and interpretation of the history of the Vancouver National Historic Reserve. Above all, the award recognizes her commitment to cooperatively working within the larger context of the historic reserve, improving the park's operations and programs in daily partnership with the city of Vancouver, the U.S. Army Reserve and the Vancouver National Historic Reserve Trust.

- On June 2, **Charles "Dino" Nicholau** received the DOI's Exemplary Act Award in recognition of his outstanding efforts in saving the lives of a family at Yellowstone NP. In July 1998, he saved three family members from carbon monoxide poisoning due to fumes that entered through the rear window of their RV. An investigation revealed the three had been sleeping in the RV for two hours before Nicholau discovered them. Doctors who treated the family confirmed that if Nicholau had not rescued them, they would have died in minutes. "It gives me great pride to see such dedication and fortitude in the NPS. Thanks to Dino's intuition, alertness and quick response, the victims of this incident did not give way to carbon monoxide poisoning," stated Supt. Suzanne Lewis.

- Cultural Anthropologist **Cyd Martin** received the NPS Director's Appleman-Judd Award in June. During the past seven years, Martin championed several innovative projects in northern Alaska. She was accorded this honor because of work she accomplished at Gates of the Arctic NP and PRES and in Yukon-

Charley Rivers N PRES. The award, which recognizes exceptional achievements in the field of cultural resources, is named in honor of NPS Historian and Cultural Resource Park Planner Roy Appleman and NPS Historical Architect Henry Judd. Martin serves as the NPS Regional Native American Liaison at Grand Teton NP.

- The NPS IMR announces the first annual **Franklin G. Smith Award for Excellence in Workforce Development**. This award will be given each year to recognize members of park management teams who have demonstrated exemplary effort in advancing the workforce enhancement goals of the IMR contained in the NPS Workforce Diversity Plan. This prestigious award is sponsored in the name of Franklin G. Smith who passed away several years ago. As the first superintendent at Chamizal NM, Smith promoted recruiting for a new age within the NPS. His endeavors in bringing young Hispanic college students into the Service in the 1970's and 1980's were extraordinary for this time. He personally created opportunities and mentoring for minorities that paved the way for others. Through development of this new award, the IMR recognizes extraordinary park managers and division chiefs and showcases the successes of those individuals who strive to provide a diverse work environment. Workforce enhancement includes furthering Service-wide workforce goals by recruiting, retaining and advancing people who have not traditionally been part of the NPS workforce. Nominations from employees in the IMR are currently in review. The award will be presented at the annual Intermountain Region General Conference in Salt Lake City in November 2002. For more information, contact Bill Gwaltney, assistant director for Workforce

Enhancement at Bill_Gwaltney@nps.gov or (303) 969-2708.

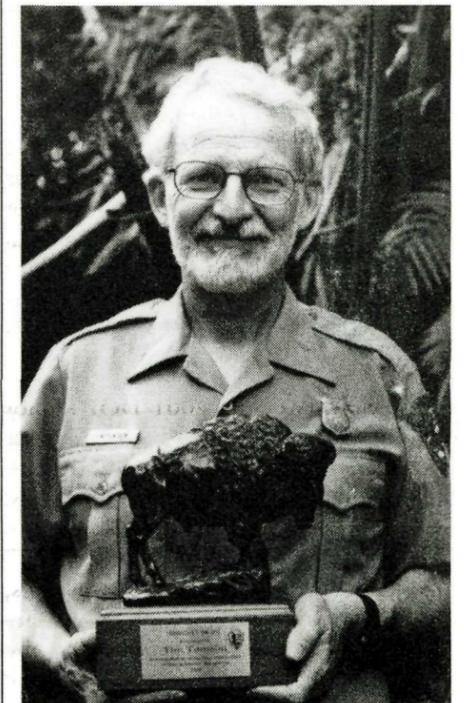
- The National Park Foundation announced the names of the recipients of the Edwin C. Bearss Fellowships in American History and American Studies, and the Advanced Studies Fellowships. Both fellowships were created by the NPF to support NPS employees as they pursue graduate education and advanced studies to increase their knowledge and skills in their fields of expertise. The recipients of the Bearss Fellowships (\$2,500 each) are: **Christine E. Miller**, cultural resource specialist, Natchez Trace PKWY; working on her doctorate in history. **Dava McGahee**, park ranger, San Antonio Missions NHP; pursuing a graduate degree in history. The recipients of the Advanced Studies Fellowships (\$2,500 each) are: **Mona McKindley**, gardener, Frederick Law Olmsted NHS and Longfellow NHS; studying for a certificate in landscape design history. **Ellen Strojan**, park ranger, George Washington MEM PKWY; in the George Washington University Museum Education Program.

- The 2001 Director's Awards for Natural Resource Stewardship for excellence in the field of natural resources have been announced. These awards recognize achievements in protecting the health of ecosystems in the parks. The recipients have developed and strengthened partnerships for the protection of resources. The winners are: Supt. **Donald L. Neubacher**, Point Reyes NS, Director's Award for Superintendent of the Year for Natural Resource Stewardship. **Paul L. Harris**, heavy equipment operator, Redwood NP, Director's Award for Excellence in Natural Resource Stewardship through Maintenance. **Dr. Stanley C. Bond**, archaeologist, Kaloko-Honokohau NHP, Director's Award for Trish Patterson/Student Conservation Association Award for Resource Management in a Small Park. **Wayne G. Brewster**, deputy director of Yellowstone Center for Resources, Yellowstone NP, Director's Award for Natural Resource Management (1st of two recipients). **Robert Allen Johnson**, supervisory hydrologist, Everglades NP, Director's Award for Natural Resource Management (2nd of two recipients). **Dr. Kathy A. Tonnessen**, research coordinator, Rocky Mountains Cooperative Ecosystems Studies Unit, Director's Award for Natural Resource Research. **Dr. Steven G. Fancy**, national monitoring coordinator, NPS Natural Resource Information Division, Director's Award for Professional Excellence

- **Ron Clark**, chief of resource management at Big Cypress N PRES, received the National Parks Conservation Association's (NPCA) National Park Achievement Award for his years of creative, innovative work in oil and gas management and for his effective and uncompromising effort to facilitate federal purchase of much of the privately owned mineral rights in the park. An historic arrangement made earlier this summer effectively enjoins any new oil and gas production in the preserve and provides permanent protection from the risks associated with those activities. "The President of the United States and the governor of Florida hailed this

unprecedented announcement as a major victory," said Mary Munson, NPCA regional director. "It was an accomplishment of national importance." In 2002, Big Cypress N PRES was named to NPCA's list of "America's Ten Most Endangered National Parks" for the fourth consecutive year, in part because of the threats posed by vast private oil-drilling plans.

- In June, the U.S.P.P. held a graduation ceremony for officers who have recently completed K-9 training. The training, initiated by the increased security needs after the events of Sept. 11, was conducted over a ten-week period. The U.S.P.P. officers will be part of an expanded K-9 unit based at the Statue of Liberty and Ellis Island where their specially trained bomb detection dogs will enhance the already tight security.



TIM TUNISON

- **Tim Tunison**, chief of Resources Management at Hawai'i Volcanoes NP, received the 2000 Director's Award for his outstanding contributions in Natural Resource Management. The award recognized Tunison's effectiveness over the past 15 years in restoring native ecosystems ravaged by alien plant infestations. Invasions of broomsedge, fountain grass, banana poka and faya tree—and others—left most ecologists with the belief that restoring native ecosystems in the Hawaiian Islands was a lost cause. But Tunison brought an indefatigable and analytic work ethic to a talented resource management crew. He collaborated with scientists to use his experiments as living laboratories to formulate and test hypotheses about native ecosystems and their vulnerability to alien plant and animal invasions. Tunison discovered and now practices techniques to control some formerly uncontrollable alien plants in the park.

- **Charles H. Klein**, VIP at Fort McHenry NM & HS, received the 2002 Maryland Governor's Volunteer Service Award in April. The award, presented by Lieutenant Governor Kathleen Kennedy Townsend, recognizes the efforts of volunteers who have helped to meet critical needs in the areas of education, public safety, health and human services and the environment. Mr. Klein's award, in the category of

Kudos and Awards



CHARLES KLEIN

arts and culture, recognizes the diversity of tasks he has performed at Fort McHenry over the last ten years. He has assisted the park curator in managing park collections, has been instrumental in raising private funds enabling the park to acquire a rare 1809 French cannon and serves in the park's living history unit—the Fort McHenry Guard.

• Recipients of the 2001 DOI Honor Awards were recognized by Interior Secretary Gail Norton at a September 4 ceremony. Twenty-five individuals, including NPS employees and private citizens, were awarded for their NPS contributions. Two NPS employees, **Kristopher W. Eggle** and **Hakim Farthing**, were among those in the Department who died in the line of duty since October 2000 and were honored during the award ceremony with a moment of silence. Award winners are as follows:

Distinguished Service Award winners were: **Terry R. Carlstrom**—for dedication and outstanding accomplishments in the field of planning and management during his NPS career. **Michael V. Finley**—for leadership in resource preservation and service to the employ-

ees of and visitors to the national parks, and other contributions. **Richard T. Gale**—for outstanding contributions to Department programs. In a career spanning over four decades, Gale emerged as the preeminent wildland fire leader in the NPS, if not in the entire DOI. **Robert J. Kapsch**—for significant accomplishments and innovative leadership in the NPS, especially during his 15-year tenure as chief of the Historic American Buildings Survey and the Historic American Engineering Record. **James L. McDaniel**—for dedication and outstanding accomplishments, which increased the effectiveness of the NPS and for his ten-year tenure as NCR White House Liaison director. **Jerry L. Rogers**—for leadership in developing the Cultural Resources Management programs of the U.S., and other contributions. **Douglas D. Scott**—for outstanding contributions to the NPS in the fields of archeology and history.

Valor Award winners were: **Sean Cox**—for heroic actions performed while assisting the Forest Service during the Great Gulf Fire in the Daniel Boone NF, which resulted in saving a life. **Michael Flynn**—for heroic actions performed while assisting the Forest Service during the Great Gulf Fire in the Daniel Boone NF, which resulted in saving a life. **Lawrence Bova**—for heroic actions performed at Gulf Islands NS, which resulted in the attempted saving of a life. **Mark Carrico**—for heroic actions performed at New River Gorge NR, which resulted in saving three lives. **Blane A. Dolges**—for his willingness to place himself at great personal risk to save another's life in Cuyahoga Valley NP. **Charles W. Mitchem**—for heroic actions performed at New River Gorge NR, which resulted in saving two lives. **Thomas C. Pelling**—for courageous actions in rescuing five children from the dangerous riptide at Pompano Beach, FL. **Karl Schaffenburg**—for willingness to place himself at great personal risk to save the Liberty Bell at Independence NHP from destruction. **Jared B. St. Clair**—for saving three lives at Big Thicket N PRES. **Joseph Storti**—for heroic actions at Gulf Islands NS, which resulted in the attempted saving of a life. **Tony M.**

Thomas—for heroic actions at Gulf Islands NS, which resulted in the attempted saving of a life. **Michael B. Whalen**—for outstanding heroism on the George Washington MEM PKWY.

Conservation Service Award winners were: **Charles H. W. Foster**—for outstanding contributions to and leadership in the creation, preservation and development of Cape Cod NS. **Michael A. Mantell**—for accomplishments in the preservation of natural and cultural resources and establishing partnerships to enable grass roots support for conservation and open space. **Walter H. Rice**—chair of the Dayton Aviation Heritage Commission and **J. Bradford Tillson**—chair of Inventing Flight, for outstanding contributions to the NPS in the establishment of Dayton Aviation Heritage NHP in 1992 and continued support of NPS values and ideals throughout the surrounding Dayton community.

The **Citizen's Award for Bravery** winner is **John McCoy**—for willingness to place himself at risk to save another's life.

