National Park Courier

Steve Mather's Family Newspaper

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Shoreline Saving Convention Topic

Strong support for an effort which the National Park Service has been spearheading for the past several years is indicated by the announcement that the theme of the 38th annual convention of the Izaak Walton League of America this year will be "Save Our Shorelines," — S.O.S., for short. The convention is to be held in Minneapolis on June 23, 24 and 25.

Keynote speaker at the opening session on the morning of June 23 will be Under Secretary of the Interior Elmer F. Bennett, speaking on "Shorelines in America's Outdoor Future." A panel session on the following morning will cover shoreline needs and problems more specifically. Fred Smith, member of the Advisory Board and of the Outdoor Recreation Resources Review Commission, will talk on the national S.O.S. program. Edward P. Cliff, assistant chief of the Forest Service, will discuss shoreline opportunities in public non-park areas. Shoreline preservation opportunities at state and local levels will be considered by Arthur C. Elmer, Michigan's chief of parks and recreation, and Charles E. Doell, former superintendent of Minneapolis parks, respectively.

Sig Olson To Wrap Up

Sigurd F. Olson, also a member of the National Parks Advisory Board, and wilderness ecologist for the League, will do the wrap-up, with particular emphasis on League opportunities for service in promoting shoreline programs at Federal, state and local levels.

A workshop session on the afternoon of the 24th will handle such discussion topics as Making the Shoreline Available, Protecting the Shoreline, Improving Recreation Values, and Improving Public Conduct.

Joe Penfold, writing to the editor of the **Courier** about the meeting, said, "Shoreline preservation is an area to which the League has given particular attention during the past year and which it will continue to emphasize in the years to come at Federal, state, and local levels."

FOREIGN VISITORS WILL GET INDEPENDENCE STORY

In line with President Eisenhower's proclamation of last September making 1960 "Visit the United States of America Year," Independence National Historical Park is preparing foreign-language interpretive devices to aid foreign visitors.

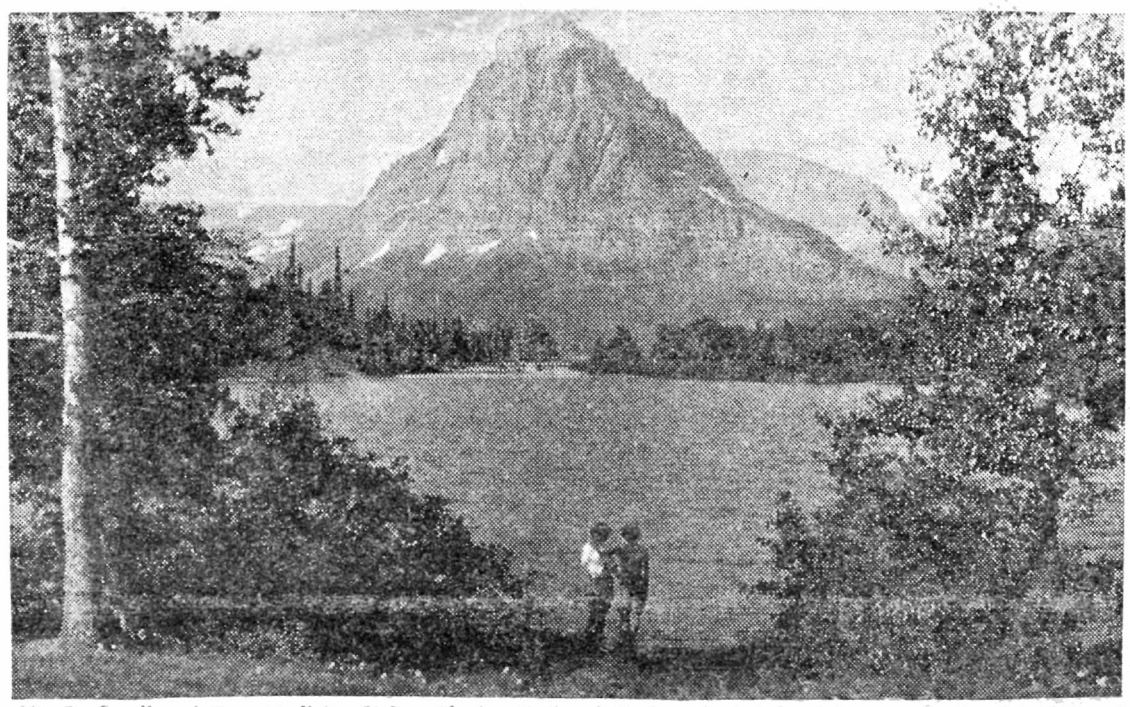
In cooperation with the Voice of America, the park and the Washington Office are producing audio tapes which will tell the story of the Liberty Bell in Russian, German, French, Spanish, and Italian. By early summer, these will be available for the increasing numbers of foreign visitors to Independence Hall.

Sometime this summer, too, the Independence informational folder will be translated into the same five languages. The Eastern National Park and Monument Association is donating funds to print these foreign-language publications.

This Is Glacier National Park's Year

Montana Wonderland Celebrating 50th Anniversary; Will Be Host to Governors' Conference This Month

"Off the trail, free for the looking, you'll find what has become one of the rarest things in our modern world — nearly 1,000,000 acres of the earth as God made it." In those words, Paul Schubert pointed out the finest characteristic of Glacier National Park, in an article entitled "Montana's Tourist Wilderness," in the April 30, 1960 issue of the **Saturday Evening Post**. The article, an exceptionally well written one and beautifully illustrated in color, was occasioned by the fact that 22 days ago Glacier celebrated its 50th birthday and that, consequently, this is a very special year in the park's history.



Mt. Rockwell and Two Medicine Lake, Glacier National Park; selected for 9-cent stamp in 1934 National Park Series. (NPS photo by Grant)

A "Show-me Day" at the Park on May 10, ending with a Potluck Supper in the park conference hall that evening — incidentally honoring the departing Aaberg family; a Golden Anniversary dinner in Kalispell the following evening, with Judge Charles N. Pray as the honor guest and principal speaker; and, biggest event of all, the 1960 Governors' Conference which will bring some 700 people to Glacier June 26 to 29. — these are three events in a sort of ascending scale which will contribute toward making this a memorable year for Glacier.

Governor Aronson present

About 275 persons, including Gov. Hugo Aronson of Montana, Eivind T. Scoyen, associate director of the National Park Service; Howard W. Baker, Regional Director, Region II; and Superintendents Hummel of Glacier and Garrison of Yellowstone, were present at the anniversary dinner given at Kalispell on the evening of May 11. Judge Pray, the honor guest and principal speaker, member of the House of Representatives from 1909 to 1913, is the sole survivor of those who in 1911 pressed for and obtained passage of the act which established Glacier National Park. The other two were the Montana Senators Thomas Carter (author of the first Glacier National Park bill, introduced in 1908) and Joseph Dixon.

Judge Pray, now 92, was described by the Courier's correspondent, who attended the anniversary dinner, as "the youngest 92 you ever saw." Following his address to the diners, Scoyen presented him with a scroll signed by the Secretary of the Interior in which Mr. Seaton paid tribute to the part Judge Pray had played in bringing Glacier National Park into existence.

"Perfect composure"

"The presentation of the scroll came as a surprise to him, — and he took that, too, in excellent stride and perfect composure," our reporter continues. "He was really marvelous. The scroll was nicely framed; and Mr. Scoyen made an excellent presentation."

Sponsor of the dinner was the Kalispell Chamber of Commerce. The "dinner card" supplied for the occasion by the Conrad National Bank of Kalispell had a handsome picture of St. Mary Lake in full color on its cover. The inside pages contained a chronological history of the park, — extending from 500,000,000 B. C. to the Governors' Conference of 1960.

Hosting the National Governors' Conference has required Glacier, Regional, and Washington Office officials to take care of countless details. Early in the planning stage, the Director suggested that each of the Governors be assigned an NPS uniformed man as an aide. Insofar as possible, each Governor will have as his aide a native son of his State.

Aides and Their Governors.

Ranger aides and the Governor whom each will accompany are as follows:

Clarence Johnson, supt., Horseshoe Bend - Patterson, Alabama; **Duane D. Jacobs,** regional chief, Branch of Visitor Protection, Region Two Office - Egan, Alaska; **H. Raymond Gregg,** supt., Hot Springs - Faubus, Arkansas; **John C. Higgins,** supv. park ranger, Grand Canyon - Fannin, Arizona; **Elmer Fladmark,** chief park ranger, Yosemite - Brown, California; **Fred G. Bussey,** supt., Colorado NM - McNichols, Colorado; **John P. Magnuson,** seasonal park ranger, Yellowstone - Ribicoff, Connecticut; **Robert C. Morris,** fire control assistant, Sequoia-Kings Canyon - Boggs, Delaware; **Richard A. Nelson,** supv. park ranger, Everglades - Collins, Florida; **Daniel Lee,** chief park ranger, Chickamauga-Chattanooga - Vandiver, Georgia.

Ernest K. Field, acting regional chief, Branch of Park Forests and Wildlife Protection, Region Two Office - Quinn, Hawaii; **Floyd A. Henderson,** supt., Craters of hte Moon - Smylie, Idaho; **Chester O. Harris,** naturalist, Rocky Mountain - Stratton, Illinois; **V. R. Bender,** chief park naturalist, Mount Rainier - Handley, Indiana; **Daniel J. Tobin, Jr.,** supt., Effigy Mounds - Loveless, Iowa; **Lloyd R. Hoener,** park ranger, Yellowstone - Docking, Kansas; **Thomas Norris,** chief park ranger, Mammoth Cave - Combs, Kentucky; **Milton Thompson,** historian, Chalmette - Long, Louisiana; **G. Gordon Bruce** chief park ranger, Acadia - Clauson, Maine.

Philip R. Iverson, ranger, C&O Canal - Tawes, Maryland; **Harold I. Lessem,** supt., Salem Maritime - Furcolo, Massachusetts; **David G. Stimson,** district ranger, Isle Royale - Williams, Michigan; **Paul L. Webb,** chief park ranger, Dinosaur - Freeman, Minnesota; **Raymond Rundell,** supt., Vicksburg - Barnett, Mississippi; **Henry R. During,** asst. supt., JNEM - Blair, Missouri; **Donald A. Dayton,** supv. park ranger, Glacier - Aronson, Montana; **John W. Henneberger,** supt., Scotts Bluff - Brooks, Nebraska; **Sylvester J. Keefe,** chief park ranger, Lake Mead - Sawyer, Nevada.

Delmar G. Peterson, supv. park ranger, Yellowstone - Powell, New Hampshire; **Charles L. Peterson,**

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Tragedy Strikes at Grand Teton

District Park Ranger Gale E. Wilcox and Assistant District Park Ranger John C. Fonda of Grand Teton National Park lost their lives on March 9 in one of the most tragic accidents in the history of the National Park Service.

Assistant Chief Park Ranger Stanley H. Spurgeon, Wilcox and Fonda were on winter patrol in the northern end of the park, traveling on skis en route to the remote area of Survey Peak. The accident occurred as the three crossed the Snake River inlet to Jackson Lake.

All Three Break Through

Spurgeon and Wilcox had carefully negotiated the crossing, moving separately over the ice. Fonda was following when the surface collapsed, plunging him into the stream. Spurgeon and Wilcox went immediately to his aid, and reached him by extending a ski pole. The ice then gave way under Wilcox and Spurgeon and their efforts were in vain.

Spurgeon was able to free Wilcox from his skis and to get him to solid ice. In the meantime, Fonda had perished, either from exposure or by drowning. Spurgeon had lost his skis as had Wilcox, but Stan struggled through waist-deep snow to reach the Berry Creek patrol cabin about 3/4 of a mile away. There he improvised snowshoes from a pair of packboards, obtained a sleeping bag, and returned to Gale, only to find that he had died from exposure. Rescue was accomplished on the following day when Stan was able to attract the attention of a party of snowplaners who were visiting the north end of the lake.

Both Were War Veterans

Wilcox was the district park ranger on the Jackson Lake District, with a record of nearly 25 years of Federal service, including more than 3 years with the U. S. Army in World War II. Born in Deadwood, So. Dak., he received his first Federal appointment in May 1933 as a custodian with the Mount Rushmore Memorial Commission. From 1946 to 1955 he served as a park ranger at Wind Cave, transferring to Grand Teton on May 22, 1955. He is survived by his wife, Louise; a son; a married daughter; and his parents.

Fonda was the assistant district park ranger in the Moose District, and had been with the Service in seasonal and permanent assignments since 1950. His Federal service included Korean war service with the U. S. Army. He attended both Colorado and Montana State Universities, and the Training Center at Yosemite. Although not appointed to a permanent park ranger position until November 1958, John had been a leader of Grand Teton's Mountain Rescue Team since 1954, - a team which received a Unit Citation for Meritorious Service from the Secretary of the Interior. He is survived by his wife, Jean; an infant daughter; and his parents.

Hospital Room Is Memorial

A room in the newly completed St. John's Hospital in Jackson, Wyo., will be dedicated to the two

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Mission 66 Bringing Improvement To Site of Fight With Nez Perce

Big Hole Battlefield National Monument, 272 miles northwest of Yellowstone National Park, is among the least known areas of the National Park System. From May to October each year, Ranger Bob Burns acts as management assistant of the monument, of which Lon Garrison is coordinating superintendent.

When Big Hole was established by Presidential Proclamation in June 1910 it consisted of five acres. Since then it has been enlarged to 200 acres. It is one of the battlefields where the fighting between General Gibbon's troopers and the Nez Perce Indians under Chief Joseph occurred in August of 1877. The Monument was established to



Chief Joseph

commemorate the soldiers and volunteers who died in the Battle of the Big Hole, but its interest chiefly lies in the ingenuity and brilliance exhibited by Chief Joseph and the Nez Perce while executing one of the most famous "retreats" in American History.

Getting development at last

The area has been sadly neglected because of lack of funds. Now, with appropriations under the MISSION 66 program, things are picking up. In another few years, the Monument will have conveniences for the tourist other than the "camping" areas of today. When Bob Burns and his wife, Vivian, first took over in 1958 at Big Hole, they literally had to scrape their way into the ramshackle house, only to find it infested with mice and rats. There was also a nice little nest of skunks under the house, besides their more decorous neighbors,—the deer, moose, elk and bear which frequent the surrounding hills. Even so, the furred friends were their closest neighbors —other humanity being some nine miles distant.

The night before they closed up the Monument that first summer, one of the skunks became excited at their preparations for departure and perfumed the house, so that they had to depart at 1 a.m. with the thermometer hovering just above zero!

However, as National Park Service persons know, nothing defeats the pioneer blood in our rangers—so Bob and Vivian continued to dig in with their finger nails, literally, the following season, and cleaned and scraped and set traps and exterminated until the place was clean. This year Vivian proudly boasts that they will have curtains at the windows!