The **Unsung Hero Award** winner is **Jonathan Liakos**—for providing exceptional services at Haleakala NP, almost single-handedly running the protection program for the Kipahulu District that receives approximately 650,000 visitors per year.

• **Ken Wild**, park archeologist, Virgin Islands NP, received the 2001 Cotter Award. In 2001, a multi-year project of archeological and supporting studies at Cinnamon Bay, Virgin Islands NP, was guided to conclusion by Wild. The project focused on pre-contact native Taino culture (900-1500 AD) and an early 17th-century plantation village with a slave cemetery. It was the first major scientific excavation in the U.S. Virgin Islands of the native people who met Columbus. Wild's leadership of the Cinnamon Bay project has had a major impact to enhance understanding of Caribbean archeology and local interest in island heritage resources. **The John L. Cotter Award** is an unofficial, non-monetary annual recognition of a park archeological project, which follows the model of excellence set by Dr. Cotter as

a leading NPS archeologist over many decades. The award is made by the community of Service archeologists each year. Further information about the nomination process may be obtained from Roger Kelly, PWR's Oakland Support Office at roger_kelly@nps.gov. Nominations are accepted until Feb. 28, 2003.



SUSAN MICULKA

• **Susan G. Miculka**, a volunteer with the NPS's Trails & Rails program, received the Amtrak's 2002 President's Service and Safety Award. The award is Amtrak's highest honor and recognizes individuals who have made extraordinary contributions to the company and in support of rail passenger service. She has been with the program at Jean Lafitte NHP & PRES since it was first established there in 1994. She has assisted in the development of the partnership between the NPS and Amtrak, continues to serve in various volunteer capacities and works in nearly all phases of the program. There are currently 18 NPS areas presenting 23 programs across the country. Trails & Rails provides educational opportunities for rail passengers that fosters an appreciation of the nation's natural and cultural heritage and promotes NPS areas. ■

Interpreting Our Heritage—Regional Freeman Tilden Award Nominees

The Freeman Tilden Award, sponsored by the NPS and the National Parks Conservation Association is an annual award recognizing outstanding contributions in interpretation by a NPS employee. The award was created in 1982 to stimulate and reward creative thinking and work that results in having positive impacts upon the public. KC DenDooven and Paul Pritchard were the founding fathers of the Freeman Tilden Award. Freeman Tilden provided a philosophical basis for interpretation in his book *Interpreting Our Heritage*. Nominees for this award are judged upon their creativity, originality and positive contributions to enhancing the public's understanding of the NPS and the resources it protects.

The regional nominees are:

Alaska Region: Kristine M. Nemeth, Glacier Bay NP & PRES—Kristine developed "Glacier Bay: Beneath the

Reflections on the Sea" a high definition underwater video of Glacier Bay that takes the viewer on a unique underwater journey. The video provides a tool for distance education and interpretation and an unparalleled opportunity to see below the surface of Glacier Bay's waters.

Intermountain Region: Leslie E. DuBey, Big Thicket N PRES—Leslie researched and developed the Texas Environmental Education Professional Designation System that is used to identify highly trained and motivated environmental educators in Texas.

Midwest Region: Jean Van Tatenhove, Saint Croix NSR—Jean developed the multi-disciplinary education program "Seasons of the St. Croix: A River Stewardship Development Program," which promotes a sense of stewardship in children. Through programming students gain a sense of how important they are for the protection of the Riverway. The

program is also being used as a model for developing programs for other school districts in Wisconsin and Minnesota.

National Capital Region: Anne F. O'Neill, Rock Creek Park—Anne designed and implemented "Reaching Out To Our Neighbors" a multi-lingual program that helps people in the communities bordering Rock Creek Park to make personal connections with their park. The program connects Hispanic and Asian communities to the park through vigorous volunteer recruitment and training and translation of park brochures.

Northeast Region: John Warren, Edison NHS—John created "Who's the Victor?" Edison and the Phonograph," a curriculum-based education program for grades 8-12 that combines science, history, economics and technology studies. The program challenges students to work in teams and to make decisions.

Pacific West Region: Shelton Johnson, Yosemite NP—Shelton created "Shadows in the Range of Light" a program about the Buffalo Soldiers in Yosemite NP that gives voice to the African-American history hidden in many national parks. The Buffalo Soldier program allows people of color to see an untold story of park history.

Southeast Region: Melissa English-Rias, Martin Luther King, Jr. NHS—Melissa lead the partnership that made possible the display of the "Without Sanctuary: Lynching Photography in America" exhibition, which is a multi-faceted interpretive and educational program. The exhibition documents the history of lynching in America from the 1880's to the 1960's.

On Nov. 14, 2002 at the National Association for Interpretation Workshop in Virginia Beach, VA, Director Mainella will present the national award. ■

NPS Friends



Catherine Turton

Conservation of the First Pennsylvania Cavalry Monument at Gettysburg NMP.

Student Field Project

The Monument Research and Preservation Program (MRPP) based in the Philadelphia SO, NER, completed its second annual outdoor sculpture conservation project with advanced students from the University of Delaware Art Conservation Program. Under the direction of Conservator Andrzej Dajnowski, five students completed treatment of two bronze monuments at Gettysburg NMP.

While nearly all of Gettysburg's 400 monuments have been well cared for by the park's monument maintenance staff, a large handful of bronzes had been harmed by an aggressive cleaning campaign undertaken by an outside contractor over 20 years ago. The object of this project is a retreatment aimed at bringing these monuments to a maintainable state that enables them to be included with bronzes that the park already maintains.

Since the project's inception in 2000, eight students have conserved three monuments by removing residual lacquer coatings, applying new chemical patinas and then protecting the newly conserved surfaces with a wax coating. Another project is planned for spring 2003.

CUVA Partners Merge

On July 1, a new friends group for Cuyahoga Valley NP was established, called Cuyahoga Valley National Park Association (CVNPA). This friends

group is built on the merger of the Cuyahoga Valley Association and the Cuyahoga Valley Environmental Education Center (CVEEC).

CVNPA will work to enhance Cuyahoga Valley NP through programs, projects and events. With the formation of this new organization, now is the perfect time to show support for your national park by becoming a CVNPA member. For information about becoming involved call (330) 657-2909.

Donation for Big Bend NP

In May, Big Bend NP's friends group, Friends of Big Bend National Park (FBBNP), elected to fund two projects totaling \$16,300 at their board meeting. These include conducting a Black-capped vireo (an endangered bird species) survey and hiring a seasonal wildlife technician to perform other science and resource management projects involving black bears, peregrine falcons and the endangered *Gambusia* mosquitofish.

In addition, the FBBNP recently contributed an additional \$20,000 and partnered with the World Wildlife Fund to host the first Chihuahuan Desert Symposium. This symposium consists of three workshops for Chihuahuan Desert Protected Area managers representing Maderas del Carmen and Santa Elena Canyon Protected Areas in Mexico and Big Bend Ranch State Park, Black Gap Wildlife Management Area and Big Bend NP in the U.S. Collective efforts involve developing a shared vision for the combined 2.4 million acres of Chihuahuan Desert and establishing a plan to remove and restore areas along the Río Grande that are infested with exotic saltcedar.

Since 1997, the FBBNP has been actively engaged in fundraising for numerous specific park projects. The FBBNP has contributed a total of \$151,164 to the park for science and resource management projects, trails improvement projects, and educational, interpretive and visitor service projects.

Save the Dunes Council Birthday Celebration

Dorothy Buell, with help from two dozen other women, organized the Save the Dunes Council to preserve and protect the Indiana Dunes fifty years ago. On June 15, hundreds celebrated the council's accomplishments.

The celebration included a birthday song and cake for the Save the Dunes Council's 50 years, and a group discussion about the history of the dunes and all of the effort made by the council to help preserve this special landscape.

Oriskany Battlefield/Fort Stanwix NM Partnership

The NPS and New York State Office of Parks, Recreation and Historic Preservation have formed a new partnership at Oriskany Battlefield State Historic Site and Fort Stanwix NM. This partnership is designed to strengthen the efforts of each site in the areas of visitor services, operations, resource management, publicity and partnerships.

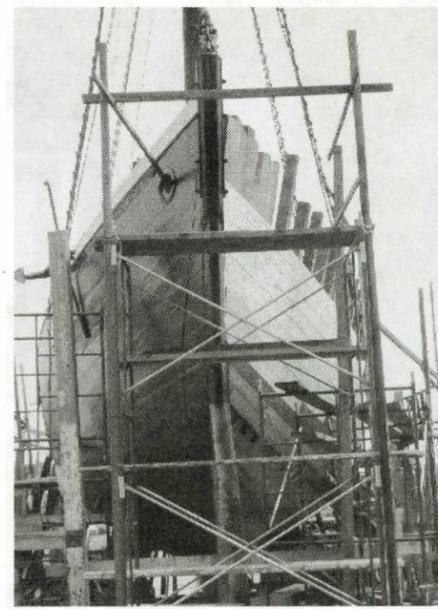
"This is a very important milestone for Oriskany Battlefield and Fort Stanwix National Monument" said Nancy Demyttenaere, site manager at Oriskany. "This agreement solidifies each agency's commitment to work together for the public benefit."

"The NPS is proud to be part of this new partnership," said Fort Stanwix Supt. Mike Caldwell. "By pooling our resources and working together, we can bring about an integrated and more enriching experience for visitors to these important landmarks."

Relaunch of the *Adventure*

The *Adventure*, the last of the great Gloucester, MA fishing schooners, is undergoing a major restoration. Gloucester has been one of the nation's leading fishing centers since its founding in the 17th century, its schooners renowned for their beauty and speed. Soon this New England harbor will see the graceful sails of the *Adventure*, now a Secretary of the Interior designated National Historic Landmark, when it returns to service rededicated as an educational institution.

This two-million-dollar project was supported by the NPS through its regional Challenge Cost Share Program, which offers park units and landmarks an opportunity to undertake critical work on their resources that may not be funded through other means. The federal share ranges from five to 30,000 dollars and must be matched by at least an equal amount. The NPS NE Region supported the *Adventure's* restoration through \$12,500 awarded in 1997 to help with



The fishing schooner *Adventure* undergoing a major restoration.

naval engineering work. The Gloucester *Adventure* Inc. (TGA), the non-profit corporation that owns and manages the vessel, matched these funds two to one.

However, the real value of the NPS funding was much greater. According to Dr. Martin Krugman, president of TGA, the federal assistance was the first outside funding support that the project received and served to give the small non-profit group credibility and recognition, which it used to gain much greater support from the state and private foundations. Krugman, who has volunteered over 1,000 hours a year for the past seven years in order to make this project happen, credits the recognition offered by National Historic Landmark designation and the Challenge Cost Share Program as critical foundation blocks in the effort to preserve the vessel.

From the federal government's point of view, TGA and Krugman are the real heroes. This non-profit partner has managed to undertake the preservation of a national treasure. They have raised over \$1.3 million and have met the challenges of a difficult restoration with the highest possible standards. Overseeing the work is master boat builder Hermann Hinrichsen, a Dane who trained under his father. This use of Challenge Cost Share Program funds has done precisely what it is intended to do by supporting a small, but courageous partner in undertaking the preservation of an important resource. ■

NPS Family

Supt. **Gerard Baker**, Lewis and Clark NHT underwent five coronary artery bypass procedures in June. He has fully recovered and returned to work on Aug. 12. Gerard is very proud of his staff for taking such good care of everything in his absence.

Jim Perry and his family and **Linda Martin**, lost their homes to the Long Mesa Fire of 2002. Jim is Mesa Verde NP's plumber. Linda is an interpretive ranger in the park. To assist them, a fund has been established. Checks or money orders may be made payable to Mesa Verde Museum Association, Mesa Verde Family Fund, and sent to the association at P.O. Box 8, Mesa Verde NP, CO

80330. Donations will be shared with each family, or you can direct a donation to either individual by including their name. Contact Patty Trap or Elaine Simo at (970) 564-1626 with questions.

Steve and Katie Sullivan, permits program manager and park ranger/naturalist at Grand Canyon NP, announce the birth of their first son, Nathaniel Quentin Sullivan, born May 17.

Firefighter **Carly Pearson**, 26, Great Smoky Mountains NP, sustained a serious back injury while on assignment to a fire in August. She underwent surgery and is recuperating. She was dispatched to Umpqua NF to help suppress a major

fire and fell onto a rocky riverbank. She was transported to a medical center in Medford, OR, where she underwent extensive back surgery to support three fractured vertebrae. A fund has been set up to collect contributions for Carly at Great Smoky Mountains, c/o Leon Konz, fire management officer, 107 Park Headquarters Road, Gatlinburg, TN 37738. Make checks payable to the Great Smoky Mountains Employee Association. Call Leon with questions at (865) 436-1247.

Larry Johnson, Mammoth Cave NP manager, and wife Laura, welcomed a baby boy, Noah, on Feb. 20. ■

Send us your stuff! We welcome news and photos about yourself and our NPS family members. See page 16 for mailing and telephone information.

E&AA welcomes the following new members:

Dale Antonich, Michele Aubry, Allen Brookshire, Leonard Emerson, Tim Glass, Sue Ann Hackett, Michey Hamilton, Shirley Harding, Debra Herink, Phelma Jacobsen, Betty Janes, Loren Littlefield, Fran Mainella, Michele McDaniel, Sue Consolo Murphy, Brian Olson, David Patterson, William Reid, Ruth Sawyer, Pete Schula, Phyllis Shaw, James Sherald, Jayeson Vance, Elizabeth Wolfe and Joseph Zagorski.

Class of 2002

Duane L. Alire, special projects manager, ISO, Santa Fe, Sept. 2 after 31 years of service.

Dave Asbury, motor vehicle operator, Carlsbad Caverns NP, June 19.

Melville Bradford, private, U.S.P.P., Aug. 3 after 32 years of service.

Edward Brosnahan, private, U.S.P.P., Aug. 10 after 28 years of service.

Bruce Burdick, sergeant, U.S.P.P., June 30 after 30 years of service.

Shirley H. Caniford, chief, Office of Human Resources, Harpers Ferry Center, March 2 after 37 years of federal service beginning with the U.S. Department of Army in 1965. She began her NPS career at the Harpers Ferry Job Corps Civilian Conservation Center. In 1968 she accepted a position with the Stephen T. Mather Training Center. In 1970 she helped open the new Harpers Ferry Interpretive Design Center and from then until her retirement moved through several offices. For the past 16 years she served as chief of the Office of Human Resources. Shirley continues to reside in the Harpers Ferry area and plans to renovate home and do some writing.

John R. Cates, maintenance supervisor, Yellowstone NP, May 31. Since 1972 he spent most of his career taking care of the Mammoth headquarters, school grounds and campgrounds.

Ramon A. Cintron, supervisory contract specialist, ISO, Santa Fe, July 3 after 35 years of service.

Joseph Cox, lieutenant, U.S.P.P., June 30 after 22 years of service.

Richard W. "Tim" Fox, facility manager, Harpers Ferry NHP, June 30 after 40 years of service. After a stint in the U.S. Army, Tim began his Park Service career as a tree worker at NCP-Central in Washington, D.C. He moved to the George Washington MEM PKWY as tree maintenance foreman then to Harpers Ferry NHP in 1979. Over the past 22 years, Tim has seen the responsibilities and complexities of his job increase. He handled tough jobs such as flood clean-up following the devastating 1985 flood and the unprecedented two "100-year" floods in 1996. Tim led a maintenance team that achieved outstanding results putting the park back in order. Tim resides with his wife in Woodsboro, MD.

Bruce L. Freet, chief of resource management at North Cascades NPS Complex, and E&AA life member, Aug. 2 after 32 years of service. He began his career in 1967 working as a seasonal park ranger in Yellowstone NP. His only break in NPS service occurred between 1969 and 1971 when he was a Peace Corps Volunteer on the island of Borneo in Sarawak, Malaysia. His first permanent NPS assignment was at Scotty's Castle in Death Valley NP. Bruce also worked at Cabrillo NM, Glen Canyon NRA, Wind Cave NP, Big Cypress NP and Great Basin NP. He returned to Yellowstone for six weeks during the 1988 wildfires and served as a fire behavior analyst for the Greater Yellowstone Fire Complex. Bruce and his wife, June, will remain in Mount Vernon, WA until she retires. Until then, Bruce will work as a consult-

ant and on his hobbies of fly-fishing, photography, woodworking, gardening and genealogy.

Joseph Green, detective, U.S.P.P., June 29 after 28 years of service.

Daniel Heckimovic, detective, U.S.P.P., June 30 after 29 years of service.



MARY HERBER

Mary Herber, associate manager, Harpers Ferry Center—Exhibits, April 1 after 34 years of federal service. She joined the NPS—Branch of Museum Production, as an exhibit specialist (Graphics) in March 1970. She was the first woman assigned as an exhibits specialist at Harpers Ferry Center. In 1976 she transferred to the Project Management Unit of the Museum Production Division. In 1981 she became a supervisor in the Division of Museum Production and in 1986 she became division chief. In 1993 the Divisions of Museum Production and Planning were merged and Mary became the associate manager, HFC Exhibits.

Richard A. Hitchcock, chief petty officer, U.S.P.P., May 31. He was in the U.S. Coast Guard from 1942 to 1966 and in the U.S.P.P. from 1966 to 2002 for a total of 60 years of government service.

Ernest Hoeningmann, detective, U.S.P.P., July 27 after 30 years of service.

Hugh Irwin, major, U.S.P.P., June 8 after 31 years of service.

Zachary T. Kirkland, Jr., park ranger, Cumberland Island NS, Aug. 24 after 39 years of service.

Albert A. Loftin, supervisory community planner, George Washington MEM PKWY, July 31 after 17 years.

Marilyn Longerbeam, personnel management specialist, Office of Human Resources, Harpers Ferry Center, May 3 after 39 years. She began in 1963 as a GS-4 clerk-stenographer with the U.S. Air Force at the Pentagon. In 1967, she transferred to the Office of Assistant to the Secretary (Atomic Energy) and chairman, Military Liaison Committee, Office of the Executive Secretary, Technical Division. In 1967, she became secretary to the chief, Program Planning and Feed Materials Branch, Division of Production, U.S. Atomic Energy Commission. Marilyn's career with the NPS began in 1970 when she became secretary to Boyd Evison, chief, Division of Environmental Projects. Following that assignment, she

served as secretary to Administrative Officer Ralph Roan, later transferring to the Personnel Office where she worked until her retirement.

John Lounsbury, Lake District park ranger, Yellowstone NP, in September after 35 years. With a bachelor's degree in literature and philosophy and two seasons of seasonal work for the U.S.D.A. Forest Service, he chose to become a park ranger at Sequoia NP. This was followed by assignments in the Everglades, Great Smoky Mountains, Olympic, then to Yellowstone for 22 years. John plans to ride horses, ski and pursue woodworking and history after he and Lois move to McAllister, MT.

Myrna C. Maffett, park ranger, Ninety Six NHS, Aug. 30 after nine years.

Walter J. Morey, park ranger, July 1 after 38 years of service. Walter began his park career in 1964 at Cape Cod NS. He was a protection ranger and served his last eight years in interpretation at Cape Cod.

Frank Neal, electrician, Carlsbad Caverns NP, July 31 after 17 years.

Priscilla S. Palmer, computer specialist, SE Archeological Center, July 31 after 33 years of service.

Peter Pellegrino, major, U.S.P.P., July 13 after 30 years of service.

Ronald "Pete" G. Peterson, maintenance worker, Lake Meredith NRA, May 4 after 29 years of service.

Walter F. Pippen, plumber, Virgin Islands NP, Sept. 11 after 11 years.

Gordon Reetz, environmental protection specialist, Pacific Great Basin Support Office, July 3 after 32 years.



JOHN REYNOLDS

John Reynolds, director, Pacific West Region, Aug. 3 after 39 years. He has served the NPS since the age of 18, when he began his seasonal job as a "blister rust" laborer in Yellowstone NP. While earning degrees in landscape architecture from Iowa State and Syracuse Universities he worked summers in parks and design offices. After graduation, permanent assignments as a landscape architect, planner of long-range developments and reams of guidelines and management documents followed. They were system-wide in natural, historic and recreation areas requiring moves—CA, PA, CO, WA, WASO. Along the way his planning abilities required him to work in parks, with park

people, visitors, partners and outside interests—experiences which underscored the need for sustainability. From a career in planning and design work he evolved into a new mission of park management. Interspersed were nine foreign assignments, and honors from the American Society of Landscape Architects, The American Society of Parks and Recreation, and DOI's Meritorious and Distinguished Service Awards.

Gregory Ryan, private, U.S.P.P., June 30 after 26 years of service.

Robert L. "Robbie" Sampsell II, park ranger (law enforcement), Harpers Ferry NHP, July 31 after over 27 years of service. Robbie began his NPS career as a temporary park aid at Shenandoah NP in 1974, becoming permanent in 1977. He worked at Assateague Island NS before moving to Harpers Ferry NHP in 1993. During his career, Robbie utilized his boating expertise to enforce waterfowl hunting regulations and conducted vegetation surveys at Assateague. At Harpers Ferry, river rescue became his focus and as boating instructor, he certified other rangers in safe boating operation. He volunteered during off-duty hours presenting historic blacksmith demonstrations. Robbie resides in Jefferson County, WV with his wife, Sera.

Frank Sher, sergeant, U.S.P.P., June 29 after 40 years of service.

Wilderness District Ranger, **Galen Stark**, North Cascades NP, June 3 after 25 years of service. Galen and his wife Lynn Arthur and family plan to relocate to Puyallup, WA.

William G. Thomas, superintendent, San Francisco Maritime NHP, Aug. 31 after 33 years of service. With a bachelor's degree in journalism from the University of CA, Berkley, he spent two years in the infantry before his first NPS assignment to Golden Gate NRA in 1978. In 1989 he was appointed superintendent of San Francisco Maritime.

Emily Troxell, park ranger, Cabrillo NM, Aug. 31 after seven years.

E&AA Life Member **Bruce Weber**, Aug. 31 after over 33 years of service. Bruce earned his master's and Ph.D. from Colorado State University, before spending three years in the Peace Corps assigned as park superintendent of Mt. Kinabalu, Sabah, Malaysia. Then he and his wife Kathy worked with the International Union for the Conservation of Nature in Morges, Switzerland, as executives for national parks. Bruce worked as a park naturalist and interpreter at numerous areas including Glacier, Crater Lake, Gateway, Cape Lookout and Isle Royale and for the past decade served as the outdoor recreation planner at DeSoto National Wildlife Refuge. Bruce and Kathy plan to continue to reside in Blair, NE for the immediate future. Friends may reach them at 120 Squires Place, Blair, NE 68008.

Richard Walls, private, U.S.P.P., Aug. 12 after 31 years of service.

Jeffrey Weisenburger, detective, U.S.P.P., June 30 after 27 years.

Lawrence E. Wilson, Jr., youth activities supervisor, Harpers Ferry Civilian Conservation Job Corps Center, after 36 years. ■

National Park Women 1952 - 2002

By *Thelma Warnock, past editor of The Breeze*

Greetings E&AA! Doug and I were disappointed that we could not attend this year's great gathering of our park family. It is not health, but rather scheduling that has not worked out for us. We remember so fondly the previous superb fun and fellowship and WE are the ones who missed it all.

Phel Jacobsen reminded me that this would be the National Park Women's 50th anniversary. Chet Harris called me to give some details of our group. This beginning of the women's organization was before my time. We have it all very well documented that it was former Director Connie Wirth that requested the help of the women at a national superintendents' conference at Great Smokies in 1952 to give ideas and suggestions for the new park housing to be constructed from 1956-1966...the Mission 66 Project!