A brakedrum gong

There is no telephone as yet at Big Hole, but Bob rigged up a gong on the back porch, a brake drum from an ancient truck—in case Vivian should need him when he was working a distance from the house. And, too, the U. S. Foresters had a summer ranger office some distance from the house at Big Hole; when an urgent message came through they would hoist a white flag so that Bob could tear over for the news! The first summer there Bob fell through the rotten boards of the front stoop, and so promptly built a front porch with his own hands. Last summer, they had little company all summer long, but two days before their second son was born the place was filled with visiting dignitaries from here and there, — together with friends, ending with a mad dash to the hospital in Butte some 86 miles away for the new arrival.

Anne B. Goff

Natchez Trace Parkway

An era is passing for Natchez Trace Parkway—an era of a little train (engine and one coach) naively puffing its spark-flinging way across the Parkway's woodlands and heavily-traveled motor road in Madison County, Mississippi. The train no longer makes its once-a-day, or once-a-week, 70-mile round-trip journey between Carthage, Mississippi, and Canton, Mississippi. The rusty railroad rails are being raised from their hold of two decades. The countryside will bloom above its burn scars, appeasing the aesthetically-frustrated landscape architects. The music of song-birds will go undisturbed by the fire-fighter call of a train's whistle. Parkway motorists will pass unchallenged and never know of the old railroad grade crosing, the only one on the Parkway, made before our present grade-separation policy. No one will lament for "th' good ole days," but many a ranger will recall with a smile the eventful voyages of the little train on the Parkway.

Nathan Parker Brown received disability retirement on February 29 after a year's service at Natchez Trace Pakway as maintenanceman. Prior to his Natchez Trace employment, he had served for 29½ years at Shiloh in laborer, operator general, and mixed gang foreman positions. Fred S. Young, tractor operator at Natchez Trace, was selected to fill the maintenanceman position vacated by Mr. Brown.

The Eastern National Park and Monument Association, in cooperation with the Service, recently published an attractive 20-page brochure entitled "Mount Locust on the Old Natchez Trace." Parkway Historians Dawson A. Phelps and William K. Kay, authors of its text, and Parkway Naturalist Donald M. Black and Landscape Architect Bruce B. Myers, illustrators, present a vivid account of travel on the old Natchez Trace as typified in the history of Mount Locust, the Trace's sole surviving pioneer home-and-inn, located 15 miles north of Natchez, Mississippi.

San Juan

The Park Service in Puerto Rico is working on a treasure trove of old cannons, located offshore near Arecibo, about 50 miles from San Juan. A high-school boy in Arecibo found the guns while skin divng in about 20 feet of water. He told the Park Service office in San Juan, with the result that Supt. Wing made an investigation and decided these guns were worth while going after. There are about 20 clearly visible on the sandy bottom, evidently the result of an old shipwreck, since there are coral reefs close by which could easily have brought a sailing vessel to disaster.

Fortunately for the Park Service office, Admiral Daniel V. Gallery of the Navy in San Juan was interested enough to salvage one of the guns when requested, so that a Navy tug brought one to San Juan in March. This has now been cleaned of the accumulation of coral and has been put in a fresh-water tank to eliminate the salt and rust. The gun is of the type made about 1700, a 6-pounder, typical for a small sailing vessel of those years. It is hoped that the Navy will continue to work on this wreck and bring in more guns for the Park Service, since there is room and need for many specimen cannons on the walls of El Morro and San Cristobal.

In the middle of April we had the most distinguished English visitor since the time of Sir Francis Drake in 1595. We are referring to the "Gentleman of Eternal Glory," The Hon. Winston Churchill.

A recent outstanding experience was a tour given by Historian Morales to a very special group, a slow-learning retarded group from the Bayamon Public Experimental School. The sense of **feeling** was the medium used for interpretation purposes. Their great sensibility was demonstrated in the interesting drawings they sent us afterwards.

Historian Manuel A. Morales was elected Honorary President of Singer Credit Union.

Special tours for Government agencies are now organized to visit the Fortress of San Cristobal. Time: Saturdays, 4:00 P.M. So far we have had personnel from the following agencies: Dept. of Education, Dept. of Labor, P. R. Development Co., Dept. of Public Health, Secretary's Club, University Club and P. R. Water Resources Authority. Historian Marrero is the promoter of this special tour.

The Spanish Government announced that the coat-of-arms to be donated to the San Juan National Historic Site was finished in Madrid. It will be delivered to Ambassador John Davis Lodge in a ceremony in Madrid.

The fifth Pan-American Masonic convention will be celebrated next February in Puerto Rico. Historian Marrero was appointed a member of the Committee to organize fraternal activities.

Isle Royale Has 20th Anniversary

Some 1,500 people visited the National Park craft, Ranger III, Sunday afternoon, April 3, 1960, during the 20th anniversary celebration at Isle Royale National Park. The visitors were from scattered areas in Michigan's Upper Peninsula and from eight other States.

Ranger III was open for inspection from 1 to 5 p.m. Nine National Park employees acted as guides under the supervision of Supt. George Fry. Capt. Russell Greenleaf remained in the pilot house during the afternoon and explained methods of navigation. Park Naturalist Robert Linn showed slides of Isle Royale.

Wives of park employees were hostesses and served coffee and tea in the snack bar. Soft drinks were served to the youngsters.

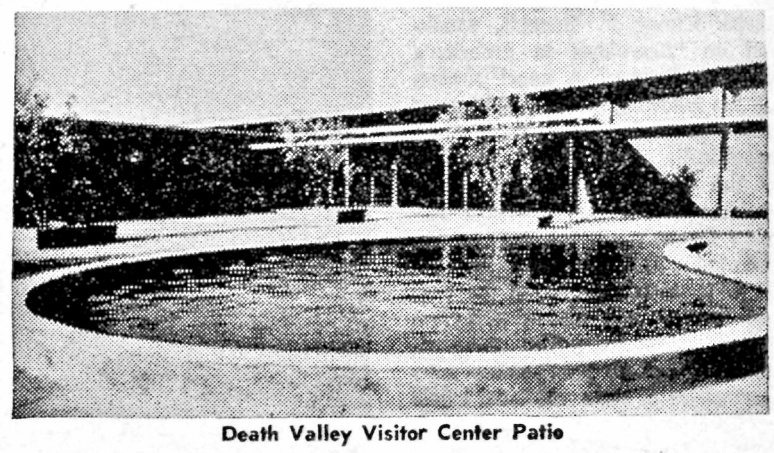
The open house attracted a much larger crowd than had been expected and made many new friends for the Service.

Death Valley's Visitor Center Is Result of 4-Way Cooperation

By Jean Bullard

Plans for dedication of the Death Valley Visitor Center are now being made with the time tentatively set for 10 o'clock on the morning of Saturday, November 12. The dedication committee has been selected by a group representing the four agencies which have cooperated to convert it from a dream to actuality. These are the National Park Service (MISSION 66), the State of California, the Death Valley Hotel Co., Ltd. (a subsidiary of the United States Borax and Chemical Co.), and the Death Valley '49ers. Chairman for the dedication is Supt. Granville B. Liles.

It is the cooperation of the four agencies which gives the quality of uniqueness to this project, - most visitor centers having been purely MISSION 66 projects. Land for the center was donated by the hotel company. The '49ers, public-spirited residents of Southern California with a strong interest in Death Valley, prevailed on the California Legislature to appropriate $350,000 toward it. This was earmarked for an exhibit room, auditorium, and the lobby. MISSION 66 funds were provided for the administration building, including offices, research library, naturalists' study room, and dark room, and for furnishings and museum exhibits.



Death Valley Visitor Center Patio

It fits into its setting

The clean-cut lines of the structure and its reddish-brown rough-cut cinder blocks blend with the desert landscape. A cooling oasis atmosphere is created by the large visitors' patio with its reflection pool and palm trees. Touches of turquoise on louvers, roof supports, and the museum sign are repeated in the drapes and chairs in the auditorium.

Soon visitors will be delighted to find an air-conditioned visitor center open year-round with its museum and daily programs, including an audiovisual presentation. Such attractive surroundings will also be appreciated by the Park Service staff in contrast to their present inadequate offices and crumbling adobe buildings.

Moving day expected in August

The visitor center building is now completed and construction is in progress on the parking area and access road which should be completed this month. Additional landscaping to be done in the 1961 fiscal year should be completed before fall.

"Although the building is complete," states Supt. Liles, "it is not yet being used because of inadequate electricity to operate the air-conditioning system. We do expect to obtain additional electricity so that we may be able to move into it in August."

Most of the visitor center construction was during the hottest months, June through September. Temperatures ran many days between 115° and 125° in the shade, but some workers had to be in the sun. Ground temperatures were between 160° and 180°. Steel-workers and roofers worked from midnight to 8:30 a.m. when it was cooler. A few nights the temperature didn't even go below 100, a record minimum night temperature for the United States!

And the wind blew!

Wind and sand storms were often problems in addition to the heat. In May a violent windstorm caused all work to cease and blew down the upper section of one almost completed cinder block wall of the auditorium. At other times the sand blew so hard that electricians and welders could barely see to work. The double shift kept the job supervisor, Ed Walden, busy day and night.

In spite of such obstacles, the building was completed more than 10 months ahead of schedule because contractor William E. Drennan elected to work right through the summer.

The unusually close cooperation between the monument and WODC has resulted in a structure which Tom Vint, Chief of Design and Construction, reportedly called the finest building in the park system.

CAMPING AT ORGAN PIPE .... IS INCREASING RAPIDLY

The increase in camping occurring in all of the National Park Service areas can be vividly shown by some statistics from Organ Pipe Cactus National Monument.

In February, an average of 270 visitors camped in the monument's headquarters campground each night. This represented an increase of 236 per cent over February 1957.

The campground at Organ Pipe, one of the largest in Arizona, consists of 158 campsites, each containing a picnic table and campstove. Four modern restrooms in the campground are part of the area's completed MISSION 66 projects.

The Organ Pipe staff are justifiably proud of their safety record. As of May 1, 533 consecutive days had passed without injury to an employee or visitor.

Supt. Monte E. Fitch, Jr., was one of the instructors in a radiological instrument operators course held in Phoenix in February. Personnel from the Forest Service, Bureau of Indian Affairs, Bureau of Land Management, Civil Defense Agency, and the NPS took the course.

Miss Mary Rose Fitzgibbon, a member of the planning board for the Lake District of the National Park System of England, visited the monument on February 10 and 11. Miss Fitzgibbon, who toured the area with Chief Ranger Mullady, was greatly impressed with the beauty of the desert.

Exhibits at Wawona, El Portal Will Tell Yosemite's History

By Douglass H. Hubbard

For the past century the natural beauties—cliffs, big trees and waterfalls—for which Yosemite is world famous have overshadowed everything else about the park. This has meant that many of the things connected with the human history of the park have passed from the scene. Old trails and roads have become dim traces; old cabins and hostelries have melted into the ground. But all is not lost.

At Wawona is a fine old hotel, unique in its atmosphere of the early West. Near it is one of the dozen or so covered bridges remaining in California today. This bridge is the nucleus of Yosemite's major interpretive project under MISSION 66.

Structures being assembled

Here the National Park Service is gathering and rehabilitating about a dozen of the early structures connected with the human history of Yosemite. Such buildings as the cavalry headquarters (used when the Army was administering the park), an old homesteader's cabin, the Wells Fargo office, one of the park's first ranger patrol cabins, and the old wagon shop are in place now, with two or three others, including the old jail, to follow. Each of these will be furnished to represent the period of its use, and the story of its importance will be told to the visitor by message repeaters and talking labels.

Exhibits being constructed in the Western Museum Laboratory in San Francisco will be installed in the wagon shop in time for summer. These will tell of stagecoach travel, dusty roads to Yosemite, and some of the stage holdups which took place on them. For the children (as well as their parents) there will be electric guessing games to identify kinds of horseshoes and the parts of a stagecoach.

Covered bridge nearly lost

The old machinery from the Tioga Mine, which led to the construction of the Tioga Road, has been placed on heavy sleds nearby. It could tell some tales of hardship and suffering. The covered bridge was almost lost in the flood of 1955. It has been strengthened and visitors may walk through it as part of their experience at the pioneer history center.

At one time or another five different steam railroads operated within the boundaries of Yosemite or the park's new administrative site at El Portal. One of these was a major passenger carrying road, the Yosemite Valley Railroad, into which some $10 million was invested in the early 1900's. The others were built to serve the various lumber companies operating in the region. These railroads are little more than memories today. The Age of Steam has passed.

Varied rolling stock

Yosemite has been fortunate in finding several units of rolling stock including a caboose, a geared locomotive and an auto rail car. These will be exhibited at El Portal, near the old railhead of the YV railroad. The caboose is in place now; the locomotive will be trucked in within the next few weeks.

Many of Yosemite's historic cabins are still in place, and that is the way we think it should be. We are doing our best to take care of them. But the visitor who hasn't the time or the energy to go out and find them can spend an interesting few minutes—or hours—at the Pioneer Yosemite History Center at Wawona or at the railroad history center at El Portal. Both will be open in time for the coming summer.

Peterson Gains Two New Honors

Harold L. Peterson, the Branch of History's internationally recognized authority on arms and armor, has been named president of the Company of Military Collectors and Historians and a director of the National Rifle Association.

Peterson is a founder and former governor and editor-in-chief of the Company, an international organization limited to a thousand members active in the military



Harold L. Peterson

history and collecting field. He has been serving on the Gun Collectors' Committee of the National Rifle Association, a 330,000-member organization devoted to fostering interest in firearms and conservation.

"Pete" is now representing the NPS at a meeting of the Association of Museums of Arms and Military History in Vienna under the auspicies of UNESCO. While in Europe he will also seek arms for Fort Caroline and other Service museums.

Lincoln Birthplace

All churches in Hodgenville participated in an unusually inspiring Easter sunrise service in front of the Memorial Building which houses the traditional Lincoln birthplace cabin. The pastor of the African Methodist Church preached the sermon amidst a loud chorus of birds in full voice.

Born 8 to Mr. and Mrs. James Dale Akin, on March 19, a son, James Lin. The new arrival is the first grandson of Supt. and Mrs. Ernest L. Wright, Jr.

WEEMS IS HONORED

At a meeting held in Roanoke, Va., on April 14, the Virginia State Chamber of Commerce presented Sam P. Weems, superintendent of the Blue Ridge Parkway, a certificate in recognition of his 25 years of service, vision, and creative effort in establishing the Blue Ridge Parkway as "America's most scenic highway."

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30 Attend 21st Training Course

Regions One and Five, EODC, the Washington Office, and National Capital Parks all sent trainees — a total of 30 — to the 21st NPS General Administrative Training Course, better known as Tolson Tech, in Philadelphia, May 16-27. Highlight of the course was a talk by former Director Albright on "The National Park Service — Now and in the Future." Newell B. Terry, departmental personnel officer, was also a special speaker. As always, Assistant Director Hillory A. Tolon acted as chairman. Training Officer Jules Eitington and Personnel Officer Leland Ramsdell were vice chairmen.