In those days wives accompanied their superintendent-husbands to conferences. Those present all agreed to organize by regions and to begin the thought processes and brain storming for housing needs across the various sections of the country. Further meetings were held at regional conferences and the ladies' plans were finalized.

The women decided to continue the organization by meeting at superintendent conferences when they would have

their own sessions to discuss pertinent topics and undertakings. Bylaws were adopted to have national officers rotating clockwise by regions for each office held for two years by an elected regional chairman. The name was shortened from National Park Service Women's Organization to National Park Women (NPW) and a logo was selected. Reports were sent out after meetings by the leaders. The main focus was fund raising to support and promote the Educational Loan Fund. It got a good start. We also addressed such problems as the requirement to vacate government housing when the working park spouse dies...as the house goes with the job. The great expense and trauma for a widow and family to move "somewhere" when there was not a home was deemed very difficult. This was determined to be a local matter at the discretion of the superintendent. We also had a column in the NPS *Courier* for several years and at our height, every regional women's group had its own newsletter for spreading the news. The national newsletter of the NPW continued for more than ten years. Called *The Breeze* until it, too, lost support and purpose. For our 40th anniversary I edited and compiled an anecdotal storybook by park women about park living.

As the NPS changed, it really affected our organization. It began when so many wives went to work. Many superintendent positions were filled with



Bill Clark

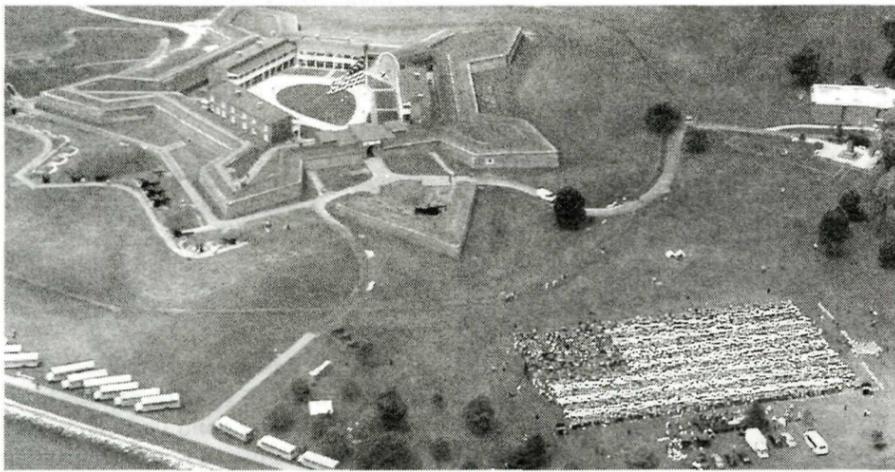
AT THE LAST "NATIONAL" CONFERENCE IN WASHINGTON, D.C. IN DEC. 1982, meeting with Director Dickenson. Pictured left to right: back row; Carolyn Miller, PNWR rep.; Jackie Rapier, MWR rep.; Susan Chapman, Alaska rep.; Gene Scovill, NCR and WASO rep. and Nancy Dayton, SWR rep. Pictured left to right: seated; Barbara Godbolt, national treasurer and RMR rep.; Mary Elms, national chairperson and MAR rep. and Barbara Evison, national secretary and WR rep.

women resulting in fewer wives to join and support our group. Some park areas continued with their local groups to welcome new employees, to make them feel connected and at home. Now it is the E&AA that is THE great means of perpetuating the FAMILY we all have felt connected to through the years. Let's try to keep it going as long as we

can. Encourage friends from everywhere to attend reunions as they can.

What is the rest of the story? While this year marks the 50th anniversary, this one-time national organization, no longer exists. Rumor has it that at the Vail agenda meeting a few wives did get together. Can you help identify the last president or meeting? ■

Schoolchildren Create "Living Flag" at Fort McHenry National Monument



Gene Tower

AN OVERHEAD VIEW OF THE CHILDREN creating the "Living Flag" beside Fort McHenry NM & HS

By *Charles Strickfaden, chief ranger, Fort McHenry NM & HS*

On May 21, the annual Living American Flag event, sponsored by the National Flag Day Foundation, took place at Fort McHenry NM & HS. This event recreates the first Living Flag in 1914, which commemorated the centennial of the Battle of Baltimore in 1814. The human flag, created with colored placards held over the heads of over 4,000 schoolchildren, has been an annual event at Fort McHenry since 1983. The National Flag Day Foundation is located in Baltimore and is a close park partner. Their mission is to appreciate and focus on flag-related activities. They can be found at www.flagday.org.

Park staff and Flag Day Foundation volunteers start their day early on Living Flag day to get the area ready for the schoolchildren. The field is marked with the lines of the giant flag and col-

ored cardboard is placed in stacks for distribution. All year long these students have been studying Fort McHenry, Francis Scott Key, the *National Anthem*, Mary Pickersgill and the 30' x 42' flag that flew over the fort on Sept. 14, 1814 and looking forward to being a part of this event. In fact, teachers, former students and parents come back year-after-year and remark about how memorable this day was for them when they were in school.

The children were greeted by historic characters, led to their place in the flag, treated to music and listened to speeches by Supt. Laura Joss and local dignitaries. After a few practices, the group rose up—each person with a placard over their heads. A volunteer flying in a plane overhead always takes several photographs and the event concludes. The students left with patriotic memories, photographs and a vow to return next year! ■

Freedom's Journey: The Declaration of Independence visits Jimmy Carter NHS

By *Pat Aultman, park ranger, Jimmy Carter NHS*

During this year's National Park Week, an exhibit featuring an original 1776 Dunlap broadside of the Declaration of Independence offered an unsurpassed opportunity to experience the words of our forefathers at the Jimmy Carter NHS. Visitors and regional students were awakened to the powerful story of our nation's quest for freedom through various presentations and interpretive offerings. Even former President Jimmy Carter and First Lady Rosalynn Carter came to the Plains High School Museum/Visitor Center to take part in this special event. "The Declaration of Independence signaled the establishment of a government flexible enough to accommodate the changing will of its people," said Jimmy Carter. The events of the day depicted

how the Declaration has inspired generations around the globe to sacrifice everything for life, liberty and the pursuit of happiness in a free society.

The document's availability was made possible as a part of the non-profit, non-partisan Declaration of Independence Road Trip. The project's mission is to bring the "People's Document" directly to the American people—especially young people—to inspire them to see citizenship as an opportunity, to participate in civic life and to exercise their rights...above all, to vote.

Only 25 copies of the Dunlap broadside have survived. Twenty-four of them rest in museums and private collections. Only one has started the journey across the country in the grand adventure called The Declaration of Independence Road Trip. For more information, visit www.IndependenceRoadTrip.org. ■



Fred Sanchez

JIMMY AND ROSALYNN CARTER and visitors observe a demonstration of weapons of the Revolutionary War during National Park Week at Jimmy Carter NHS.

Frontier Family Visits Homestead National Monument of America

By B.T. Arrington, historian,
Homestead NM of America

Every day the staff of Homestead National Monument of America tells visitors about the difficulties experienced by sod-busting pioneers on the Great Plains. The monument, located in Beatrice, NE, is the site of an original 160-acre homestead that was claimed on Jan. 1, 1863, the first day of the Homestead Act's validity. The Freeman farm is now recognized as one of the very first of what would eventually become approximately two million individual homestead claims filed throughout the life of the Act (1863-1986). However, such an important and historic resource could not provide the staff with first-person accounts of homesteading life. It could not present to its visitors the experiences of those who had actually lived the life of a 19th-century homesteader.

That changed during the monument's 25th annual Homestead Days event, June 13 through 16. In addition to traditional arts and crafts demonstrators and American Indian dancers, the monument hosted the Gordon Clune family of Malibu, CA. They were featured in the PBS series *Frontier House*. PBS chose three 21st-century families to live five months in the wilds of Montana as 1883 homesteaders. They built their own homes and plowed their own fields as homesteaders did over a century ago. The families' failures, successes and daily experiences on the frontier were recorded and premiered on PBS in April 2002.

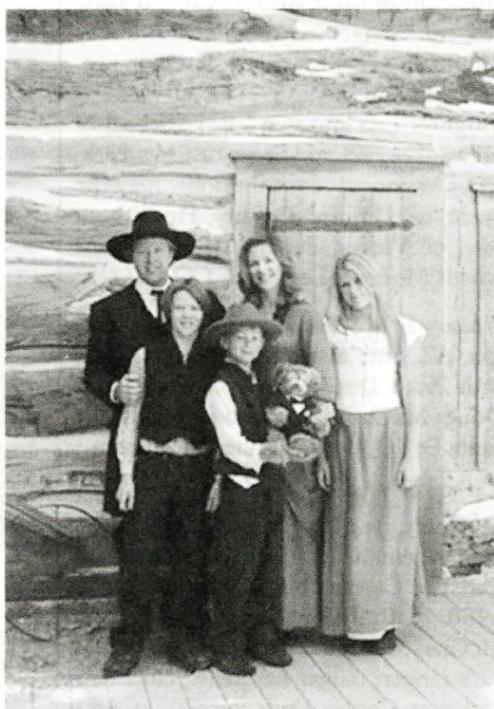
Gordon and Adrienne Clune and their children: Aine, 16, Justin, 12 and Conor, 10, volunteered at the park speaking to visitors throughout the weekend, as well as giving two formal presentations. They answered numerous questions about their experiences and drew over 1,000 people to the Homestead Days celebration.

It was Supt. Mark Engler's idea to invite the Clunes. "What better place for the families of *Frontier House* to talk about their lives as homesteaders than the national park dedicated to the history of homesteading?" said Engler. When he

inquired whether any of the three families featured on the show were interested in a trip to the monument, the Clunes were quick to respond. "Having the Clunes here was a wonderful opportunity to share their hardships and joys of pioneer life with visitors," added Engler. "To have people here that have experienced pioneer lifestyle is rare indeed. Most of the history our staff interprets is found in primary sources like the journals of 19th-century homesteaders. As great as those resources are, they cannot compare to having people here to give a better picture of daily life on the American frontier."

"We were pleased and honored to be invited to Homestead Days," said Gordon Clune. "Our family's *Frontier House* experience was difficult and challenging, but we wouldn't change it for anything. It brought us closer together as a family and also gave us a whole new respect and appreciation for what those that came before us experienced. To us, our homesteading ancestors are heroes." Clune also mentioned that though the life was difficult, every day gave him a sense of accomplishment. "In the modern world, providing for your family often means nothing more than bringing home a paycheck. As homesteaders, though, providing for my family meant so much more: growing our food, putting a roof over our heads. Out there, you have to provide in every sense of the word. You'd be surprised how much building an outhouse improved our quality of life out there," he joked.

Adrienne Clune paid tribute to all the women who journeyed west noting the difficult challenges they faced on the frontier. "I think the women who came west to homestead were every bit as heroic as the men," she said. She also mentioned how upset she was at initially learning that despite the fact that their lives would be recorded for television, she would not be permitted to wear any type of make-up. "I was so



The Clune family in front of the Palmer-Epard cabin at Homestead National Monument of America during "Homestead Days." The family were featured in the PBS documentary *Frontier House*, in which a 21st-century family are sent to the frontier to live and experience the life of 19th-century homesteaders.

upset by that because I had always worn make-up every day," she said. "But I realized later how unimportant that was, and how I was way too dependent on cosmetics in my 21st-century life."

All of the Clune children also fondly recalled their time in Montana. When asked if they would like to re-live the experience, Aine Clune responded, "Yes, but not for five months." The answer drew laughs from the crowd. Justin and Conor Clune both agreed that they would happily go back to the wilderness, but not with a production crew there to film their every moment. "I wish I could have hunted and fished more, too," added Conor.