The trainees

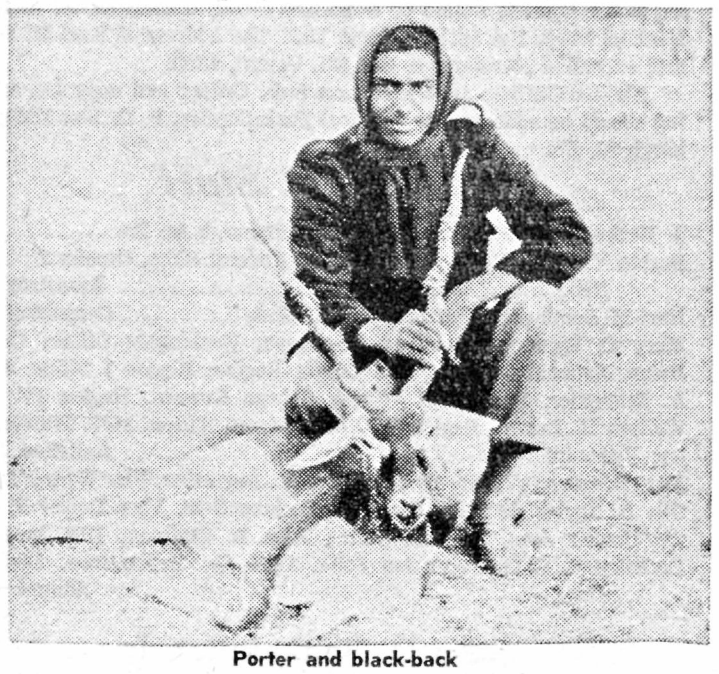
Here are the trainees: Jack S. Barnard, prop. and proc. agent, Great Smoky; Harold L. Blaisdel, supv. ranger, Saratoga; William E. Brown, publications officer, Region V; Richard G. Cover, horticulturist, NCP., James E. Crawford, arch. eng., Region V Office; Ramon J. Delgado, adm. officer, Independence; Philip F. Dellacasa, mgt. analyst, WASO; James F. Devenport, supv. ranger, Harpers Ferry; William R. Failor, supv. park specialist, Region V Office; Mrs. Wilhelmina Harris, supt., Adams; Philip R. Iverson, supv. ranger, C&O Canal.

David A. Kimball, historian, Independence; Albert Krueger, lieut., U. S. Park Police; Raymond L. Nelson, naturalist, WASO; Franklin J. Neubauer, regional lands, arch., Region V; Morris R. Nogle, foreman, Catoctin; Eugene G. Parisho, regional accountant, Region V; Edward S. Peetz, lands. arch., EODC; Paul Perricone, personnel officer, EODC; Harry W. Pfanz, historian, Gettysburg; John D. R. Platt, historian, Independence; Benjamin F. Powell, archeologist, Independence; Fred W. Quesenberry, Jr., classification spec., Region I Office.

James J. Redmond, horticulturist, NCP; Roscoe Reeves, supt., Booker T. Washington; Charles Rinaldi, admin. asst., Roosevelt-Vanderbilt; John G. Rogers, ranger, Gettysburg; Raymond Smith, adm. aid, Fort Sumter; Theodore C. Sowers, mus. curator, Morristown; Carlton E. Tinkham, accountant, NCP.

Poor Phil Welles! He Didn't Bag One Solitary Tiger, Dag Nab It!

A month's hunting trip in India last February was the unusual and pleasant experience of Phil Welles, superintendent of Coronado National Memorial. He went at the invitation of a long-time friend, Justus von Lengerke of Abercrombie and Fitch, and Von Lengerke and Antoine. Others in the party were



Porter and black-back

Justus, Jr., known as Butz, and Dr. Jack Hammett, New York surgeon, sportsman and conservationist.

"We flew via San Francisco, Honolulu, Tokyo, Hong Kong, Calcutta to Nagpur in Bombay State and trained and jeeped from there to our hunting camp in Madya Predesh, where we stayed the month of February," writes Phil. "We bagged two tigers (neither by me, dangit), a leopard each and assorted sambar (like an elk), chausingha (4-horned antelope), chinkara (Indian gazelle), sloth bear, black-buck, wild pigs, and plenty of delicious-tasting birds: peacocks, jungle fowl, grouse and doves. . .

"Meals were good and there were plenty of servants to feel pukka sahibish. I decided it was far better to be a dude than a guide.

"Of particular interest to a one-time grave-robber (GS-5) were the many remains of an old Hindu capital abandoned in the 14th century after the Moslem invasion. There was a large central compound of palace, well, barracks, funeral pyre and temple as well as scattered walls and buildings throughout the whole general area."

The homeward route was by way of Delhi, Bombay, Karachi, Istanbul, Frankfort, Hamburg, London and New York, where the party arrived March 5. "It took me another day to get home and although the trip played hob with accumulated annual leave, there are no tears," was the round-the-world traveler's conclusion.

It was in the 30's that Phil was himself a hunting guide in the Southwest and Mexico; and he acted as guide for Justus von Lengerke in 1938, - the start of a friendship that, in 1960, brought about this long-to-be-remembered trip.

STAFF OF MOUND CITY GROUP IN NEW OFFICES

On Friday, May 13, 1960, the Mound City Group office staff moved into the completed visitor center and administration building and began operations under a revised set-up. For the first time in more than 13 years the superintendent does not share his residence with the office.

While it might have been better to have all functions initiated at the same time, it became necessary, because of the local situation, to move the old furniture into the new building, and to utilize old display materials to assist in interpretation.

An Invitation to Our Friends of The National Park Service

When passing through the Southwest or the southern Rockies plan a stopover of 2 or 3 days in Mesa Verde National Park. You will need that much time to explore the spectacular ruins and to fully enjoy the fascinating story of a thousand years of prehistory, so well interpreted by the members of the Park Archeological Staff.

During the 24 years that we have served as concessioners in Mesa Verde National Park, it has given us pleasure to extend warm hospitality to vacationing members of the National Park Service and their families. If you visit at any time during the six spring weeks — May 15 to June 30 — or during the six autumn weeks — September 7 to October 15 — you can be sure of red-carpet treatment. Either of those periods is a wonderful time to visit Mesa Verde.

The arrangements are very simple; when within one day's travel of Mesa Verde call "Mancos (Colorado) 3651" and tell the Spruce Tree Lodge reservations clerk, "Ansel Hall wants you to save us the Honeymoon Cabin."

Your host —
Mesa Verde Company
Concessioner for
Mesa Verde National Park

The National Park Courier

Steve Mather's Family Newspaper

P. O. Box 11391, Pittsburgh 38, Pa.

The National Park Courier is the publication of the Employees and Alumni Association of the National Park Service. It is issued on the first Thursday of March, June, September and December; it is printed in Oakmont, Pa., and mailed in Pittsburgh.

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John D. Rockefeller, Jr.

The death of John D. Rockefeller, Jr., in Tucson, Ariz., last month marked the end of one of the most extraordinary individual careers in American history,—that of a man who, possessed of great wealth, had also a deep consciousness of the obligation resting upon him to make effective, socially beneficial use of his wealth. So large was that task that he had, of necessity, to delegate much responsibility for it to trusted associates; but we feel sure that his greatest satisfactions came from decisions that resulted from his own first-hand observations.

A case in point is the decision he made in 1952 to provide the money necessary to buy Linville Falls for addition to the Blue Ridge Parkway.

Fortunately for present and future Americans, the conservation of this country's scenic and historic heritage was one of his great concerns. The story of that field of Mr. Rockefeller's interest and generosity has been beautifully told in word and picture in "A Contribution to the Heritage of Every American," written by Nancy Newhall.

"His broad, unassuming knowledge and unshakable belief in the preservation of our God-given wonders of nature and our nation's historic shrines made him a leader never to be forgotten by the people of our land," said the Director in a message of sympathy and condolence to Mrs. Rockefeller. We feel sure that he spoke for all National Park Service folks, past and present.

The Glass Industry and the Service

The reconstructed and operating 1608 Glasshouse near Jamestown, in Colonial National Historical Park, is a striking example of how an industry can make a valuable contribution to the National Park Service. Sparked by over $100,000 from the Jamestown Glasshouse Foundation, the Works is now owned by the National Park Service and operated year-round by the Eastern National Park and Monument Association.

The Foundation said, in presenting the Glasshouse to the National Park Service, that they hoped this educational, industrial exhibit would inspire other industries to "go and do likewise."

To our knowledge, there is no other industrial group who are better friends of the National Park Service, than the Glassmen of America, who inspired, built and first operated the present Jamestown Glasshouse. We are grateful for this friendship.

Freehand-made, off-hand items produced at Jamestown in the manner of 350 years ago, make wonderful gifts. Colonial National Historical Park will send an illustrated brochure and prices on request.

BIGHORN ARE INCREASING IN DINOSAUR'S LODORE

In 1871, Frederick S. Dellenbaugh, artist and topographer for John Wesley Powell's second expedition down the Green and Colorado Rivers, reported sighting mountain sheep in Whirlpool Canyon in what is now Dinosaur National Monument.

From then until about 1940 bighorn sheep populated the monument. In the 1940's disease nearly eliminated them from the area. For about 10 years it is doubtful that any remained. Then, in 1952, the Colorado Fish and Game Department transplanted 32 animals in the vicinity of Trailer Draw on the north side of Zenobia Peak, just outside the monument. As was expected, they moved into the ruggedness of Lodore Canyon.

Little was known of the success, or failure, of this plant, although boat parties down the Green River occasionally reported seeing some of the animals. Arrangements were made during 1958 for Mr. William J. Barmore, Jr., of Utah State University, to study the bighorns as part of the requirements of his master's degree in wildlife management. Barmore has spent much of the time camped within Lodore Canyon, observing, counting, and, in general, learning as much as possible about this particular herd.

He reports there are between 90 and 100 sheep, exclusive of mature rams, which have successfully stayed out of sight. Most of the ewes, young rams, and lambs are concentrated in Lodore Canyon, from Browns Park to Echo Park. It is supposed the mature rams are hiding higher on the cliffs. Barmore expects to locate the rams when they return to the bands of ewes in the fall.

Storer Trustees Approve Sale Of Buldings At Harpers Ferry

On Tuesday, April 12, the Board of Trustees of Storer College at Harpers Ferry, voted unanimously to sell the college buildings to the Department of the Interior for inclusion in Harpers Ferry National Monument.

Acquisition of the property will open the way for development of a National Park Service training center at Harpers Ferry. The property will also provide a new utility and administration area and a more satisfactory location for employee housing.

Acquisition of the "John Brown Fort," presently owned by the college, will lead to its restoration at its historic location during the John Brown Raid. The fort, removed from its foundations in the 1890's, is a widely traveled structure. It was shipped to the Columbian Exposition in Chicago in 1893, returned to Harpers Ferry and located on a Shenandoah River farm, and finally moved to the college. Removal to its original location will mark the end of the Fort's travels and contribute to the historic scene being restored at Harpers Ferry National Monument.

Glacier Park Co. Wanting to Quit

J. M. Budd, president of the Great Northern Railway and its subsidiary, the Glacier Park Co., has notified the NPS of the company's desire to cease operating in the park and dispose of its holdings. The company has been the principal concessioner in Glacier National Park ever since its establishment. The Service is seeking a new concessioner but, according to recent report, has not yet found one.

When the park was established and for years thereafter, the Great Northern brought most visitors there; the park was an important creator of rail travel. Nowadays, rail passengers are a small fraction of the total number of visitors and the railroad has little need of carrying on such subsidiary operations as park lodge and hotel management.

A WORD ABOUT SAFETY

To The Editor:

All of us are interested in maintaining a driving record free from accidents. Here at Coulee Dam National Recreation Area we have gone one step further and have joined the National Safety Council's Safe Driving Award Plan. Enrolled in the plan are all permanent employees and the seasonal employees on the job six months or longer. Awards of hat pins, button-hole pins or key-chain oraments are given at the end of one, two and three years of driving without an avoidable accident, with the value of the award increasing after completing the fifth, tenth, etc., year of safe driving.

The value of this type of plan in any area is its creation of a sense of competition. With competition on safe driving, all employees are more conscious of where they drive and-how they drive; consequently that fender doesn't get dented and that driver did see that car approaching. The nominal cost of the Safe Driving Award Plan is compensated by the reduced amount of repair bills. Contact your National Safety Council today for detailed information.

James W. Todd

AMERICAN BAR HEAD YELLOWSTONE SEASONAL

Horace Albright recently sent in material on Whitney North Seymour, of New York, not long after Mr. Seymour had been elected president of the American Bar Association. Like Horace himself, Mr. Seymour seems to be a person to whom the presidency of this, the chairmanship of that, and the directorship of something else naturally gravitate; it takes a full double-space page of typing to list them all.

Omitted from the typed list of honors was the fact that he was a seasonal ranger at Yellowstone during the summer of 1919, "my first year at Yellowstone," Horace comments. He adds, "He is one of New York's most distinguished lawyers; in fact, one of the most distinguished in the United States."

Harold W. Sorrill has transferred from the position of chief, accounting systems section, Branch of Finance, in the Washington Office, to chief, Branch of Budget and Finance, Bureau of Commercial Fisheries, also in Washington.

Senator, Director Will Dedicate Blue Ridge Bridge Across James

Opening of the bridge across the James River on June 11 will close the last gap in the Blue Ridge Parkway between Shenandoah National Park and Roanoke, Virginia — a distance of 106 continuous miles of parkway. The dedication ceremony planned for opening of the bridge will start at Peaks of Otter at 11:00 A.M. Virginia's Senior Senator Harry F. Byrd will be introduced as guest of honor by Director Wirth. Following the ceremony at Peaks of Otter a motorcade will proceed to the bridge for a ribbon-cutting ceremony scheduled for 1:00 P.M.

Also scheduled to open along this stretch of parkway are concession operations at Whetstone Ridge, milepost 29, and Otter Creek, milepost 61. These will consist of a curio shop, lunch room and service station at each location. The Otter Creek development will also include a new public campground. Construction has started on a lodge at Peaks of Otter, milepost 86, to be available for use during the 1961 season.

To tell canal story

A new interpretive shelter will be constructed at the north end of the James River bridge starting this summer. When completed, it will contain an information booth and exhibits telling the story of the old James River Canal which passes nearby. A self-guiding nature trail and restoration of one of the old James River Canal locks in the vicinity of the bridge are also planned for the near future.

With the exception of an uncompleted by-pass around the City of Roanoke, Parkway visitors will be able to follow the Blue Ridge Parkway from Shenandoah to Blowing Rock, North Carolina, a distance of approximately 295 miles, when the bridge is opened to travel June 11. A 12-mile detour near Blowing Rock puts them back on the Parkway again which they may now follow into Asheville, North Carolina.