The Homestead staff reports that hosting the Clune family has helped them add an important piece to the puzzle of interpreting and researching the daily lives of homesteaders on the American frontier. ■

Hawai'i Volcanoes NP Has Some "Shocking" Good News

By Mardie Lane, park ranger, Hawai'i Volcanoes NP

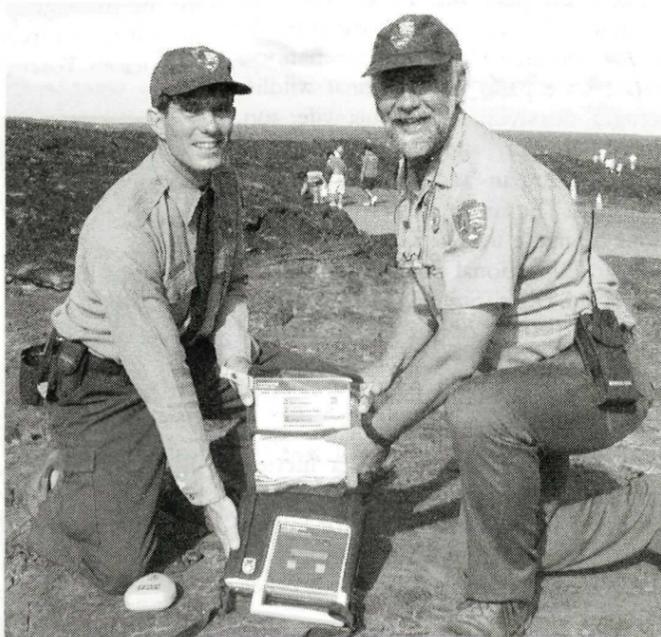
On July 21, Leonard Nagel, 67, of California parked his car at the end of the Chain of Craters Road in Hawai'i Volcanoes NP and started walking through thick volcanic fumes towards the ocean entry lava flow. He didn't make it very far before he collapsed and slumped to the ground.

Two park visitors, a nurse and doctor, happened by. They frantically attempted to revive Nagel who had stopped breathing. Nagel had a history of heart problems and underwent a quadruple bypass in 1999.

Fortunately, park rangers Rob Ely and David Oien arrived soon after with a portable defibrillator. Ely applied the electrodes to the unconscious man's chest and the battery-powered device delivered three powerful jolts. Nagel's heart responded and began to beat with a regular rhythm.

The automated external defibrillator, or AED, saves lives. In sudden cardiac arrest, the heart lapses into a chaotic, useless rhythm (called ventricular fibrillation) and stops pumping blood. A heart in ventricular fibrillation must be shocked back into a normal rhythm, or the person will usually die.

This is the first time on the Big Island that a heart attack victim has been revived with an AED. The unit's \$3,000 purchase price is money well spent. Hawai'i Volcanoes has three units. The goal is to have an AED in every patrol car and visitor contact station. ■



PICTURED LEFT TO RIGHT: HAWAII VOLCANOES NP park rangers Rob Ely and David Oien with the portable defibrillator that saved the life of Leonard Nagel, a visitor to the park.

E&AA Benefactors

The following donations were received this quarter. Thank you for your support.

Anonymous
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Silent Auction: SE Reg. Admin. Officers' Conference

Raffles:
Chief Rangers' Conference
Midwest Managers' Conference

Kowski Memorial Golf Tournament

In celebration of retirement:
Janet Wolf

In celebration of retirement:
Bob Huggins

In honor of Frederick R. Brueck: Anonymous

In honor of George B. Hartzog, Jr.: KC DenDooven

In memory of Gilbert W. Calhoun: Gene Calhoun

In memory of Ed Alberts:
Richard Beidleman

In memory of Harry Grafe:
Levi Crocker

In memory of Bob Deskins:
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In memory of Lloyd Seasholtz:
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In memory of Jetty Muehlenhaupt: Gus Muehlenhaupt

In memory of Dwight Hamilton: Richard Beidleman

In memory of Lee and Lucile Sneddon: Al and Hazel Rector

In memory of Paul F. McCrary, Jr.: Nancy Carson, Ann Foster, Charles and Ramelle Jensen, Richard Thomas, Jr.

In memory of Evelyn Carlson:
William Fink

In memory of Elmer Hatter:
Carl Walden, Jr.

continued on back page

Requiescat in Pace

Stephen Phipps Bourne, 71, July 30, at his home in Elk Creek, VA, who for more than two decades educated and entertained visitors to the Blue Ridge Parkway's Mabry Mill. "Festus," as he was better known, began his long career as a seasonal ranger in 1968, working as a blacksmith. He grew up on, and for many years continued to work, the family farm his ancestors had purchased in the mountains of southwest VA 200 years ago. He continued his seasonal work at the Blue Ridge PKWY until 1996 and, for several years thereafter, volunteered. His widow Geneva and daughter Tildy live at the family home in Elk Creek. Condolences may be sent to them at 3177 Hines Branch Road, Elk Creek, VA 24326.

Mrs. Virginia B. Childs, 95, Jan. 23, at the Good Samaritan Nursing Home, Idaho Falls, ID. She was the widow of Frank Childs, former MWR forester. She was a volunteer at Heard Indian Museum in Phoenix for 20 years. Survivors include sons, Frank W. (Mariann) Childs III of Idaho Falls and William H. Childs of Denver, CO and their families.

E&AA Life member, **Marjorie "Marge" Ann Engebretson Foy**, 79, June 14, in Kingman, AZ. She is survived by her husband Edward W. "Babe" Foy; two sons, Edward Foy of Sandpoint, ID and Brent (Patty) Foy of Seligman, AZ; and one daughter, Marilyn (Jay) Jemison of Golden Valley, AZ. Marge was born in San Francisco and attended U.C.L.A. She served in the U.S. Navy Intelligence in Washington, D.C. during WWII, breaking Japanese codes. After the war she moved to Castle Valley, UT and later to Moab. She worked 17 years for the NPS as secretary to the superintendent of Canyonlands NP, Arches NP and Natural Bridges NM. After retirement, Babe and Marge traveled and snowbirded.

Richard "Dick" Kleber, Sr., 74, June 29 at Mariner Health in MA. Dick was a naturalist, a former broadcaster and a museum founder, director and consultant for many years before retiring. From 1991 to 2000, he served as one of the first five park rangers for Blackstone River Valley NHC of Rhode Island. He leaves three sons; Richard T. Kleber, Jr. of Norwell, MA; Ronald T. Kleber of South Dartmouth, MA and Russell T. Kleber of Westport, MA; four daughters, Gail L. Zbikowski and Donna L. Kleber, both of Worcester, MA; Dianne M. Paradis of Carpinteria, CA and Katrina A. Strozik of Westport.

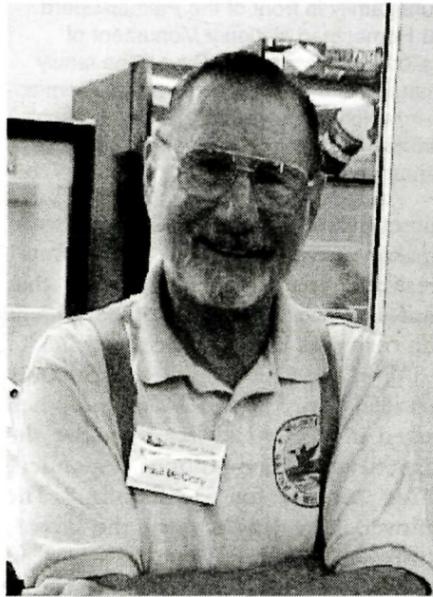
Charlotte Lockwood, Aug. 26, in Bozeman, MT, wife of deceased Clyde Lockwood (Jan. '01). Charlotte was a brave victim of muscular dystrophy, which confined her to a wheelchair. However, after Clyde's retirement they continued to live in their home in Polson, MT, until she entered a nursing home in Big Fork, MT. They attended the 1999 E&AA reunion dinner held in Tacoma, WA. Survivors include two daughters, Laura Asbell of Bozeman and Luann Lockwood of Seattle, WA.

Fred "Marti" Martischang, 90, Sept. 12, in Loveland, CO. Marti served in the NPS from 1947 to 1974. He began as a park ranger at Yosemite NP. Subsequently, he was assigned to super-

intendent of Muir Woods NM and assistant chief ranger in Yosemite and Rocky Mountain NPs. Marti's wife Olive predeceased him in 1965. He is survived by daughter Lisa and two sons; Michael of Milwaukee, WI and Steve of Estes Park, CO. Memorial contributions may be made to Larimer County Hospice in care of Viegut Funeral Home, 2893 North Monroe, Loveland, CO 80538.

Mary F. McChristian, July 20, in Tucson, AZ, after a struggle of several years with Pick's Disease. She was the wife of Doug McChristian, historian with the Santa Fe SO, duty-stationed in Tucson.

E&AA Life Member **Paul Forest McCrary, Jr.**, 76, June 23, of cancer. Paul began his 35-year NPS career at Carlsbad Caverns NP as a park guide in 1950 with his former wife Jane McCrary. His career rose from guide to park ranger; ranger naturalist; chief naturalist at Coulee Dam Recreation Area

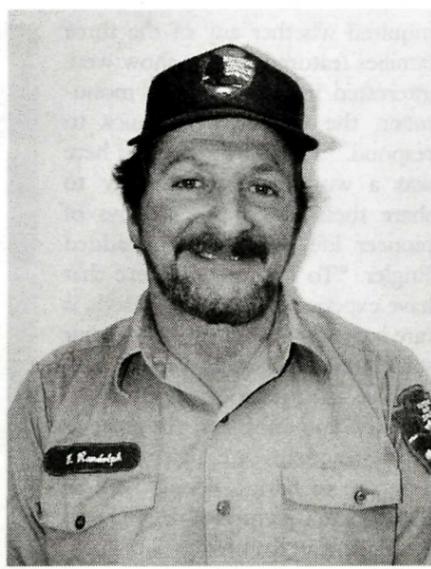


PAUL FOREST MCCRARY, JR.

(renamed Lake Roosevelt NRA in 1997); interpretive planner at MWRO; regional chief naturalist at the SERO; superintendent of Cumberland Island NS; assistant superintendent at Cape Hatteras NS and other posts along the way. He retired in 1985 as superintendent of Vicksburg NMP. To say that Paul retired is somewhat misleading as he married Patti Sue (Thomas) Foil in 1987, while managing the RV Park at Lajitas, TX near Big Bend NP. They became "RV full-timers" traveling to many volunteer jobs in the national parks, state parks and national wildlife refuges. Survivors include his wife; son, Forest (Lynn); and daughters, Paula McCrary Annan and Janette McCrary Koushan. The family requests that donations be made to The George B. Hartzog, Jr. Educational Loan Program, 470 Maryland Drive, Suite 1, Fort Washington, PA 19034, or the American Red Cross. Condolences may be sent to: Patti Sue McCrary and family, P.O. Box 2953, Gulf Shores, AL 36547-2953.

Louise Murray, Aug. 4, a lifetime resident of Arlington, VA. She worked for many years as a secretary for Hillary Tolson and Monty Montgomery in WASO. She is survived by her brother, H. Paul Murray.

New River Gorge NR roads and trails supervisor, **Roger Lee Randolph**, 54, Aug. 3, was killed in a tractor rollover accident on his farm. Roger was a life-



ROGER LEE RANDOLPH

long resident of Fayetteville, WV. He began his career at New River Gorge in 1990 as a maintenance worker, becoming roads and trails supervisor in 2001. Roger was a decorated Vietnam veteran, receiving the Bronze Star and Bronze Star with Valor medals. He is survived by his wife Patricia and three sons; Christopher L. and Jason A., at home and Stephen Potter of Weston, WV. Contributions to a memorial fund in Roger's name may be sent to: Roger L. Randolph Memorial Fund, Bank One, Oak Hill, WV 25901.

Parker Ritter, March 29. Parker retired from Mammoth Cave NP in the 1970s. He was one of the park's first rangers.

Willie Russell, July 29, after a long illness. He just retired from the NPS on June 3. He served as superintendent of Klondike Gold Rush NHP for 19 years. Mrs. Russell requests no flowers, but contributions can be made in Willie's name to the American Cancer Society. Cards may be sent to: Mrs. Claretta Russell, c/o Klondike Gold Rush National Historical Park, 117 South Main Street, Seattle, WA 98104.

Former Regional Director and E&AA Life Member **John A. Rutter**, 89, May 29 in Boise, ID, from complications following a heart attack. John was a graduate in forestry from the University of California, Berkeley. During WWII, he served on the staff of Admiral Nimitz for the Intelligence Service. John began his 40-year career in 1935 as a type mapper in Yosemite NP. He served in



JOHN RUTTER

many field positions prior to his superintendency at Mount Rainier NP in 1962 and later served as regional director of the Western Region. In 1969, John was appointed regional director of the newly established PNW Region until he retired in July 1975. During this time he established the Alaska State Office to work with the Alaska Task Force to coordinate park studies prior to the establishment of the new parks in Alaska. During his career, John influenced many NPS employees, providing strong leadership and powerful guidance. He established high standards and took great pride in his employees' achievements. In 1971, John was awarded the DOI's Distinguished Service Award. Among John's career accomplishments were his leadership in establishing Redwood NP, North Cascades NPS Complex, John Day Fossil Beds NM and planning for the Klondike Gold Rush NHP. Survivors include his wife, Fran Rutter of Boise; daughter Marilyn (Mark) Pedersen of Crystal Mountain, WA and son, John (Perrin) Rutter of Keystone, CO. Contributions in John's memory may be made to the Idaho Humane Society, 4775 Dorman Street, Boise, ID 83705 or to the E&AA of the NPS. The family thanks all friends and colleagues for their expressions of sympathy, condolences and shared stories, which were greatly appreciated.

Myron Daniel Sutton, 76, July 21, in Medford, OR, of natural causes. He served for 31 years as a ranger-naturalist, training specialist and planner with the NPS in AZ, CA, Phila. and Washington, D.C. During his career, Myron helped dozens of other countries establish national parks and protected areas. He was especially proud to have been involved in protecting the Galapagos Islands, Nepal's Mt. Everest NP and parks in Costa Rica and Argentina. He retired in 1979 after serving as deputy director of the Division of International Affairs and teaching at the University of Wyoming. With his wife Ann Livesay, he authored more than 100 articles and 30 books on natural history, including *Yellowstone: A Century of the Wilderness Idea*, published in 1972 to commemorate the park's centennial. His most successful book, *The Appalachian Trail: Wilderness on the Doorstep*, went through 14 printings. Myron's final book, *Crater Lake: A Global Treasure*, was published in May on the centennial of Crater Lake NP. Myron's career brought him many honors, including a Pulitzer Prize nomination for *The American West: A Natural History* and an honorary doctorate from Northern Arizona University. In addition to his wife, Myron is survived by two sons, Michael of Pleasanton, CA and Larry of Boise, ID. Donations in his memory may be sent to the Agnes M. Allen Scholarship Fund (Northern Arizona University Foundation, P.O. Box 4094, Flagstaff, AZ 86011), which Myron established to honor a former professor in 1995.

Elmer E. "Al" Trulock, 75, July 28, at the Horizon Hospice Home, Billings, MT. In 1964 he became a park ranger at Yellowstone NP. His career took him to

Requiescat in Pace

continued from page 12

Lake Mead NRA, Glen Canyon NRA, Mount Rainier NP, Big Bend NP, Glacier NP and Natural Bridges NM. He then transferred to RMRO and following his retirement in 1983, moved back to Billings. Survivors include his wife Dorothy and son Bill Trulock. Memorials may be made to the Big Sky Hospice, Box 35033, Billings, MT 59107, or the Horizon Hospice Home, 1019 Neptune Blvd., Billings, MT 59105.

Charles M. Wright, 67, July 22, in

Greenville, TN, of cancer. Charles was a maintenance laborer at Andrew Johnson NHS responsible for trimming operations within the Andrew Johnson National Cemetery. The 15-acre cemetery includes approximately 1,200 headstones with a surrounding wall. The many compliments the park received about the cemetery's appearance were due in large part to his pride and hardworking attitude. He is survived by his sister-in-law Louise Wright who, for many years, also served as Charles' legal guardian. ■

Park Ranger Kris Eggle and U.S.P.P. Officer Hakim Farthing

"Deaths of Park Ranger **Kris Eggle** and U.S. Park Police Officer **Hakim Farthing**," signed by Director Mainella and sent to all NPS and U.S.P.P. employees:

"The recent deaths of two of our finest have been a devastating tragedy, first and foremost, for the family and friends of Ranger Eggle and Officer Farthing. It has also been an immense loss for the NPS and U.S. Park Police families. We share in the grief and outrage at the senseless deaths of such fine men. I have sent a personal message to the families of each man to express my deepest sympathy on behalf of the Service.

"Park Ranger Eggle was killed on the afternoon of Aug. 9 as he assisted Mexican police and U.S. Border Patrol officers in a search for two armed suspects along the U.S. border with Mexico. U.S. Park Police Officer Farthing was struck and killed by a vehicle in the early morning hours of Aug. 10 while maintaining a road closure on the Baltimore Washington Parkway as a result of a previous fatal motor vehicle accident that occurred on Rte. 50.

"Kris exemplified all that a park ranger should be; his colleagues all agree that he was an exceptional ranger.

He has been described as extremely professional, possessing outstanding abilities as a ranger and having a very positive outlook. He graduated first in his class in FLETC and received the Director's Award. Hakim has been remembered by his fellow officers as a rising star. He had a reputation for dedication, self-discipline and attention to detail. A highly skilled officer, who never complained about anything and had a wonderful sense of humor; his laughter was infectious to his colleagues. He was respected by all for his ability to effectively interact and communicate with everyone. He had been an officer with the United States Park Police for the past two years and previously an NPS employee with the National Capital Region. Both men made the ultimate sacrifice and they will be missed."

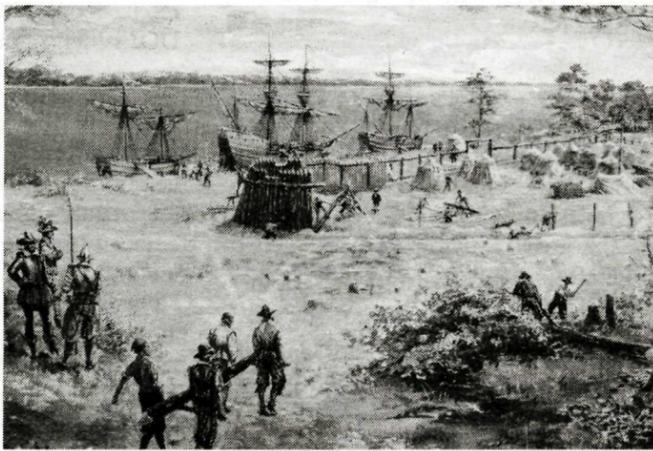
There was a memorial service for Kris on Aug. 12 at the Ajo Cavalry Baptist Church in AZ. A separate family memorial service and interment took place in MI.

The memorial service for Officer Farthing was held on Aug. 16 at Immanuel Bible Church in VA. There was a family memorial service at White Rock Baptist Church in PA on Aug. 17. ■

The Works of Artist Sidney King

The works of artist Sidney King have graced park visitor centers, audiovisual programs and waysides from coast to coast for over 45 years. Early in the 1950's King was lettering interpretive panels for parks in Virginia. In 1954 he was commissioned to make a series of historical paintings for the 1957 Jamestown Festival. They were used to produce the Jamestown NHS Audiovisual Program.

However, his larger paintings, 4' x 8', were installed in weatherproof cases and along a loop road—Jamestown Island Drive. Probably the first time that fine art served the purposes of "roadside" interpretation. For over 40 years the paintings have continued to reveal the life and death



JAMESTOWN 1607, BY SIDNEY KING—The colonists earliest days at Jamestown Island in 1607 are described by colonist George Percy. "The fourteenth day we landed all our men which were set to work about the fortification, and others some to watch and ward as it was convenient."

challenges faced by the 1607 colonists.

King passed away on April 24. It is estimated that over seven million visitors who experienced the paintings were rewarded by his work. He put people and things back into the landscapes that are no longer there. ■

Issues 2002

Sonoran Pronghorn Critical Times

The endangered Sonoran pronghorn is facing critical stresses in Organ Pipe Cactus NM and the adjacent Cabeza Prieta National Wildlife Refuge, BLM lands and Barry M. Goldwater Bombing Range. The pronghorn exists in two disjoint populations; in SW Arizona and in NW Sonora, Mexico. A survey of the U.S. population in 2000 estimated only 140 animals. As of July 2002, an estimated 75 animals persisted in the U.S. At this level, the U.S. population is in a crisis. The decline is believed to be the result of severe drought conditions, exacerbated by habitat loss, restrictions on movements and harassment due to the large volume of illegal immigration and smuggling activities. Backcountry roads and some backcountry areas in Organ Pipe and Cabeza Prieta are closed to the public, for pronghorn protection. The NPS, USF&WS and Arizona Game and Fish Department have also placed temporary water sources in these areas.

Chronic Wasting Disease Study

Supt. Linda L. Stoll, Wind Cave NP, announced that funding has been received to begin studying the park's deer population as a means of learning more about chronic wasting disease (CWD). This disease, discovered last fall in a deer in southern Fall River County and on adjacent parkland in 1997, is a fatal condition affecting the animal's brain and central nervous system. Related to mad cow disease, CWD is believed to only affect deer and elk and it is thought to be caused by an abnormal protein called a prion that attacks the animal's brain tissue. Symptoms include loss of body condition and weight, excessive salivation, ataxia and behavioral changes. Currently, transmission of the disease is believed to be through animal-to-animal contact. The findings at Wind Cave will improve knowledge of movement patterns and deer density levels within the park and study the potential of park deer to transmit CWD to other areas.

Black Bear Study Begins

Olympic NP began a three-year study investigating black bear habitat use and movement patterns. At least eight black bears were fitted with collars containing global positioning system (GPS) units. The GPS units are programmed to pinpoint each bear's location four times daily, except during winter denning, when they will locate the bear once a day. Periodic data "uploads" will allow researchers to fly over the park and remotely upload data from the collars. This is a chance to study a population of bears in an unmanaged landscape, without effects of hunting or trapping. The study will show times of year and habitat types where bears are concentrated, facilitating the development of population monitoring techniques. The data will also help identify the times of year when people and bears are using the same areas and help the park in evaluating management programs aimed at minimizing bear-human conflicts in the park's wilderness backcountry.

Chesapeake Bay Study

The NPS has been asked by Congress to conduct a special resource study focusing on the Chesapeake Bay. The study will explore if and how the NPS could and should further efforts to celebrate and conserve the Chesapeake, particularly whether adding Chesapeake Bay resources to the System might be appropriate. The study opened with a series of public workshops around the

Bay region in September. Suggestions, comments and ideas collected at the public workshops and via the study Web site (www.chesapeakestudy.org) will help refine or revise concepts for a draft report. The draft will be presented for discussion and feedback at a second set of public workshops in early 2003.

Snowmobiles Revisited

The NPS has reached an agreement for an extension to complete the final Supplemental Environmental Impact Statement (SEIS) for Winter Use in Yellowstone and Grand Teton NPs and the John D. Rockefeller, Jr., MEM PKWY. Under the terms of a settlement agreement, a Record of Decision (ROD) will now be finalized on March 21, 2003. The extension is to more effectively analyze the over 350,000 public comments and incorporate any significant new data submitted with respect to the winter use plan. The DOI agreed to do another SEIS under the terms of a settlement to the lawsuit brought by the International Snowmobile Manufacturers Assoc., The State of Wyoming and others, asking that the Nov. 22, 2000 ROD be set aside.

The proposed rule will remain in effect until the final SEIS and Winter Use Plan is completed in March 2003. There would be no limits on snowmobile numbers in the three-park area for the winter of 2002-2003.