The Director Says:

Editor's note - The signer of what follows is the Director of the National Park Service; but it was not prepared solely for the **National Park Courier.** It is being published here in the certainty that every present and former employee of the Service will be interested in its contents. It was issued on April 29 as a memorandum from the Director to "Washington Office and All Field Offices." Its subject was "Death Valley Publicity." - HE

Doubtless you have become aware, or will become aware, of publicity given to a recent exchange of correspondence between the Special Government Information Subcommittee of the House Committee on Government Operations headed by Representative John E. Moss of California, Chairman, and Secretary of the Interior Fred A. Seaton. It involves a possible land exchange and an agreement on water rights between the Death Valley Hotel Company, Ltd., a subsidiary of the U. S. Borax and Chemical Company, and the United States. Such an exchange and water rights agreement may be made under the act of Congress approved July 2, 1958 (72 Stat. 295). By this memorandum, it is intended to provide you a brief summary of the situation to date so you will be able to answer inquiries if made to you about it.

The memorandum of Aug. 6, 1958

A 66-page memorandum of August 6, 1958, with many additional pages of exhibits, was prepared by a field attorney of the Solicitor's Office without our knowledge. It was forwarded to the Solicitor of the Department. This Service learned informally of the existence of the memorandum, but we were not asked to review or take any action on it. We have just been furnished a copy of it. When I first learned of the memorandum some time ago, but without receiving a copy of it, it was my belief that an investigation would be desirable to establish the facts and remove any questions that might exist. I felt confident then, and continue to do so now, after reading the memorandum, that neither this Service, nor any of its officials, has anything to hide or has acted against the best interest of the United States in this matter.

The memorandum drew numerous inferences and reflected upon a number of responsible individuals and Government officials, including Directors of the National Park Service from 1927 to 1958. It seemingly sought to establish a conflict of interest in lands and waters in the Furnace Creek area of the Death Valley National Monument between the Company and the Government.

Justice Dept. conclusion

The Department of the Interior referred the memorandum recently to the Department of Justuce for consideration and any action deemed necessary. That Department concluded that the memorandum did not constitute a basis for field investigation.

It is regrettable that disagreement has developed on the manner of handling the memorandum. Likewise, it is unfortunate that via the medium of publicity innocent persons may be tabbed presently with an apparent cloak of wrongdoing. However, I continue to feel, as I have from the beginning, that, with a complete check into the facts and a hearing on the matter, this Service and its officials will be vindicated. Undoubtedly, the Committee, too, will be only too glad

(Please Turn to Page 20)

Dear Herb!

Yep, I'll be yur first pade collumist. But evrebody must be Tolson (told, son) that I'm the won payin'—not you! Since I'm ewer 1st regler space buyer; jest let the welkin ringeth 4th that iff I'm to be tolled off by ENNYBODY thru the type in this here gossip-gabbin Rag, THEY must BY space so as to anser! Giv-m=space, but chargem =doe-ray! Have jest used up Vol. 5 #1 of yur paper. Rush the next 1. Now that we've red effrything at least TWICE about the Williamsburg BIENNIAL (not biannual) CONCLAVE, kant we have rite-off-the-griddle-stuf next time? "4 the gud of the Svc" lethers is a gud sugestun but not if they are to be just "reasonably free" to speak out and up! Thet smacks of burowkratic control over 1 of our most important freedoms! Do you always hev to make usuns look at that pikter of Robust Rosie and Happy Helen suffering with those 2 bigwigs? Njoyed yer social report on the social trip of the sociables you-know-whos to Hewawey. Also lyked yur sub line under the Pix of the 2 old ones on page 18. Do you get that mixed-up oftun? Say, old egg-shell, is it posh to mention that guy in the svc **W**hoos name starts **W**ith you no **W**hat letter on itch and effry page in your sheet? Can he be **W**orth that? Such a **W**aste of **W**ords **W**hen they cud be used in more **W**orthy **W**ays! So ole Abe Hummelly is now sonic-busting snow banks, huh? Thet's gude, but mebee not as much fun as Ardent Abbot haz in bussing buxom colonial babes, huh?

Aperule 30's Sattidy Eve Post hed sum fine choiz of top kulteral reedin: Hitler Haloosynations, the Sin Comity and Hummel's Tame Goats. All thet eshoe mist was a skolery disurtashun on black velDVS!

Couzin Con says 71 milyun sports to wizet NPs this year! Thets a nize rownd figger. Bout as many ez Blong to the interior trybe of Indian Ernests (mizspelt on purpuz). But good for Hamilton Store Kumpanys winter Yellowstone! Ketch onto that one?

A lot of you wur konspikous by yer abbcents at the big Winrock Cow Sale down near Ark's Morrilltun. Dident you take the invite serrius? Guess ewed druther Eatem than Buyem!

Kongrats on yer SIXTH granchile, Cuz Herb. Nothins bettor 4 biznez than more consoomers!

Ef ennybody is going to Poland this sumer via Germany, pleez give darling Dana a smooch fer me. She's m'babe, even tho she does look like her American grandmammy!

Well, sense the pryse you get 4 this yak is hi, I must quit. Butt, I hi-hope it will help keep you in biz. Please set all above copy in your ewesul ackeweret manner and print same karefullie as U awlways due. Ah wont pay suh, for Yankee Heirors! Set this boxed, cuzin, 2 cols wide, top of page opozet and rite bysyde DW's col—if i kaint get set ABUV him, then set me WIDER(and that will be going sum! Cordily yourn,—**PISGHGY PETE**

THERE IS NO ENTENDED REFRUNZ IN ENY OF THE ABOV TO ENY PURSON DEAD OR ALIVE IT WILL ALWAYS DEAL WITH THINGS — NOT PEEPLE!

Will Dedicate Bryce's Center

The new $250,000 visitor center at Bryce Canyon National Park will be dedicated on Saturday, June 18, with Secretary of the Interior Fred A. Seaton as the principal speaker. The program, beginning at 2:30 p.m., is expected to be attended by several thousand persons, including many prominent Utah officials and other dignitaries who have been extended special invitations.

The event is being sponsored by the Five County Organization of southern Utah in cooperation with the NPS. The Five County Organization is made up of officials from Beaver, Garfield, Iron, Kane, and Washington counties, and was organized to further the development of southern Utah and to increase visitor services in the area through a cooperative effort.

The visitor center, begun in 1958, was completed in December 1959 with the final installation of museum exhibits. Located near the park entrance, it provides interpretive information and orientation for visitors. In it are spacious staff offices, museum, auditorium, and public rest rooms.

Story Is Chosen One Of 10 Best

Colonial NHP has received word that a short story by **Phyllis A. Roberts,** former information receptionist, and daughter of Colonel H. K. Roberts, USAF (Ret) and Mrs. Roberts, has been selected by Houghton-Mifflin as one of the 10 best in America in 1959. "Hero" set in Richmond, Virginia, will be published in their yearly anthology. This volume will be sold wherever English is spoken and will also be brought out in a braille edition. Phyl is living at 5711 East Seaside Walk, Long Beach, California, and is working on a novel. She was on temporary duty in uniform during the Williamsburg Conference last fall. She is the author of the fine audio programs presented at Jamestown and Yorktown.

TO RAISE NEW FLAG

For the second consecutive year, Secretary Seaton will raise a new United States flag at Fort McHenry at a minute after midnight on July 4. Last year, the occasion was the first official display of the 49-star flag, for newly admitted Alaska; this year, the flag will contain 50 stars, for the new state of Hawaii. Fort McHenry was chosen for the ceremony because, by Presidential proclamation, the flag flies over the fort 24 hours a day "as a perpetual symbol of our patriotism."

National Monument Is Proposed On Southeast Missouri Rivers

On the basis of detailed studies conducted during the summer of 1959, the National Park Service recently recommended the establishment of an Ozark Rivers National Monument in southeastern Missouri. It would comprise about 113,000 acres along 190 miles of the Current, Jacks Fork and Eleven Point Rivers.

These river valleys contain an exceptional combination of features. The streams possess great beauty as they meander through the soft Ozark hills or surge between steep limestone cliffs. In some places the relatively unspoiled shores give an impression of wilderness. The springs in this region are widely known for their variety of form, attractive settings, and immense discharge. Six have an average flow of more than 65 million gallons a day each. There are many caves and sinks, and a number of prehistoric sites.

In addition, the proposed monument would offer many opportunities for active recreation. The rivers are ideal for canoeing and "floating" in John-boats, the traditional method of river travel. Fishing for bass and wall-eyed pike is popular. And it is fine country for hiking and horseback riding.

In addition to studies of various aspects of the area by Service technicians and outside consultants, embodied in a handsome report, the University of Missouri, under contract with the Service, made a study to determine the impact on the local economy that would result from establishment of the monument. The study concluded that the tax money gained from tourist facilities would more than offset losses resulting from removal of lands from the tax rolls.

Park Service Appropriation

The Interior Department Appropriation Act for 1961, signed last month by the President, included $83,060,000 for the National Park Service. This was $3,251,000 less than the budget estimate submitted to the Congress in January, but $3,643,000 more than was appropriated for the present fiscal year.

The breakdown by major appropriation titles is: management and protection, $18,575,000; maintenance and rehabilitation of physical facilities, $15,000,000; construction, $18,000,000; construction (liquidation of contract authorization), $30,000,000; and general administrative expenses, $1,485,000.

Though the second construction item listed above was reduced below the budget estimate by $4,000,000, the first was increased by $1,400,000. Of the $18,000,000, certain amounts are identified or earmarked as follows: $1,690,000 for additional campground and picnic facilities over and above those included in the budget estimate; $200,000 for planning for restoration of Ford's Theater; $25,000 for purchase of a patrol boat for Yellowstone; $1,650,000 for developments at JNEM; and $2,200,000 for land acquisition. This last includes $500,000 for Minute Man National Historical Park; $250,000 for Independence; $540,000 for Mammoth Cave; $100,000 for Petrified Forest; $400,000 for Civil War areas; and $410,000 for other areas.

Cooperative Dig at Independence

On April 23, a new type of archeologial research program was initiated at Independence National Historical Park. Jointly directed of Park Archeologist B. Bruce Powell and Dr. Jacob W. Gruber, professor of anthropology at Temple University, it is designed to produce benefits for both the University and the NPS.

Under the program, students in Dr. Griber's class in archeology each spend two days excavating on a site of historical importance in the park. Formal instructional phases of the project are handled by Dr. Gruber. He assigns each student his particular task and directs his efforts in attaining technical proficiency. The students are made responsible for all mapping, maintenance of records, and the actual excavation. Powell has overall supervision and he provides information on the historical background of the site and such technical advice and assistance as are necessary.

While the first project has not yet been completed, Powell and Dr. Gruber are well pleased with the program to date. They feel the students are gaining valuable training in archeological techniques and methods. The students themselves are enjoying the experience and have indicated their appreciation for having had such an opportunity. Independence National Historical Park is accomplishing valuable research with a minimum expense.

CARVER VISITOR CENTER DEDICATION ON JULY 17

Assistant Secretary of the Interior Roger C. Ernst will dedicate the new $150,000 Visitor Center at George Washington Carver National Monument on July 17. The cost of the new facilities at the Monument is nearly $500,000.

The building will house mementoes of the famed Negro scientist. Included among the exhibits is the bed in which Carver slept as a boy. Framed for display are collections of his writings such as "How to Grow the Peanut and 105 Ways of Preparing It for Human Consumption" and "How to Grow the Cow Pea and 40 Ways of Preparing It as a Table Delicacy."

The program dedicating the new facilities at the Monument will include Governor Blair of Missouri and possibly the prominent Negro songstress, Miss Mahalia Jackson. Regional Director Howard W. Baker, of Region Two, will be the master of ceremonies.



Five Generations

Mrs. Annie Sanders, file clerk and assistant to Naturalist Earl Jackson at Southwest Archeological Center, is the center spoke in a wheel of five generations of the family of Mrs. Annie Underwood of Globe. In the photograph above, in the usual order, are Mrs. Underwood; Mrs. Ida Moreland, daughter of Mrs. Underwood and mother of Mrs. Sanders; the latter's son, Captain Albert L. Sanders of Cherry Point, N. C., and his daughter, Kelley Jean.

Montezuma Well Will Display Large Pre-Pueblo Earth Lodge

Visitors at Monezuma Castle National Monument will soon be able to view one of the few pre-pueblo "pithouse" or "earth lodge" structures on display in the Southwest. Many of these early dwellings have been excavated, but the difficuly of stabilizing exposed earth walls and floor usually makes it necessary to back-fill the pithouse when the excavation is completed. Visitors to the southwestern National Monuments have had to content with visualizing the homes that antedated such structures as Montezuma Castle, Casa Grande, and Wupatki from small-scale models or excavation reports. Only at Mesa Verde and Chaco Canyon had Chaco Canyon National Monument display of sub-surface prehistoric structures been accomplished.

An unusual find

A combination of excellent excavation, "know-how", and luck made it possible to preserve the pithouse near Montezuma Well. In 1958, the Museum of Northern Arizona, by contract with the National Park Service, assigned Curator of Anthropology Dave Breternitz to explore an area where pithouses had been indicated by surface potsherds and earlier testing by NPS Archeologist Al Schroeder. Completely buried pithouses are not easy to find; and all too often they prove to have been badly damaged during centuries of neglect. By luck, Indians had, some 800 to 1,000 years ago, built an unusually large and interesting earth lodge in the vicinity; its floor, subsequently buried under several feet of dirt fill, had been exceptionally well preserved. Combining the knowledge, field experience, and intuition of a good "dirt archeologist", Mr. Breternitz discovered this structure and was able to identify it with the early irrigation farmers (the Hohokam Culture) of the Verde Valley.

These people, using the pithouse 200 to 400 years before the better-known masonry pueblos of the local caves and mesas existed, are believed to have built the first irrigation ditch leading from the outlet of Montezuma Well to nearby farm lands.

Shelter now completed

The outside dimensions, at the floor level of what was originally an earth and wood structure, are about 36 feet by 20 feet. Details of the entrance-way, firepit, and roof support post-holes are clearly seen. Stubs of the juniper posts and wall members were found still imbedded in many of the post-holes.

With the combined talents of the Ruins Stabilization Unit and of Region Three Office architects, plans for protecting the floor were made and a shelter was designed. This spring, the shelter was completed; stabilization of the floor and the earth sides of the excavation are now being undertaken. With the addition of a walkway around the structure, all future visitors to Montezuma Well will be able to get a first-hand look at a type of building which preceded the 14th-century pueblos of Montezuma Castle and Tuzigoot.

El Portal, Modern Community, Will Relieve Yosemite Valley

BY JOHN W. STRATTON

None of the many improvements MISSION 66 has brought to Yosemite is more significant and far-reaching than the acquisition and development of the El Portal Administrative Site.

El Portal, a pleasant little community located 14 miles from park headquarters in Yosemite Valley and 2 miles below Arch Rock entrance station, was owned by the El Portal Mining Co. until 2 years ago. In recent years it has been inhabited largely by National Park Service and concessioner employees. At the very outset of MISSION 66, the Service looked to El Portal as a solution of one of the park's most troublesome headaches.