There will be some changes in effect for the winter season of 2002-2003 in the three-park area. In Grand Teton, snowmobile use will be eliminated on the Teton Park Road and in the Potholes areas, and snowplane use will not be allowed on the frozen surface of Jackson Lake. In Yellowstone, certain routes that have been open to snowmobiles will be designated for snowcoach-only use. Hours of operation for snowmobile and snowcoach use in the three-park area will be 7 a.m. to 9 p.m.

PWC Use Revisited

The NPS and Bluewater Network have agreed to extend the date when personal watercraft use (PWC) would be banned from eight units of the NP System. The agreement is not effective until the court enters an order incorporating it.

The plaintiffs in the lawsuit, Bluewater Network, The Wilderness Society and other organizations, approached the NPS with an offer to negotiate an extension. Bluewater expressed a desire to help alleviate some of the pressure being felt by the NPS from user groups and local businesses surrounding the park units due to close to PWC use Sept. 15. The national recreation areas affected are: Amistad, Bighorn Canyon, Chickasaw, Curecanti, Glen Canyon, Lake Mead, Lake Meredith and Lake Roosevelt.

The agreement between NPS and Bluewater Network allows PWC use to continue through Nov. 6, 2002. This will allow usage of PWC's through the end of the recreational boating season. Before this extension, the areas were to close to PWC use on Sept. 15, 2002 based on the previous court-approved settlement agreement. At Lake Mead NRA, PWC use will continue until Nov. 6 like the other seven and from Nov. 7, 2002 to Jan. 1, 2003, will be subject to interim measures in specified areas. Beginning Nov. 7, 2002 at the seven areas and beginning Jan. 2, 2003, at Lake Mead, PWC use will no longer be allowed unless and until a special regulation providing for some continued use is finalized and published. ■

New Places & Faces

Kris Baca, from education specialist, Carlsbad Caverns NP, to executive director, Southeastern New Mexico Educational Resource Center.

Vaughn Baker, from superintendent, Lake Roosevelt NRA, to superintendent, Rocky Mountain NP.

Dolie Bond, from motor vehicle operator, Carlsbad Caverns NP, to motor vehicle operator, Guadalupe Mountains NP.

Tom Bowling-Schaff, from park ranger (law enforcement), Carlsbad Caverns NP, to park ranger (law enforcement), Redwood NP.

Kale Bowling-Schaff, from park ranger (interpretation), Carlsbad Caverns NP, to seasonal park ranger (interpretation), Redwood NP.

Helen Brooks, from personnel assistant, Black Hills Administrative Group stationed at Wind Cave NP, to staffing specialist, Carlsbad Caverns NP.

Kerry A. Buck, from park ranger, Wind Cave NP, to law enforcement specialist, Lassen Volcanic NP.

Emi Buck, from admin. assistant, Wind Cave NP, to fee supervisory ranger and business manager, Lassen Volcanic NP.

Paula Carrington, from park ranger (interpretation), Carlsbad Caverns NP, to park ranger (interpretation), Big Thicket NP.

Kathy Clark, from CIRS coordinator and staff ranger, Pacific Great Basin SO, to CIRS coordinator and staff ranger, IMRO, Denver.

Constantine J. Dillon, from superintendent, Fire Island NS, to superintendent, Albright Training Center, Grand Canyon NP.

Rebecca Erving, to motor vehicle operator, Carlsbad Caverns NP.

Steve Gibbons, from PWRO Programs, to acting superintendent, Klondike Gold Rush NHP.

Jennifer W. Gonsalves, from park ranger, to supervisory park ranger, chief of Visitor Services, New Bedford Whaling NHP.

Marjorie Head, to education specialist, Carlsbad Caverns NP.

A.J. Johnson, from seasonal park ranger (law enforcement), Redwood NP, to park ranger (law enforcement), Carlsbad Caverns NP.

Randy Jones, from superintendent, Rocky Mountain NP, to NPS deputy director, Washington, D.C.



CYD MARTIN

Dr. Cyd Martin, from senior anthropologist and cultural resource manager, Gates of the Arctic NP and Yukon-Charley Rivers N PRES, to American Indian liaison, IMR.

Sue McGill, from chief of maintenance, Great Smoky Mountains NP, to deputy superintendent, Olympic NP.

Kean Mihata, from interpretation, Zion NP, to STF protection ranger, Grand Canyon NP.

Cindy Morris, from park ranger (law enforcement), Guilford Courthouse NMP, to park ranger (law enforcement), Carlsbad Caverns NP.

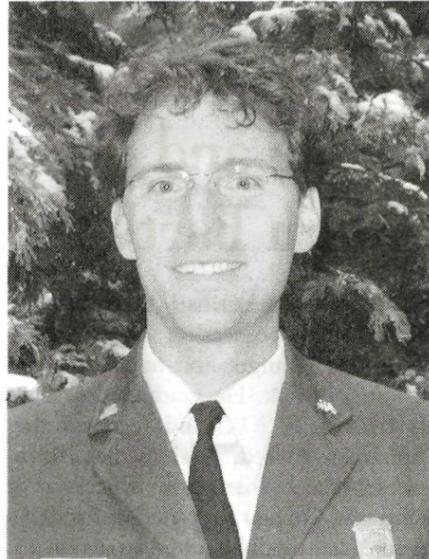
Cicely Muldoon, from superintendent, San Juan Island NHP, to superintendent, Pinnacles NM.

Jennifer Mummart, from acting chief, WASO Partnership Office, to special assistant to the Director, working on scheduling and communications.

Keith Pruitt, from facility manager, Grand Canyon NP, to facility manager, Carlsbad Caverns NP.

Heidi Rieck, from park ranger, Neal Smith NWR, to park ranger (law enforcement), Carlsbad Caverns NP.

Bob Shannon, from fee manager, Carlsbad Caverns NP, to program analyst, Ranger Activities Division, WASO.



GREG SHINE

Greg Shine, from chief, branch of Fee and Revenue Management, Yosemite NP, to chief ranger, Fort Vancouver NHS and Vancouver NHR.

Tessy Shirakawa, from chief of Interpretation and Education, Petrified Forest NP, to chief of Interpretation and Visitor Services, Mesa Verde NP.

C. Donnie Smith, Jr., from park ranger, Thomas Stone NHS, to park ranger, U.S. Army Corps of Engineers, Wallisville Lake Project.

Paula Valentine, from Upper Delaware SRR, to chief of interpretation, Fire Island NS.

Wayne Valentine, from Delaware Water Gap NRA, to chief ranger, Fire Island NS.

Clarence Wadkins, from supervisory park ranger (interpretation), Carlsbad Caverns NP, to interpretive specialist, Siuslaw NF.

Jon Jarvis Selected NPS Regional Director for PWR

Director Fran Mainella announced the selection of Jonathan Jarvis as the regional director for the Pacific West Region. Jarvis took the reigns on Sept. 23, upon John Reynolds' retirement.

"Jon Jarvis is a proven leader, and I am very happy to announce that he has agreed to take on the responsibility of leading the Pacific West Regional Office," said Mainella. "His management expertise and ability to lead have been evident throughout his NPS career. Jon has a long record of dedication to preserving our nation's natural and cultural resources, and is the perfect selection to take over the Pacific West Region."

As director, Jarvis will have responsibility for an area that extends from Nevada to Hawai'i and the outer Pacific. It includes such varied parks as Yosemite, Olympic Sequoia, Death Valley and Hawai'i Volcanoes NPs, to Lake Roosevelt and Santa Monica Mountains NRAs, to the U.S.S. *Arizona* and Fort Clatsop Memorials and Manzanar NHS. The region preserves resources as varied as remote wilderness, rain forests and deserts to major urban parks and important cultural sites.

Jarvis comes from Mount Rainier NP where he served as superintendent. His career began over 25 years ago as an interpretive park ranger on the National Mall. He left to take a position at Prince William Forest Park as a park ranger and resource manager. He eventually went on to Guadalupe Mountains NP as district ranger and to Crater Lake NP and North Cascades NP where he served respectively as park biologist and chief of resource management. His first superintendency was at Craters of the Moon NM, followed by superintendent of Wrangell-St. Elias NP & PRES.

He has served as the president and board member of the George Wright Society, lectured and published on the role of science in parks at conferences and workshops around the nation and represented the NPS in China. He has received over 20 awards including the DOI's Meritorious Service Award.

Web Sites of Interest

• *Sustainability News* is a publication and Web site developed by the NPS Environmental Leadership Program that highlights the innovations and challenges of greening efforts throughout the NP System, including the experiments and accomplishments of the 20 NPS sites that comprise the NPS Centers for Environmental Innovation. *Sustainability News* and the associated Web site are produced by the NPS Environmental Leadership Program in coordination with Harpers Ferry Center and the NPS Natural Resource Information Division. The semi-annual publication is distributed to all national parks and is available to other organizations and individuals. Articles published in *Sustainability News* can be viewed on the Web site at www.nature.nps.gov/sustainability, which includes features such as news briefs, park updates and a calendar of events.

• The NPS Archeology & Ethnography program Web site: www.cr.nps.gov/aad has been newly designed along with new and updated content. The expanded "For the Public" section has pages on amateur archeology and caring for sites. The current and back issues of *Common Ground: Archeology and Ethnography in the Public Interest* are now on-line. A new section on distance learning features on-line courses, including the popular "Managing Archeological Collections." *Archeology for Interpreters*, invites learners to explore the world of archeology. The "Sites and Collections" section looks at

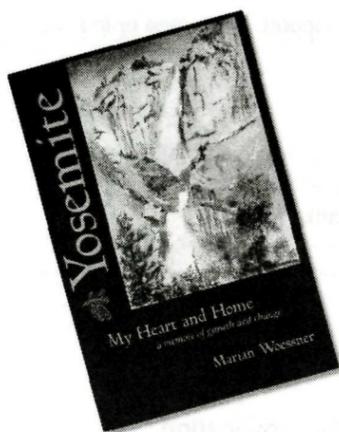
the long-term preservation and care of archeological sites and collections in national parks and across the U.S. The "Peoples and Cultures" section focuses on the goals, activities and products of NPS ethnographers.

• The NPS launched a Web site titled *9/11/01 Remembrance: The Meaning of National Parks in a Time of Crisis*. The site provides access to personal accounts of park visitors and employees both on and following the terrorist attacks of September 11, 2001. Located at www.nps.gov/remembrance, the site allows virtual visitors to comment on their reflections about the value of national parks in their lives today. In announcing the Web site, Director Mainella stated, "The National Park Service and our partners, the National Park Foundation and Eastern National want everyone to explore the memories of our workers and visitors—and add personal

comments and reactions. These parks and their people...will always carry the memory of September 11. The message of September 11 is not only of loss. September 11 speaks of courage, determination and perseverance."

The design and creation of the on-line exhibit is made possible through a grant from The National Park Foundation to the Recovery and Remembrance Fund. In addition to the Web site, the fund has underwritten the collection of the Web site's featured material, including the oral history project. The fund is managed by Eastern National. The NPS considers the Web site a work in progress and hopes that visitors will be inspired to share their stories and comments in the Remembrance section of the site. The goal is to allow people from around the U.S. and the world to contribute to the project and to incorporate their contributions into future exhibits and publications.

Off the Press



Yosemite, My Heart and Home: a memoir of growth and change

By Marian Woessner
Published by Fithian Press, 2002
ISBN 1-56474-396-9
336 pp; \$15.95

Yosemite, My Heart and Home is a chronicle of forty-eight years spent in the midst of breath-taking scenery, stimulating company and significant social change. Some of the changes involved behind-the-scenes machinations of government. Some of them reflect changes in American society as a whole. Most of this

book, however, is about neighbors and friends and growing children. It is also a chronicle of a long and happy marriage, between people fortunate to have each other and to live in the range of the light. The book is available from Fithian Press at (800) 662-8351 or any bookstore.

General David Hunter's Proclamation

By Dr. Charles J. Elmore
Published by Eastern National
ISBN 1-888213-88-4
92 pp; \$5.95

According to Charles Elmore's preface in the book: "This work illuminates how General Hunter's edicts caused President Abraham Lincoln to eventually issue a preliminary draft for the Emancipation Proclamation by June 1862, a final draft in September 1862. General Hunter was the antithesis of the Zeitgeist of his time, as he was a former pro-slavery man who turned abolitionist as a result of what he witnessed in 'Bleeding Kansas.' Even as President Lincoln struck down his edicts, in 1862, Hunter was busy assembling the First South Carolina Volunteers, the first black Union troops, without the permission or sanctioning of President Lincoln or Edwin Stanton, Secretary of War. Again, Hunter aided the cause of African-

American freedom as the First Carolina Volunteers gave impetus to the United States government officially establishing the U.S. Colored Troops in 1863.

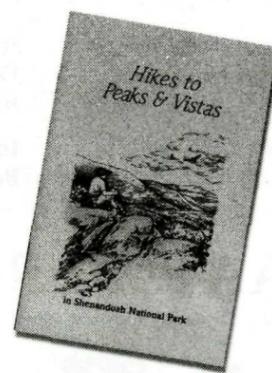
"The story is compelling as one looks at what blacks were achieving in education and freedman skills, relative to African-American freedom, at places like Port Royal, Beaufort and St. Helena, South Carolina. In short, General Hunter's prophetic edicts transcend time and reached into America's psyche before and well after the Civil War and Reconstruction in the South."

Available from America's National Parks, 470 Maryland Drive, Suite 2, Fort Washington, PA 19034, (877) 628-7252; or from www.eParks.com.

Hikes to Peaks & Vistas in Shenandoah National Park

By Joanne Amberson
Published by Shenandoah National Park Association
ISBN 0-931606-24-1
24 pp; \$2.00

Visitors to Shenandoah NP who enjoy hiking to high places and panoramic views now can consult a new guide: *Hikes to Peaks & Vistas in Shenandoah National Park*. With this guide, hikers of varying abilities can find



their way to nine high points, which offer expansive views of valley and mountains to the west. A few of the high points also offer views of the Piedmont area to the east. The guide describes each of the trails in detail, naming some of the flowers, animals and birds that hikers might see and describing the rocks on each summit. This new guide is the third in a series. The other two guides, *Short Hikes in Shenandoah National Park* and *Hikes to Waterfalls in Shenandoah National Park* were also written by Joanne Amberson and sell for \$2.00 each. Available at Shenandoah NP visitor centers or on-line at www.snpbooks.org. ■

Alumni News



THE SANDPOINT IDAHO-NPS RETIREES GROUP, WHICH GETS TOGETHER ON A REGULAR BASIS, at the home of Bob and Sally Sellers. Pictured left to right: front row; Life Member Bill and Faye Lukens and Life Member Robert and Nancy Dunnagan. Back row; Life Member Bob and Sally Sellers and Life Member Dave and Marge Butts. Bill Lukens says additional members of the group who were not present at this get-together, but usually present, include Alan and Geanie Mebane and Hank and Charlotte Jones. Bob and Sally Sellers celebrated their 50th anniversary in August.

Rex and Dot Scouten celebrated their 55th wedding anniversary on Aug. 9. They were married in a double wedding in Marlette, MI. They have been residents of Fairfax City, VA for over 46 years. Rex retired as an usher at the White House. Their children, Carla, Carol and Glen planned the celebration.

Once again, Joe and Barbara Rumburg hosted this year's **Geriatrics Golf Tournament**. The group met on April 21 in Nogales, AZ, and enjoyed a catered cocktail party get-together that evening. On April 22 and 23, they played golf at the Kino Springs golf course. Jack and Donna Turney volunteered to host the 2003 Geriatrics in Alamogordo, NM around April 29. The winners from the April 23, 2002 tournament were: Low Gross Women - Barbara Rumburg; Low Net Women - Patti

Townsend; 2nd Low Net Women - Terry Donnelly; Low Gross Men - Paul Gerrish; Low Net Men - Emil Matic; 2nd Low Net Men - Jack Davis; Long Drive Women - Patti Townsend; Long Drive Men - Dave Thompson; Closest to Pin Women - Fay Thompson; Closest to Pin Men - Tom Thompson and Longest Putt - Dave Thompson. For information on the 2003 Geriatrics write to Dave Thompson, 6629 Shpaati Lane, Cochiti Lake, NM 87083 or call him at (505) 465-2911.

We heard from **William A. "Bill" Harris** because his name was inadvertently omitted from the last E&AA Membership Directory. His address, etc. will be in the new directory. Bill retired three years ago and now lives at 3829 Elijah Baum Road, Kitty Hawk, NC 27949. We learned he is the mayor of Kitty Hawk.

Retired, former editor of WASO's *CRM Magazine*, **Ron Greenburg** was going through his storage boxes and contacted us about some old issues of E&AA *Courier* and *Newsletter*. We are pleased to have them for our files and thanked him for sending the issues.

The *Arrowhead* receives more complimentary notes from E&AA Life Member **Martin Christenson** than any other member. At 90 he "very much enjoys receiving this little bit of NPS news and even takes pleasure, quite often, in seeing a familiar name of old friends/associates, who are not on the obit page."

The 28th annual Frank F. Kowski golf outing for the Washington D.C. area took place Aug. 23. For the second consecutive year, play was held at the courses at Andrews Air Force Base. The players endured tough playing conditions with a heat index of 110 degrees. Three teams came in with a scramble format score of 63, which was won in a

card runoff by the team of Joe Lawler, Ed Duffy, Steve Doulis and Jim Gridley. It was this team's second victory in the past three years. Closest to the pin honors were taken by Buck Jackson with a shot coming to rest 36" from the pin on the east course's 16th hole. Many thanks to all of the participants, volunteers and sponsors of this annual event. A sizable contribution will again be offered to the George B. Hartzog, Jr. Educational Loan Program of the E&AA. For more information about the D.C. Metro Area Kowski Golf Outing, please contact co-chairmen Charles Borders at (202) 619-7455 or Steve Doulis at (202) 619-6371.

Life Member **Dennis McGinnis, Sr.** and his wife moved into a new condo in Manteo, NC. Same address, different phone number. Sons are still in NPS; Dennis is chief of maintenance at Shenandoah NP and Brian is in maintenance at Fort McHenry NM & HS. ■



RAYMOND T. O'DELL, NPS ALUMNI AND HIS WIFE ELIZABETH, celebrated their 60th wedding anniversary on June 27. Deborah Nordeen, Everglades NP assistant public affairs officer, attended their anniversary "Luncheon of Thanksgiving," addressing the guests with a summary of Raymond's accomplishments during his 33 years in the NPS. These included Ray's service as E&AA executive secretary, 1968-1973; employee representative for the North Atlantic Region on the executive board from 1973-1978 and alumni representative for the Southeast Region on the Executive Board from 1987-1989.

E&AA Benefactors

continued from page 11

In memory of John

Kawamoto: Pauline Kawamoto

In memory of Roselyn Infusino Carroll: Orville Carroll

In memory of James Husted: Dorothy Husted

In memory of Lodema Henderickson (Mrs. William): Robert Foster

In memory of Virginia Childs: Martin Christenson

In memory of Bill Sigafos: Jerry Schober

In memory of Frank Kowski: Stu Snyder

In memory of Allen and Hazel Hanks: George and Mary Deitrich

In memory of Harvey Shields: Michele Aubry

In memory of Robert Hockman and Volney Bahr: Lynn Jamison

In memory of Lee Pearce: Barbara Pfahning

Contribute to the Arrowhead

Submit information, stories and photos to E&AA *Arrowhead*, 470 Maryland Drive, Suite 1, Fort Washington, PA 19034. Information can also be faxed to (215) 283-6925 or e-mailed to JenniferA@eandaa.org. Photographs are welcomed. On the back of the photograph please identify who is in the photo, who took the photo, and a SASE if you would like the photo returned. Please include, if possible, a summary of the event at which the photo was taken, news release or other important information. We will use as many submissions as possible on a space-available basis. Time-sensitive materials and those received first will receive priority. We may hold submissions for use in a later issue.

Deadline for the next issue is Friday, Dec. 6. Please contact Jennifer Allen with any questions about submissions at (215) 283-6900, ext. 136.

Thank you to the following newsletter contributors: Lynn Arthur, Ken Ashley, David Barna, Bill Bolger, Colleen Bruce, Suzanne Buchanan, Bette Cates, Mark Corey, Steve Doulis, Bridget Eisfeldt, Rae Marie Fauley, Scott Fear, Edward Foy, Magaly Green, Bonnie Halda, Bob Haraden, Phil Iverson, Roger Kelly, Sue Lamie, Diane Liggett, Barbara Little, Rob MacLean, Corky Mayo, Doug McChristian, Helen McMullin, James Miculka, Greta Miller, Dennis Montagna, Duncan Morrow, Sue Moynihan, Richard Munro, Saudia Muwwakkil, Phil Noblitt, Frances O'Dell, James Pepper, John Reynolds, David Riggs, Tom Ritter, Nina Roberts, Joe and Barbara Rumburg, Fran Rutter, Greg Shine, Jackie Skaggs, Mindy Smith, Sandra Snell-Dobert, Diann Stallings, Marsha Starkey, Dave Thompson, Tom Wade, Wally Wallis, Rory Westberg and Cheryl Yost.

Contribution to the E&AA

The E&AA and The George B. Hartzog, Jr. Educational Loan Program are supported only by dues and your generous contributions. Use the form below to make a tax-deductible contribution to the Hartzog Educational Loan Program or the E&AA. Send completed form to Bonnie Stetson, E&AA Membership, 470 Maryland Drive, Suite 1, Fort Washington, PA 19034.

Name: _____

Enclosed is a check for: \$ _____

I would like the donation to support: (circle one or indicate an amount for each).

E&AA _____

Hartzog Educational Loan Program _____

Thank You!

E&AA 2002 Reunion



PICTURED LEFT TO RIGHT: Amos Hawkins, Phel Jacobsen and Carolyn and Keith Miller at the lobster bake during the E&AA reunion.

continued from front page

tion to the whole of the island and an excellent film.

There was time to visit the shops and museums in Bar Harbor, which were a short walk from the hotel. The last evening was an interpretive cruise. The retirees were

joined by NPS Director Mainella and the National Leadership Council, which included the regional directors. Although damp and cool, it proved to be another highlight, which concluded the get-together. See you in Yellowstone in 2004! ■

Membership Application

Please print or type. Submit form to: Bonnie Stetson, E&AA Membership, 470 Maryland Drive, Suite 1, Fort Washington, PA 19034. Welcome!

Date: _____

Name: _____

Address: _____

Home phone: _____

Years with NPS: _____

Year retired (if applicable): _____

I would like to become a(n): (circle one)

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Arrowhead



The Newsletter of the Employees & Alumni Association of the National Park Service

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SUPT. WILLIAM SUPERNAUGH, BADLANDS NP, SPEAKS AT THE Sept. 27 ceremony at Minuteman Missile NHS, which transferred a Minuteman II launch facility, a silo and support facility from the U.S. Air Force to the DOI. Eleven years ago, on this same date, then-President George H. W. Bush took all Minuteman intercontinental ballistic missiles off alert. The park now becomes the first unit of the National Park System dedicated to the Cold War. The Service plans to build a visitor center and provide visitors a tour of the missile site and its launch control facility by 2005. Pictured left to right: U.S.A.F. Lt. Dusty Born; Director Mainella; U.S.A.F. Chaplain Howard Stendahl; U.S.A.F. Col. James Kowalski; DOI Assistant Sect. for Fish and Wildlife and Parks Craig Manson; Principal Dept. Asst. Sect. of the Air Force for Installations, Environment and Logistics Ronald L. Orr; Vice Commander, Air Force Space Command Lt. Gen. Robert Hinson and Supt. Supernaugh.