What was needed

Director Wirth pointed out that park and conservation experts had long been concerned over the growing development and congestion on the floor of the world-famed Yosemite Valley, especially developments not directly serving the visitor but required for overall operation of the park. All agreed that developments in the Valley should be limited to what was needed to serve the visitor directly and that other necessary facilities should be located elsewhere. To accomplish this required the establishment and development of an operating base outside, but near, Yosemite Valley to serve the entire park.

Fortunately the El Portal site was available, and on Sept. 2, 1958, Public Law 85-922 was approved, authorizing the Secretary of the Interior to acquire approximately 1,200 acres in the El Portal area.

A modern community

Last year the park issued an information sheet which explained that the Park Service's development plan contemplated a modern community, planned for satisfactory town living, with all necessary community facilities for Government, concessioner, contractor and public utility employees; and that the entire area acquired by the Service would be zoned, designating residential, commercial, and utility areas.

How is the plan working? Progress seems slow to the people who are trying to get the job done, but Yosemite's staff is proud of a number of accomplishments.

Early in the game it became obvious that the Service would need a resident "mayor" to handle the myriad details of a major undertaking such as this. Selected for the chore was hard-working Park Ranger Jim McLaughlin who, in addition to his other duties, retained supervision of the busy Arch Rock entrance station. Jim is the local image of the well-known "one-armed paper hanger."

More concessioners

All residential and commercial leases in effect as of Dec. 1, 1958, have been honored by the Service. New residential special-use permits have been prepared and the business people have joined the family of Yosemite concessioners. El Portal Motor Inn provides accommodations and meals and El Portal Market offers a wide variety of merchandise. The El Portal Motor Service takes care of the motorist's mechanical needs, and Standard Oil has a service station.

Completed in April was a beautifully-designed 62-unit trailer camp which will serve to house trailers of Government, concession, and contractor employees.

Last month a contract was awarded for construction of a bridge over the Merced River to connect State Route 140 (the All-Year Highway) with the new El Portal area. The 192-foot, 3-span reinforced concrete girder bridge will cost $89,796.

For next fiscal year.

Programmed for 1961 fiscal year are 20 employee residences, residential area roads, and a new sewer plant. Scheduled later are a new elementary school, an incinerator to replace the one that now smokes up Yosemite Valley, and various administrative, warehousing, storage, and shop facilities to replace those not actually required in the Valley. An additional 75-unit trailer camp will make room for the employee trailers still remaining in the slum-like Camp 6 near Yosemite Village, and later will be opened to park visitors when the employee housing situation improves.

The concessioners have plans, too. Under the present contract, El Portal Motor Inn will build several more modern motel units, and a swimming pool is in the offing. The El Portal Market will have a new building sometime within the next few years.

Concessioner employee housing

The Yosemite Park & Curry Co. will eventually use El Portal sites for open-air storage and stockpiling new and used materials. Under MISSION 66 planning it is contemplated that concessioner employees residing in the valley will be those, primarily, the nature and character of whose work makes it necessary for them to live there. Any replacement or additional housing for employes other than these is to be provided at the new operating base. Concurrently, old housing now occupied by such personnel in the Valley is to be razed.

All the planning for El Portal isn't going to bear fruit this year, next year, or the next, but each accomplishment will relax some of the pressure on the Valley. John Muir described Yosemite as "a place of such stature that the people should care for it." Through El Portal, the Service and the concessioners are working together to heed Muir's advice.

TETON HISTORY MUSEUM TO BE OPENED IN JUNE

A history museum featuring the western fur trade and the early history of Jackson Hole and Grand Teton National Park will be opened to visitors in early June. The large exhibit room, said to be one of the finest fur trade museums west of the Mississippi, occupies one wing of the Moose visitor center. Administrative offices in the building, which also serves as the park headquarters, have been occupied since November 1958.

An informal open house celebrating the establishment of the new museum will be held sometime in July.

BIG BRIDGE CONTRACT

Late in April, the NPS let a $1,267,010 contract for the first of three stages of construction on the Natchez Trace Parkway bridge across the Tennesee River in northern Alabama. When completed, the bridge will be nearly a mile long and will have cost about $6,000,000 — probably the most costly ever constructed by the Service.

Dedication Reveals Big Bend's Campground, Road Improvements

By Margarete R. Johnson

Nearly 1600 persons gathered at Big Bend National Park on Sunday April 3 to participate in the dedication of a number of completed MISSION 66 projects there. As the visitors drove to the site of the ceremonies, the beautiful cottonwood grove in the Rio Grande Village area, they crossed 3 new bridges, traveled over 5½ miles of new road and passed through the first vehicular tunnel to be built in Texas. All of these were parts of the first group of major improvements under the MISSION 66 program.

In addition, at Rio Grande Village they saw many new facilities for increased and more enjoyable visitor use. These included an irrigation system for the village with 9½ miles of ditches and laterals, a modern pumping system and desilting ponds, a new campground development consisting of 62 completed and 60 partly completed campsites, 3 group campsites each with a capacity of 50 people, 5.2 miles of campground roads, parking spurs and parking areas completed for the campground picnic area and the future concessions area. In addition, 10,100 trees have been planted to provide shade for visitor protection and comfort.

Early morning devotions

Early arrivals for the dedication ceremonies assembled under clear skies in sunny weather for outdoor devotional services at 9:30 a.m. A much larger number were present for the ceremonies which followed at 11 o'clock.

Superintendent Joseph welcomed the visitors on behalf of the Service. Hugh S. White, chairman of the Big Bend National Park Development Committee which sponsored the dedication, gave the opening remarks. R. C. Jordan, president of the West Texas Chamber of Commerce was the master of ceremonies. Representing Governor Price Daniel was Glenn Garrett, executive director of the Texas Good Neighbor Committee. Assistant Regional Director George Miller, former Big Bend superintendent, also addressed the group.

Allen notes Mission 66 progress

Regional Director Tom Allen of Region Three, representing the Secretary of the Interior and the Director, made the dedicatory address, in which he noted the progress being made by the Service under MISSION 66.

Representatives from El Paso, Midland, Fort Worth, Presidio, Marfa, Fort Stockton, Abilene and other Texas cities attended the historic ceremonies. At their conclusion, most of the visitors enjoyed a West Texas-style barbecue, fitting climax to a pleasant and memorable day.

YELLOWSTONE PIONEERS WITH 5-DAY SEMINAR

A 5-day management seminar was held in Yellowstone National Park from March 22-28 to present the latest management techniques to park personnel.

Besides members of the Yellowstone staff, officials of the Mountain States Telephone and Telegraph Company of Denver; the Anaconda Company; the Region Two and Washington Offices; and instructors from Montana State and the University of Montana participated in the seminar, the first such field meeting in the National Park System.

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Canyon Hotel, Half Century Old, To Disappear from Yellowstone

The world-famous Canyon Hotel, one of Yellowstone's outstanding landmarks, will soon pass into oblivion. The half-century-old structure, which has housed thousands of prominent personalities and people from all walks of life, has been found structurally unsound and will not open its doors this summer.

An inspection of the building in September 1958 showed it had been badly wracked over the years by snow deposits on the northeast roof, heavy wind lashings on the southwest walls, a sliding of the hill to the north, and a heavy upheaval on foundation walls and footings due to frost action and ice pressures. A thorough examination by an architectural firm has determined that it is not economically feasible to rehabilitate it. Parts of it are definitely unsafe for occupancy.

Construction no small job

The hotel was constructed during the long winter months of 1910-11. Erecting an outstanding building in the heart of the Rocky Mountains, 8,000 feet above sea level and some 40 miles from the nearest railroad, was a huge task. It cost more than a half-million dollars, quite a sum in 1910.

The nails, brads, and spikes for the building had to be heated during the construction period to supply the 100 or more carpenters who worked on it. All of the material had to be hauled by horse-drawn sleds, often in blinding blizzards over snow more than 4 feet deep, with drifts from 12 to 20 feet deep, and across frozen creeks and rivers. Skilled handlers of horses and sleds and toughened individuals throughout the winter brought lumber, hardware, cement, tiling, doors, windows, tools, machinery and supplies for men and horses. More than 250 men were engaged in the construction job.

Huge lounge was unique

Robert C. Reamer of Seattle, Washington, was the architect. He also designed Old Faithful Inn and the old Northern Pacific Depot at Gardiner, both outstanding and unique log structures. The large inlaid map of the United States which appears in the lounge of the Mammoth Hotel is also one of his accomplishments.

The significant feature of the Canyon Hotel was its huge lounge. This room was 200 feet long and 100 feet wide, with a floor of polished oak and walls and ceilings of exquisite Wisconsin red birch. The north end of the lounge contains the stage, or platform, for the orchestra, and is flanked by wide, grand staircases. There is nothing to compare with this room in Europe or in the world, with the possible exception of the Imperial Hotel in Tokyo, believed to have been copied in part from it.

Alternate facilities

The new Canyon Village, located less than 2 miles to the north, will provide the housing and feeding facilities needed by visitors in the Canyon area. Besides a large comfortable campground and a visitor center, Canyon Village contains 500 modern cottage rooms, all with bath and centrally heated. It can accommodate 1,500 overnight guests. There are also a cafeteria, dining room and coffee shop, a picture shop, a large general store, and a service station.



THE GREAT LOUNGE, CANYON HOTEL (Haynes copyright photo)

Cape Cod, Padre Island, Oregon Dunes Picked for Preservation

S. 2010 would authorize the designation and acquisition of three major seashore areas. In mid-April Secretary Seaton recommended amending the bill to list by name three which appeared to warrant inclusion in the National Park System. He picked Cape Cod, Mass., Padre Island, Tex., and Oregon Dunes, Ore. He also recommended that the amount to be authorized for expenditure to acquire the areas be increased from $15,000,000 to $25,000,000.

"We feel," Seaton said in a letter to the Senate Committee on Interior and Insular Affairs, "that investigations and hearings with respect to" the three areas "have proceeded to the point where arrangements reasonably satisfactory to most of the interested persons can be agreed upon." His letter pointed out that they are geographically well separated and that each has distinct characteristics.

Wirth pleads for Point Reyes

At about the time that Secretary Seaton was expressing approval of Cape Cod, Padre Island, and Oregon Dunes, the Director was appearing in California at a hearing before the Senate Committee — with the approval of the Department — giving reasons why the acquisition of the Point Reyes Peninsula was desirable from the standpoint both of the national interest and local economic benefit. "The Secretary is keenly aware" of Point Reyes' "high standing among the nation's last remaining natural seashore areas," he told the committee.

It should be noted that the Service's surveys of the Atlantic, Gulf, Great Lakes and Pacific shorelines have disclosed a considerably greater number than three areas of sufficiently distinguished character to warrant national participation in their preservation. In view of the rapid diminution in mileage of unspoiled shore and hinterland, there are many persons who believe that the situation calls for an even larger program of Federal acquisition, which would — or should — be supplemented by efforts on the part of the States and other public agencies to acquire the best of whatever areas are not included in a Federal program.

Cramton Quits Politics at 84

The active connection of Louis C. Cramton with the National Park Service and its concerns antedates the beginnings of most present-day Service careers; yet, as readers of Shankland's "Steve Mather and the National Parks" know, he exerted a powerful influence in its behalf during the first 14 years of the Service's existence, when he was a leader in the House of Representatives. Following his departure from Congress in 1931, he was for two years a special attorney for Secretary of the Interior Wilbur, was for 7 years a circuit judge, practiced law in his home town, Lapeer, Mich., and is now completing his seventh term in the lower house of the Michigan Legislature; his first term was in 1909-10. He recently announced at 84 years of age, that he was not a candidate for reelection because loss of hearing made it impossible for him to perform his legislative duties properly.

Writing to his son, Louis K. Cramton, Horace Albright recently referred to him as the "noblest Roman of them all."

"I think he was as fine a legislator as I have ever known or as I have ever heard of," Horace wrote. "He was an ideal legislator . . . Of course, he was one of the great conservationists of our time. His work for the District of Columbia and its environs and his support of the National Park Service and its activities will be recorded and reviewed in history books for all time.

"Of course, he could be ruthless and tough when he had to be. There was never anything personal or mean in what he did. Once, after I had worked for months on the NPS Budget, leaning over backwards to try to get something for every Park but Yellowstone, your father, as Chairman of the Appropriations Committee, cut $600 off my Yellowstone appropriation. When I complained, he said, quoting from the Bible, 'Whom the Lord loveth he chasteneth.' He is a great man and I hope he lives to be at least one hundred."

THE DISTAFF CORNER

Santa Fe

Santa Fe — Wives of the employees of the Region Three Office marked the 27th anniversary of their social organization, the National Park Service Women's Club, in April. The present membership numbers 54, among them four charter members: Alice (Mrs. John E.) Kell, Madelyn (Mrs. Jerome C.) Miller, Herdis (Mrs. Harvey) Cornell, and Paula (Mrs. Milton J.) McColm. Mrs. Cornell, Betty (Mrs. Paul R.) Franke, and Polly (Mrs. Preston P.) Patraw, wives of retired employees, are active in the club as are the widows of three former employes, Mrs. Blanche Bradley, Mrs. Bunny Hendricks, and Mrs. Gertrude Van den Heuvel.

Present officers are: Gail (Mrs. Leslie P.) Arnberger, president; Corky (Mrs. David J.) Jones, vice president; Ella (Mrs. Alvin O.) Hurst, secretary; and Ella (Mrs. Albert H.) Schroeder, treasurer.

While the club is basically a social group, it has, for the past 4 years, actively supported the Santa Fe Christmas Community Store, a project designed to eliminate overlapping of the activities of social and service organizations in providing for the needy of the city. Through the Community Store, an equitable distribution of money, food, and clothing to the less fortunate is assured. The late Mrs. David H. (Helen) Canfield was the first chairman of the Women's Club participation. Mrs. Natt N. (Hap) Dodge was chairman for last Christmas. Emphasis has been placed on providing for the needs of teen-age girls, often overlooked in the effort to bring Christmas cheer to family groups and younger children.

With the help and support of women employees of the Region Three Office, sewing bees are held throughout the year to make and alter skirts. Blouses are made or bought by the members, who also furnish pieces of costume jewelry and other assorted items for giving to teen-agers. More than 200 items were provided this year. A number of formal dresses were also collected so that needy girls could attend high school dances.

So the kids can swim

Another project last summer was the purchase of tickets for needy children to enjoy use of the municipal swimming pool.

In addition to its monthly luncheon meetings, the club entertains the husbands of members at a dinner meeting at Bandelier National Monument each July. It also joins with the Southwestern Recreation Association in sponsoring the annual Christmas party for employees and their families.

Named 1st Lady

An item in the Fredericksburg, Va., **Free Lance - Star** of April 2 notes the naming of Mrs. Oscar F. Northington, Jr., as Fredericksburg's First Lady of 1959. Mrs. Northington is the wife of the superintendent of Fredericksburg and Spotsylvania County National Military Park.

The item, topped by a 4-column head, and at least a column in length, lists the activities of the honored lady, who received the honor at the 11th annual First Lady reception of Alphi Mu chapter of Beta Sigma Phi sorority. There are so many of these activities that the mere reading of them tends to leave the reader a little bit breathless, and wondering how one person can find the time to participate—and to participate actively and effectively, as Mrs. Northington does—in so many things. There is nothing she hasn't been in the Virginia State Federation of Women's Clubs. A member of the Richmond Women's Club, she is also an honorary member of no less than five others.

The Episcopal Church, the American Heart Association, the Virginia Cancer Society, a special state commisson to study the problems of the State Department of Welfare, the League of Women Voters, a statewide Girl Scout Committee, — these are just some of the things that have benefited either from her organizing ability or her ability to get things done, — or both.

We almost forgot to mention that she is the author of a book on the Virginia Federation of Women's Clubs and has another in the mill dealing with the Virginia cancer-control movement.

Sequoia-Kings

Cheers for the Federal Women of Sequoia and Kings Canyon National Parks, who have taken over the collection of contributions to the approved fund drives. In past years, this sometimes ticklish job was handled through the Assistant Superintendent's office, with division chiefs attempting to contact each employee. Now in 1960 the plan of having the women handle this work has been tried out and it has proved to be very successful.

The women volunteer for each drive as it comes along and they make personal calls at each employee home. The personal touch has changed the attitudes and employee participation is up considerably over previous years. - **I.T.B.**

Twenty-three years ago the wives of government employees in Sequoia National Park organized what they called the Federal Women's Social Club. Through all these years, the club has gone on, some years very actively, and some years very quietly, but never disbanding. That is a good record for a small group to keep going. During all those years these women have been responsible for carrying out many community projects. This, too, is the group that is the ram-rod organization for many of the social functions that keep Park Service people at Sequoia and Kings Canyon Parks a happy, well-knit group. - **I.T.B.**

Grand Teton

The number of Grand Teton entries in the Arts and Hobbies Show at Williamsburg were proof that this is an active and creative group, fortunate, too, in having excellent instruction. Ceramics flourish under the direcion of Betty Yeager, and weekly rug-braiding progresses with the guidance of Emma Potts.

The entries of Emma Potts and Eleanor Suazo were casualties of their Williamsburg trip; but to make up for their loss, both ladies received attractive Jamestown hand-blown glass pitchers, - compliments of the NPS Arts and Hobbies Committee, Colonial, and J. Paul Hudson, museum curator, - a very much appreciated gesture. **—J.B.**

SOUTHERN FLORIDA EAGLES

Aerial observation of nests in and near Everglades National Park indicates that the bald eagle population of southern Florida consists of 60 nesting pairs. The bald eagle is a steadily diminishing species.

Rockefeller National Park Gifts Add up to Almost $17,000,000

The objectives to which the National Park Service is devoted have benefited in almost numberless ways from the generosity of the late John D. Rockefeller, Jr., and his family over a period of at least 36 years. Cash donations of Rockefeller funds to the Service reached a total of $4,259,543, according to a recent compilation; gifts of land represented an investment of $9,323,981; and other gifts are shown as totaling $3,201,168. These came from a number of immediate sources, - from Mr. Rockefeller, direct; from the Laura Spelman Rockefeller Memorial; from the Rockefeller Foundation, Jackson Hole Preserve, Inc., and Caneel Bay Plantation, Inc. Altogether, they add up to nearly $17,000,000.

For Great Smokies

Largest single item among these benefactions was the contribution of more than $5,000,000 toward the purchase of lands for Great Smoky Mountains National Park; $2,125,000 went to the purchase of lands for Grand Teton National Park, which has benefited also by cash contributions, chiefly for further land purchases, of more than $750,000. Some idea of the degree of Mr. Rockefeller's responsibility for Acadia National Park as it exists today is found in the fact that his benefactions there involved the expenditure of nearly $3,000,000.

Earliest items in the long list of contributions, and dated 1924—about the time that Mr. Rockefeller's interest in Jackson Hole and the Tetons was first sparked—are $6,000 for museum cases, furnishings and excavation work at Mesa Verde, and $75,550 for the Yosemite Museum.

Virgin Islands National Park

While it appears that all of the younger Rockefeller generation share their father's interest in conservation, Laurance S. Rockefeller, who heads Jackson Hole Preserve, Inc., and Caneel Bay Plantation, Inc., is the most active in the field. His leadership in it led to his appointment as chairman of the Outdoor Recreation Resources Review Commission. Perhaps the most notable action which may be credited to him—and one to which he has given deep personal interest—was his acquisition of more than 5,000 acres on the Island of St. John which, when deeded to the United States, brought Virgin Islands National Park into being.

Search-And-Rescue Operations Keep Shenandoah Rangers Busy

District Ranger Fred Vest and his two associates, Rangers Norman H. Davidson and Robert E. Cook, of Shenandoah National Park, this year had an unusual number of pre-season searches for lost persons to work on. A 1-o'clock-in-the-morning call to Norm from an anxious parent late in March sent him and Fred scurrying through countless snowdrifts and braving chill night and early morning temperatures to find a group of young people who had ventured on a day's hike over Old Rag Mountain. Ultimately they found the group, - a dozen lightly clad, lightly shod boys and girls and two adult leaders, all huddled despairingly around a fire in a road. The rescuers had hot coffee for them; and they tore up a blanket to wrap numbed feet. One girl, unable to walk, was carried on a blanket stretcher almost a mile to the ranger car. Fortunately, expected frozen fingers and toes did not materialize.

Cook got his chance at organizing a search when the parents of a 17-year-old boy told him at 9 o'clock one evening that the youth had failed to meet them as planned at a road junction several hours before. A search that ultimately used the services of 14 park employees, and that lasted all night and until noon the following day was finally successful. The boy had decided on a change of route, misjudged the distance and difficulty of it, and bedded down in leaves at nightfall. He seemed quite unconcerned about the effort that 14 people had exerted all night and all morning in his behalf.

Four nights later a 9-year-old boy wandered away from his parents during a walk along the Appalachian Trail. Again Fred and Norm were called on to undertake an after-dark search, this time down over a rugged and rocky mountainside. Down at the bottom of a hollow the small boy, seeing the ranger's light, called a timid "Hey," to end the search just before midnight.

3,500 Acres Are Added to Zion

Zion National Park was enlarged by nearly 3,500 acres—2,000 in private ownership—when President Eisenhower signed Public Law 86-387 on Feb. 20. It had been jointly presented by Senators Bennett and Moss and co-sponsored by Rep. Dixon, all of Utah.

Part of the addition adjoins the park's south boundary at the mouth of Zion Canyon. With the staff expansion resulting from MISSION 66, 80 acres of private land there is critically needed for a residential area. Developments here will facilitate the withdrawal of others from the confined and delicate scenery of the upper canyon.

Lands to be added in the northwest part of the park enclose superlative land forms formerly just outside and establish the boundary along natural barriers. The Kolob Terrace, scene of the major enlargement, is endowed with striking scenery differing greatly from the pine and fir country, with massive red sandstone walls and peaks forming a unique backdrop.

While much of the land is not yet Federally owned, bringing it inside the park boundary is expected to deter future abuse of the private land, in order to maintain a higher sale value as recreational land.

Expected in April, a daughter, Stephanie, arrived for Accounting Technician William Alford and his wife Betsy on February 24. At 4 pounds and 11 ounces, she was as cute as a button and not much bigger. Now she is as big and chubby as babies come.

A fifth child (fourth girl), Cindy, arrived March 26 to join Storekeper Glen and Edith Hepner's brood.

A stag party was held on March 26 for Park Ranger Arden Schiefer, retiring after 36 years of service. Arden first worked on a survey crew in 1923, and shortly thereafter became a park ranger. Supt. Oberhansley presented him with a watch from his fellow employees.

Those who miss Arden's friendly welcome at the South Entrance will find him nearby. He plans to keep busy on his farm which, in the recent adjustment of Park boundaries at the south end, wound up as an inholding. His address is Springdale, Utah.

Procurement Assistant LeRoy Van Cott had nearly completed a book entitled "My Twenty-five Years as a GS-5." He had to throw out the manuscript when he was promoted to GS-7 on February 17.

Supervisory Accountant Harold Danz and family arrived on April 17 from Grand Teton. Harold transferred laterally to replace Jerry Espivig who accepted a civilian position with the Army at Fort Ord, California.

Joshau Tree

Park Ranger Charles T. (Tom) Meier, has received an award from the Region Four Incentive Awards Committe for his suggestion for a Group Campsite Sign with reversible section to indicate "Reserved."

Regional Director Merriam is recommending that this type of sign be considered for Service-wide adoption in areas where changing conditions make the use of neat-looking alterable signs advisable, and that the idea be published in GRIST.

Naturalist Dick Youse was partly right on his predictions about the good wildflower year at Joshua Tree. Although the wildflowers didn't bloom as long as we had expected, they were lovely while they lasted. However, the Joshua-trees and Mohave yuccas really outdid themselves this year. As reported in the last issue, Joshua-trees were found blooming in December. The visitors didn't have to search for a stray bloom during March and early April — the blooms were very large and very prominent right from the roadside.

Dr. Richard B. Loomis, Department of Biology, Long Beach State College has received a $15,000 grant from the National Institute of Public Health. He has been working with Drs. Dennis G. Rainey and Elbert Sleeper, also of Long Beach State, and collaborators at Joshua Tree, in the collection of vertebrate chigger mites.

Drs. Rainey and Sleeper have been working on the ecology of the Joshua-tree woodland community.
Jean E. Pavalka.

Lake Mead

A cooperative law enforcement conference of Federal, State, and municipal agencies was conducted late in March in Boulder City, under the sponsorship of Lake Mead National Recreation Area. Representatives of the Department of Justice, military organizations, the Sheriffs' offices from nearby counties, Nevada and Arizona Highway Patrols, local police officials, and rangers from the NPS discussed ways in which they can cooperate in making southern Nevada and northern Arizona a safer and more enjoyable area for local residents and visitors alike.

Success of the conference was such that a follow-up session was scheduled for May 3.

The reality of MISSION 66 continues to be evidenced at Lake Mead NRA with the programming of public use development to meet the ever-growing need to keep pace with the popularity of water recreation.

Major contracts that have been let in recent months are: Pave roads and construct water system and campground roads, Las Vegas Wash, Nev., $76,149; construct 7 modern comfort stations and a picnic shelter — 3 comfort stations at Boulder Beach, Nev., 2 each at Willow Beach, Ariz., and Cottonwood Cove, Nev., and a picnic shelter at Willow Beach, $74,428.15; and pave roads and construct parking area at Willow Beach, $51,421.00.

Vicksburg

H. R. 11726, introduced at the 2nd session of the 86th Congress, would consolidate Vicksburg National Military Park, would provide for certain adujstments necessitated by the installation of a park tour road, and would accomplish other purposes.

The main purpose of the bill is to preserve and protect the essential historical features of Vicksburg National Military Park and to enhance visitor enjoyment and safety. With this legislation park lands can be consolidated and boundary adjustments made to effect a closed one-way park tour route and to furnish all property owners now using park roads the necessary accesses to state, county, or city roads and streets.

Park Historian James W. Coleman, Jr., was placed on military furlough as of COB February 12, 1960, to allow completion of six months active duty. Ralph L. Roye entered on duty as Supervisory Park Ranger on February 3, coming to Vicksburg from Colonial National Historical Park.

A potluck get-together dinner honoring these two occasions took place in the Superintendent's home, giving the employees a chance to say "Hello and welcome" to the Royes and "So long for awhile" to Jim.

Lassen Volcanic

Extremely light snowfall in the southern section of the Cascade Mountains will undoubtedly result in early opening of the Lassen Peak road. Crews began their snow removal operations on April 18 and during their "pioneering" with Caterpillar tractors, discovered that the snow pack is less than that of 1959. The greatest snow depth encountered was 26 feet at Emerald Point; elsewhere the measurements averaged between 9 and 12 feet. Rotary snowplows began operating on April 25 and it was expected that the road would be open to visitor travel without the usual road controls before the Memorial Day weekend.

The crawling, creeping creatures of Lassen Volcanic are the subject of an official investigation. The study is being conducted by Park Naturalist Robert Badaracco. Its purpose is to determine what species of reptiles and amphibians are present within park boundaries, since little is known about the distribution and habits of this group of Lassen's fauna.

The study will result in a more thorough inventory of this interesting group and will also provide data for a new Loomis Museum Association publication, to be written by Badaracco.

Vandalism is the subject of a new display at the Loomis Visitor Center in Lassen Volcanic National Park. We understand that this is a "first" in treating vandalism in display form. The idea was born when a park visitor was apprehended carting 10 pounds of rocks and minerals from Lassen Peak. The display realistically shows just what vandals and collectors can do to the natural scene through the removal of even "relatively insignificant" amounts of specimen material by showing the estimated number of dumptruck loads taken in a year by the unthinking park visitor.

March seemed to be a month of illness for the young people in the Lassen area. About half of the Mineral School children came down with the chicken pox, and one case of mumps was also reported. Perhaps hardest hit of the community were the Prasils. First Robin, then Richard, then Beth Prasil came down with the pox. Because Mrs. Prasil feared Timothy, born Feb. 7, would contract the disease, much of the mopping of fevered brows, etc. was done by Dick who did not fear the disease because he had had it while at Carlsbad Caverns, or so the leave slip said.

Then, shades of Shakespeare, came the Ides of March, when Prasil senior contracted the disease again. There was no doubt as to diagnosis this time. They said it couldn't be done, but Dick did it. After a 3-week siege he finally came back to work resembling a cross between Fidel Castro and a paint horse, - bearded and spotted. Shortly afterward, Timothy, then two months old, underwent a hernia operation. March 1960 will long be remembered by the Prasils.

Albrights Say "Hearty Thanks"

The **Courier** is happy to print the following message, entitled "A Message to Our Friends," at the request of Grace and Horace Albright. Speaking of the Albright Testimonial Dinner and the Lectureship on Conservation, Grace wrote, "There are folks we're afraid we haven't reached who had a part in this wonderful tribute, and this will help us reach them." The "Message," in printed form, has been mailed to all those connected with the efforts to honor the Albrights whose names were known to them.

"We have reluctantly taken this means," it reads, "of expressing our heartfelt thanks to you who so generously joined in the tributes of the December fourth dinner and the establishment of the Lectureship on Conservation at the University of California, as well as to you who sent affectionate messages to our home.

'We had hoped to write personally to each of you but we have just received the master list of the dinner guests and of those who shared in founding the lectureship. We now realize that we cannot cope with the volume of correspondence this desire would involve.

"You have done a very wonderful thing for us, for our children, and for the cause of conservation which is so dear to us. We shall always cherish your kind sentiments and we shall be eternally grateful for your abiding friendship.

"Grace and Horace Albright"

$5,000 GIVEN TO BUY MOORE FAMILY ITEMS

In April the Eastern National Park and Monument Association sent Colonial National Historical Park a check for $5,000 with which to purchase Moore family items owned by Mrs. Charlotte Pendleton Goldsborough, believed to have been in the Moore House at Yorktown (where the terms of Cornwallis' surrender were formulated) during the American Revolution.

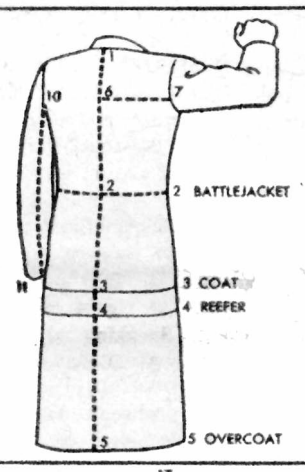
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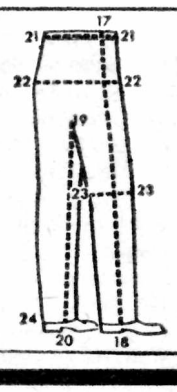
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WAIST LENGTH From collar seam 1 to waist 2	
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CHEST MEASUREMENT High under arms over blades in back	
WAIST 21 to 21 all around	
SEAT 22 to 22 all around	
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WAIST 21 to 21 all around	
SEAT 22 to 22 all around	
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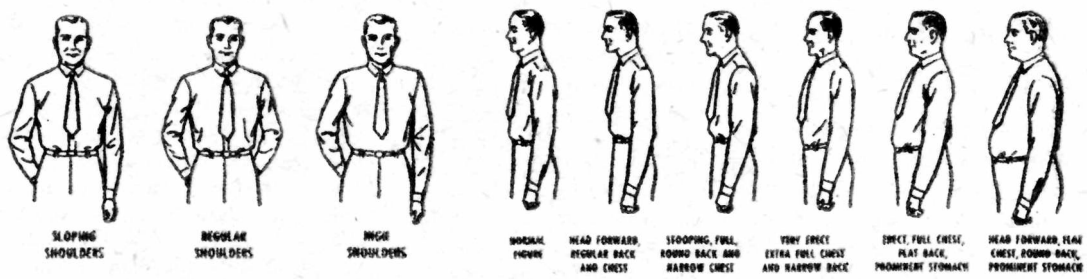
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TALK ABOUT BOOKS

This Is the American Earth

This majestic volume, eloquent with breathtaking photographs and the power of poetic language, voices perhaps the most beautiful and impressive cry for preservation of the wilderness since the writings of John Muir. Superbly printed black-and-white pictures by Ansel Adams and others are organ tones to Nancy Newhall's prose poem in which, with a psalmist's command of language, she exhorts, "Tenderly now let all men turn to the earth."

This Is the American Earth dramatically traces man's brief yet devastating tenancy of the earth; his quickening hopes in the New World; and his growing conviction, after wilderness struggle, that wilderness is beautiful and that "we, the living, are now and throughout time responsible for what happens to the earth, to man, to life."

With mounting yet resrained fervor, the authors ask "to what shabby hells of our own making do we rush a poisoned, gutted planet?" Then quietly they plead that for the most crucial of all resources - Man's spirit - the glories of the natural world be cherished. "To any beauty," writes Mrs. Newhall, "we must come as lovers, not destroyers."

This Is the American Earth was produced under the auspices of the Sierra Club and is being distributed by Alfred A. Knopf, Inc. The content of the book stems from a proposal made several years ago by the National Park Service that some specific use be made of the Sierra Club's LeConte Lodge, a memorial to Joseph LeConte in Yosemite Valley. It was Ansel Adams' idea that an exhibit of photographs and text be prepared "that would combine to explain what the national parks are really all about." - to quote Dave Brower's fine foreword. After an intense search for understanding, Nancy Newhall selected, compressed, arranged, and restated to produce the finished product, which Brower calls "stirring counterpoint."

The Sierra Club hails the book as the most moving work it has ever published. Many will agree, yet lament the fact that the handsome book, at $15 a copy, is probably too expensive for wide readership. However, it is hard to quarrel with giving broad format and quality gravure to Mr. Adams' "Winter Storm - Yosemite," or "Dawn, Mount Whitney," or "Burnt Stump and New Grass," or to William Garnett's "Flight of Pelicans over the Sun's Reflection," or even his terrifying aerial view of Los Angeles. - J. M. K.

Cliff Dwellers of Walnut Canyon

Carroll Lane Fenton and Alice Epstein have combined their talents to produce a readable and interesting book on the prehistoric Indians of the Southwest at Walnut Canyon. Though "Cliff Dwellers of Walnut Canyon" was written primarily for children, it contains much to interest the adult as well. since it recreates life as it was probably experienced by a prehistoric family. It should stimulate interest in a period of American prehistory that has been neglected in the field of children's books.

"Cliff Dwellers" explains the ancient settlement, the construction and method of building the houses, and why they were built in caves. Through the medium of a small boy and girl helping their parents, it explains how the early inhabitants cultivated their fields, harvested their crops, and performed their everyday chores. It explains the harvesting of wild plants and the hunting of game as well as the many other ways the Indians at Walnut Canyon utilized their environment.

Albert Orbaan and Mr. Fenton have supplied excellent and accurate pen-and-ink drawings to illustrate every phase of early pueblo life.

As far as we know, this is Fenton's first venture into the field of archeology but both he and his wife, Mildred Adams Fenton, are well known for their works in the fields of natural history, particularly geology. - **Meredith M. Guillet**

"Cliff Dwellers of Walnut Canyon" is published by the John Day Company, Inc.

The National Forests

Although Alfred A. Knopf Inc. brought out Arthur H. Carhart's "The National Forests" more than a year ago, as a companion volume to Freeman Tilden's great book on the National Parks, I had never happened to see a copy of it until recently. It is an extraordinarily well-done book — and good to look at — about one of the most interesting, extensive, and valuable segments of the estate that, like the National Park System, is jointly owned by all Americans. There is reason to wonder sometimes if the Department of Agriculture has not forgotten that latter fact.

For administrative purposes, the Forest Service has divided the country up into 10 forest regions; Carhart has shown that each of these has a distinctive character of its own, which he has revealed in very perceptive fashion. One of his main theses is that geology has played a fundamental role in shaping and determining that character; for that reason, his account of each of the 10 regions is illuminated by an explanation of its geology.

An alumnus of the Forest Service, Carhart isn't a professional forester, but a landscape architect and city planner; his employment by the Forest Service was as a landscape architect. His job was to plan and design recreational areas and facilities in the National Forests. Because of that background, his slant on the National Forests and the way they are managed differs somewhat from that of the professional forester. His book does not suffer on that account.

I was interested in finding out what, if anything, was Carhart's attitude toward the Forest Service's holy phrase, "multiple use." I found out in the opening chapter, and learned a good 5-dollar word at the same time.

"Federal bureaus," Carhart wrote, "seems to have more than their quota of semasiologists, who invent official words and phrases. An exasperated Texan named Maury Maverick called the more confusing jargon 'gobbledy-gook,' and appropriately, that name has been included in most American dictionaries.

"A gobbledy-gook term loosely used in relation to the national forests is "multiple use.' " This characterization of it is strongly confirmed by Chief Forester McArdle's recent statement, "Nearly everyone has his own definition" of multiple use "and they are all different." — H.E.

New Book Tells Story Of Quake

When a good part of Yellowstone National Park and a lot of the surrounding country was picked up and shaken last August, one of the seasonal members of the park's interpretive staff was Dr. William A. Fischer, professor of geology at Colorado College, and a Yellowstone interpreter of many years experience.

Since January 1, 1960, Dr. Fischer has been on the Yellowstone interpretive staff as a permanent geologist on loan from his college; his job is to evaluate and interpret the earth-shaking events of last August 17.

One of the first fruits of his labors, a 100-page publication entitled "YELLOWSTONE'S LIVING GEOLOGY - Mountains and Earthquakes," is being issued by the Yellowstone Library and Museum Association. Bob McIntyre, chief park naturalist and executive secretary of the association, informs us that this fine little book will be off the press on or about June 15 and that readers of the **National Park Courier** can obtain copies of it for $1 apiece, mailed in the United States. He adds that orders for more than 5 copies will not be acknowledged until after July 1.

"For those who want the real story of what happened in and about Yellowstone during the earthquake and what may happen in the future, we heartily recommend this new publication," says Bob.

Chickamauga and Chattanooga

Following a visit here some months ago, Leigh DeLay, editor of the **Oakley** (Kansas) **Graphic,** sent the park copies of two lively war documents. One was a post-war letter written by a Chickamauga veteran describing to his family his experiences there. The second was a diary of one Sgt. Axel Reed, 2nd Minnesota Regiment. The sergeant entered the action at Chickamauga at some disadvantage. Placed under military arrest (without confinement) the previous July, he reached Chickamauga with no gun and still under arrest. However, he went onto the field of battle, picked up a gun from a fallen comrade, and fought with distinction. Later, at Missionary Ridge, he led his company over the top, only to lose his arm as victory was within grasp. He later turned down a discharge for disability and served for the remainder of the war. This record brought him the Medal of Honor in 1898.

After 15 years service, Tour Leader William H. Cox retired on April 30. He began his service as an historical aide under a war service appointment in 1945 and in April 1952, was promoted to tour leader. During his entire career he assisted in carrying on the park's interpretive program, meeting and receiving visitors to the park and furnishing them information regarding the park and the Civil War battles fought in and around Chattanooga in the fall of 1863.

Mr. Cox resides at 3608 S. Broad Street, Chattanooga, Tennessee.

Approaching his 80th birthday, George F. Wilson also closes his career in National Park Service with 15 years at Chickamauga and Chattanooga National Military Park. He retired on May 31. Mr. Wilson began his service as an Historical Aide in 1945 under a War Service appointment. In 1952 he was promoted to Tour Leader, in which position he remained until his retirement. Most of his service was spent at the entrance gate to Point Park, and in this post he was the first Park Service employee contacted by most of the visitors to the park. His friendly greeting and sharp wit won for him the affection of the visiting public.

Mr. Wilson laughingly tells of the little boy who one day approached him shyly and asked in amazement, "Did you **really** fight in the Civil War?"

Mr. Wilson resides at the Hogshead Apartments, Chattanooga, Tennessee. — **Alice Lee**

Everglades — The Park Story

Published jointly by the Everglades Natural History Association and the University of Miami Press, "Everglades - The Park Story," by William B. Robertson, Jr., has gotten off to a fast start in sales, - and deservedly. Robertson, who is the field research biologist at Everglades combines a thorough knowledge of the park, exceptional understanding of it, and an easy-to-read-and-understand style.



BILL ROBERTSON

John D. Pennecamp of the **Miami Herald,** who wrote the foreword for this beautifully printed little booklet, calls it a "before-and-after book." He said, "It is recommended as ahead-of-hand reading to enhance the appreciation of the first-time visitor to Everglades National Park. It has equal worth as a reference and to evalute the park's sweep, charm, and appeal for the reader who may or may not have experienced them."

The chapter headings give a good idea of the scope of the booklet. They are The Everglades Landscape, Natural History, Mammals, Birds of the Everglades, Reptiles and Amphibians, Fish and Invertebrates, Plants, and Man in the Everglades. Not only are there lots of illustrations; they are very well reproduced, including four pages in full color. It has been suggested that, when another edition is issued, a table of contests be added and the solid text be broken up by sub-headings for greater readability.

Bill Robertson, a University of Miami graduate with a Ph. D. from Illinois, has been research biologist at Everglades since 1956, but his intimate acquaintance with the park antedates that by several years. He worked there during the 1950-51 season on a University of Illinois fellowship and was a seasonal fire control aid the following season.

"Everglades - The Park Story" contains 88 pages and a full-color cover. It sells for $1.00.

YELLOWSTONE, GLACIER REDUCE THEIR ELK HERDS

The 1960 elk reduction program at Glacier, conducted in January and February, resulted in taking 78 animals, approximately the quota established. The meat—more than 15,000 pounds of it—was made available to needy Blackfeet Indians.

Yellowstone's reduction program, on the other hand, fell far short of its goal of about 2,200 animals. About 50 were harvested by hunters north of the park; 135 were trapped and shipped from the park; and 674 were reduced in the park. However, appreciable reductions during the past four years have resulted in survival of new aspen reproduction and the reappearance of grass on eroded hillsides.

MOSQUITO PROBLEM

Since salt marsh mosquitoes at times put a considerable damper on recreational activities at Cape Hatteras National Seashore, the NPS and the U. S. Public Health Service are conducting a joint preliminary survey to determine the extent of the mosquito problem and to consider the possibility of a long-range control program.

MISSOURI RIVER BASIN RECREATION REPORT OUT

Recreation Today and Tomorrow in the Missouri River Basin is the title of the 135-page report on the recreational potential and needs of the Missouri Basin prepared by the NPS in cooperation with the Missouri Basin Inter-Agency Committee. The report came off the press in mid-February.

Following general discussion of the character of the 10-state basin, the profusely illustrated publication considers each state separately. It finds there is a considerable unmet need for park and recreation areas within day, week-end and vacation reach of the large population centers, and indicates the many and varied possibilities for meeting these needs.

The report, produced by the Government Printing Office, can be bought from the Superintendent of Documents, Washington 25, D.C. for $3.00.

WHITNEY SUMMIT A BREEZE

Looks as though climbing to the top of 14,495-foot Mount Whitney, highest peak in the United States outside Alaska, has become just another walk. When the climb closed for the year, it appeared that during 1959, 5,490 persons had made the summit, compared to 4,178 in 1958.

NCP GETTING NEW SHOPS

For many years, the maintenance shops of National Capital Parks have been at 15th and C Streets, S. W., on park land behind the Bureau of Engraving and Printing. No longer adequate for a maintenance program the size of the one carried by National Capital Parks, and unsuitably located in an in-city park, a move elsewhere has been in contemplation for a long time. Now it has been forced on Harry Thompson and his cohorts by the fact that much of the area on which the shops are located will be needed for the Inner Loop Freeway.

The new site for the shops is in Brentwood Park, at New York Avenue and Ninth Street, N.E. A contract for grading and excavation was let last June; money is in hand — $1,244,900 — for the construction required. This is expected to get under way this spring, and should be completed in about a year.

This Bricklayer Is Early Riser

The **Courier** reporter at Fort Pulaski — one Ralston B. Lattimore, superintendent — contributes this and, we assume, vouches for it.

Fort Pulaski is the only area in the National Park System which has a bricklayer on its permanent staff. Bricklayers are upper crust, like surgeons. The bricklayer is James F. Corey. Corey is one of those rare individuals actually in love with his job. He has 25,000,000 bricks under his wing and he is like a setting hen. He is so afraid one of the bricks will get away from him that he gets up before daylight and rushes back to Fort Pulaski to make sure that each brick is still in place. A few weeks ago he arrived just before dawn and let himself in through the postern gate.

Now Jim is a little nearsighted and as he came through the sallyport he saw before him on the parade ground what appeared to be a large dog. This was most peculiar because no dog would have a key to Fort Pulaski.

"Nice doggie! Come doggie!" said Jim.

But the doglike apparition was aloof to coaxing. So Jim advanced step by step quietly talking and trying to make friends with the large dog. Suddenly the animal came into focus and Jim found himself looking eye to eye with a 40-pound lynx. For a long moment the bricklayer and the cat looked at one another in wonder. Then Jim Corey went north and the cat went south. Between the two they broke the sound barrier.

"We haven't seen the cat again," our reporter adds, "and we don't know how he got into Fort Pulaski."

Too Much Snow on Blue Ridge

This past winter set an all-time record for snowfall on the Blue Ridge Parkway. During most of February and March its entire 469-mile length was closed by snow. Depths up to 3 and 4 feet were common, but severe drifting caused the most trouble. The parkway recorded drifts of 12 to 15 feet in many areas; others as high as 30 feet were found in the nearby countryside.

Many families in isolated mountain regions adjacent to the parkway were stranded by drifts for a week or more at a time, and the mountains of western North Carolina were the scene of numerous emergency rescue and food-supply trips, involving local, state, and federal agencies. In the Doughton Park area, rangers assisted the National Guard and American Red Cross in supplying food and assistance to stranded families in Ashe and Alleghany Counties. Rangers Kline and Penny spent two days reaching an isolated family in the Fancy Gap area, but found them in good condition, with sufficient food to last.

The parkway's Rocky Knob Maintenance Area was snowed in for 6 days in February during what was recorded as the worst storm in that area in 46 years. Two Park Service homes there were without light and heat for 31 hours during the peak of the storm but managed to get by using the available wood in the area in the fireplace.

Tony Stark, assistant chief ranger and for the past two years chairman of the parkway safety committee, received a superior performance award of $200 for his successful leadership of safety efforts on the Blue Ridge Parkway. Under his chairmanship, the committee has taken its assignment seriously, with regular inspection of facilities and equipment for hazards; analysis of accidents; special training for groups and individuals; and sound recommendations for corrective action where needed.

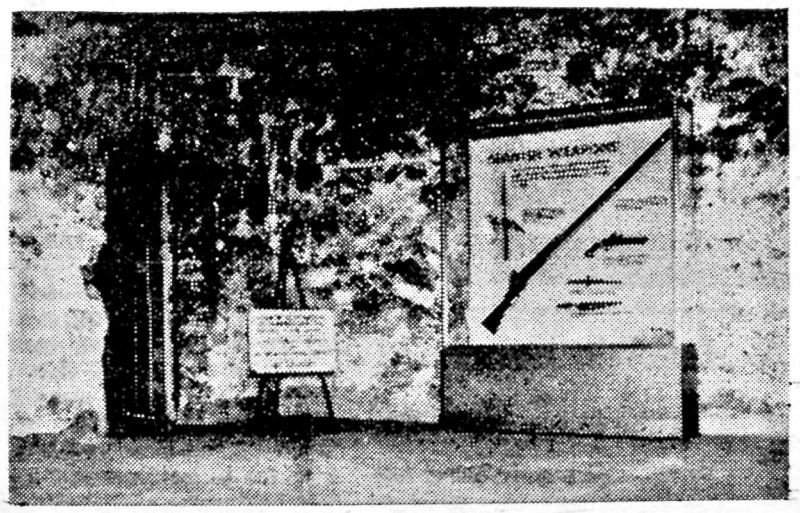
New civil engineer on the parkway is Collin E. Farmer, a graduate of VPI. Farmer was in Germany with the U. S. Infantry 1952 to 1954.

William G. Lord, former parkway naturalist, has produced the second of an ultimate four guides to four sections of the Blue Ridge Parkway; it is expected off the press about the time this issue of the **Courier** appears. It covers the natural history, history and points of interest to be seen along the parkway from Roanoke, Va., to Blowing Rock, N. C. The first sectional guide appeared last year, and provides the same sort of information about that section of the parkway between Blowing Rock and Asheville, N. C. The Stephens Press of Asheville is the publisher.

The third guide, covering the northernmost section of the parkway, from Shenandoah National Park to Roanoke, is planned for publication in 1961. The fourth, from Asheville to Great Smoky, will not be issued until that section of the parkway is completed. The publisher hopes ultimately to issue all four in a single volume.

OBSTETRICIAN DAVE

During a recent talk at Caneel Bay Plantation, Virgin Islands National Park, Naturalist Dave Karraker was holding a small lizard egg and describing the creature that someday would hatch from it. A sudden tremor shook the egg and out popped a much confused but very lively lizard.



NEW HISTORIC ARMS EXHIBIT FOR CASTILLO DE SAN MARCOS
This exhibit at Castillo de San Marcos might be considered the result of a double-barrelled donation. The historic weapons were donated by the government of Spain at a formal ceremony at the Spanish Embassy on October 11, 1958. Through other donations, by St. Augustine friends, the exhibit panel and museum case were designed and built. These weapons date from the 1500's to the late 1700's, which makes them appropriate as a means of interpreting the history of St. Augustine. The attractive display possesses an international "Fifth Essence", or flavor, because the five ancient weapons were given by the people of Spain and they are displayed through the generosity of the people of the United States.

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for Conservationists

Nancy Newhall and Ansel Adams
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Early this year the Sierra Club of San Francisco brought out this lovely book, a handsome quarto containing 82 superb photographs, chiefly by Ansel Adams but by other masters of the camera as well, accompanied by a most appropriate and poetic text by Nancy Newhall. The book grew out of an exhibit of photographs and texts that combine to explain what national parks are really about. We are proud indeed that the vereable Sierra Club (it was founded in 1892 by John Muir) is allowing us to distribute what is by far the most important book the club has ever published.

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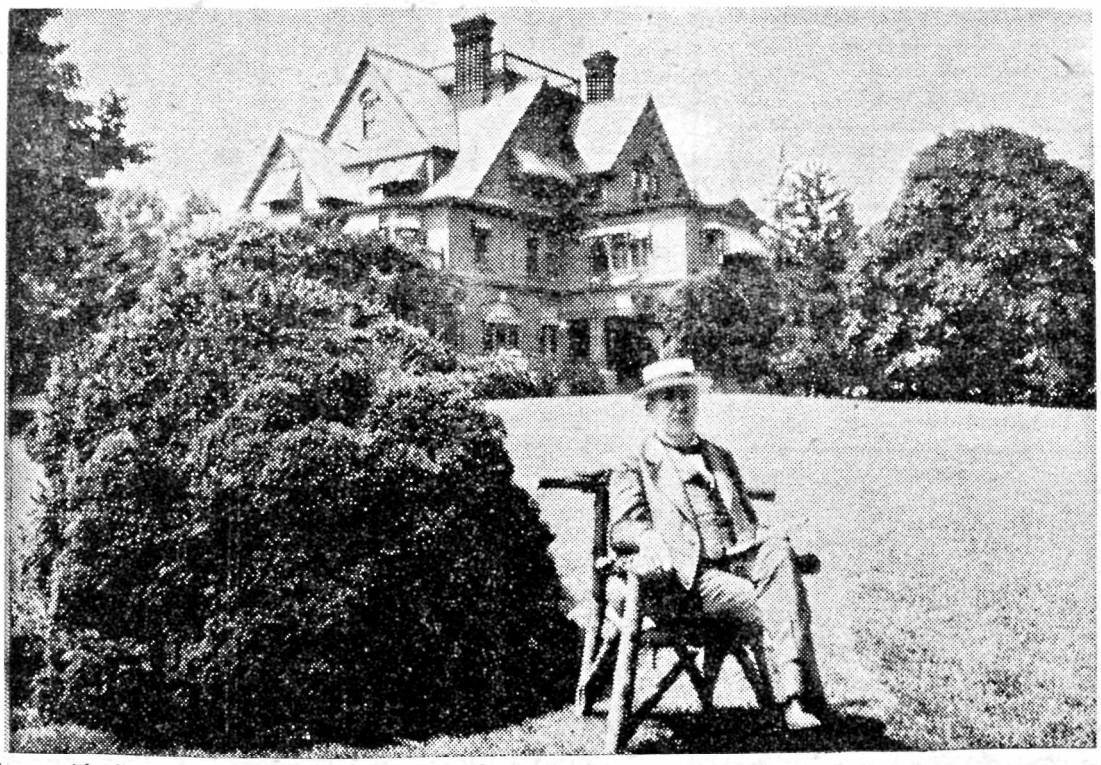
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Edison's Llewellyn Park Home, Glenmont, and Funds Given U. S.

By Melvin J. Weig

Donation of a $1,000,000 historic property for addition to the National Park System is something to write home about; but when, along with it, comes $28,600 towards first-year's operating expenses, such news can legitimately be shouted from the rooftops. That was what happened when Glenmont, the home of Thomas Alva Edison at West Orange, N. J., was presented to the people of the United States.



Transfer of the land and buildings took place on Aug. 3, 1959, when Charles Edison, eldest living son of the great inventor and former governor of New Jersey, formally turned over the Glenmont keys to Assistant Secretary of the Interior Roger C. Ernst, with a deed of gift from the McGraw-Edison Co. The same day, at a luncheon held in the "Den" at Glenmont, Max McGraw, president of the company, gave Mr. Ernst a check for $25.000. A few weeks later, through the Brook Foundation, Governor Edison provided another $3,600 toward first-year operating costs.

Furnishings also donated

Before the end of the year, Governor Edison and his sister, Mrs. John Eyre Sloane, joined with the McGraw-Edison Co. in presenting almost all the historic furnishings contents of Glenmont to the Government.

The house and grounds had already been designated the Edison Home National Historic Site, in non-Federal ownership, in 1955. After Thomas A. Edison, Inc., now a part of McGraw-Edison, donated to the Government the original buildings built by Edison in 1887 as a research laboratory, President Eisenhower proclaimed the area a national monument on July 14, 1956. This group of structures, where Edison and his co-workers spent 44 years investigating, discovering, and developing new things, became the prototype of the great modern industrial research laboratories.

To the laboratory, often called Edison's "work bench," has now been added his "thought bench," the house in which he mainly lived during the latter productive period of his life. The two complement each other to make a complete whole.

Located in the sylvan setting of Llewellyn Park, an area of fine residences and less than a mile from the laboratory, Glenmont has 13½ acres of attractively landscaped grounds, developed to focus on the house. On the grounds also are several greenhouses, a gardener's cottage and potting shed, a 2-story garage, and a fair-sized barn.

Edison's first wife, Mary Stilwell Edison, died in 1884, leaving a young daughter and two sons. Having chosen Miss Mina Miller of Akron, Ohio, as his second wife, he offered her a choice of three homes,- the one in Llewellyn Park and two in New York City. Visiting Glenmont with him a month or so before their marriage, she unhesitatingly chose that estate. They came there to live soon after their marriage in February 1886. It was to be the inventor's home until his death in 1931, his widow's until she died 16 years later.

The many-gabled house was built in 1880. In its construction only the finest obtainable materials were used; its interior finish and furnishings were of similar excellent quality. The small first-floor library contains scores of great literary works, some in first editions. In the reception room may be seen a small pipe organ, which Edison often played himself. Behind the drawing room, dining room and conservatory is the large, souvenir-filled den at the rear. Upstairs at the front of the house is the large library and living room that Mr. and Mrs. Edison regarded as their private retreat. A picture window looks out from it over a wide lawn and the valley below; its walls are lined with memorabilia and a varied collection of books. This room seems most perfectly to embody the spirit of Glenmont. On the same floor with it are five bedrooms, including the one in which Edison died.

"Lenghthened shadow"

Glenmont is first and foremost a home, filled with cherished memories of the famous inventor, his wife and their children and grandchildren. Much of the lived-in warmth and charm that permeates the house stems from Mrs. Edison's wise care and management. Governor Edison says of it, "In its truest sense Glenmont is like Emerson's definition of an institution—it is the lengthened shadow of a man."

Not yet opened to the general public, the establishment of an appropriate admission fee, provision of suitable protective devices, and development of other essential plans and procedures are under way. These preliminaries should be completed soon. Meanwhile, it is expected that the Edison Home and Laboratory will shortly be designated together as the Edison National Monument.

Aerobic Bacteria! Front and Center!

WODC engineers designing sewage disposal units have found an ally in the oxidation pond or, more indelicately, the raw sewage lagoon

Nature assigns the job of decomposing wastes to two types of bacteria, — aerobic bacteria which need light and oxygen, and anaerobic bacteria which do not. Anaerobic bacteria, which work in septic tanks, produce odor. The oxidation pond provides a medium in which odorfree aerobic bacteria can work. The confined wastes are no match for these aggressors and are soon evaporated as harmless carbon dioxide, ammonia, and other nutrients.

It's very simple

This economical process requires no involved design, no manual operation or cleaning, and only occasional maintenance to remove encroaching vegetation. It does require a watertight soil extending over a large area, open to sunshine and wind. The continued presence of a water cover is a necessary feature, so the process is not suited to a seasonal, intermittent operation.

In many of the western parks an area meeting these conditions is readily available. Consequently, such ponds are now serving Park Service communities at Theodore Roosevelt NMP and at Death Valley, Badlands, Organ Pipe Cactus, and Fort Union National Monuments. The results to date have been encouraging. — J. F. Weiler

Contintental Can Donates 14 Acres

Continental Can Company of New York has donated 14.19 acres of land to the United States for the Fredericksburg and Spotsylvania County Battlefield Memorial National Military Park. The land consists of high ground on the Orange Plank Road where Generals Jackson and Fitzhugh Lee observed the Federal right flank and planned the attack at Chancellersville in May 1863.

Gettysburg Cyclorama Building Is Shaped Like Great Pendulum

The Gettysburg Visitor Center-Cyclorama building, now under construction, is located on the eastern edge of historic Ziegler's Grove. In general the building, measuring 355 feet in overall length, has an outline which resembles the pendulum of a clock—composed of a large circular portion and a long stem.

The circular portion is 125 feet in diameter, almost 400 feet in circumference, and 58 feet high, about the height of a 5-story building. On the ground floor of this portion the Museum Branch will have a display that will occupy most of the perimeter, with space for a 200-seat auditorium and the mechanical room.

To View The Cyclorama

In the middle of the circular portion is a ramp which extends around a central drum 32 feet in diameter and provides access from the ground floor to a viewing platform at a height of 24 feet. It is from this viewing platform that visitors will view the Paul Philippoteaux Cyclorama painting, which makes a complete circle near the outside perimeter of the building. After installation in the new building, the Cyclorama painting will measure 354 feet by 26 feet.

The stem of the building, measuring 230 feet by 20 feet, contains a lobby on the ground floor and another lobby on the second floor with access to the exterior of the building. There is an outside ramp from the second-floor level to the roof level and a view deck on the roof of the building. The stem of the building also contains the administrative offices and public restroom facilities.

Pools And Waterfalls

There are many distinctive features of the building, but one of particular interest is the detail of water pools. The entire roof of the stem is a water pool with a waterfall provided at one end that drops down into an intermediate water pool on the roof of the auditorium. The lowest water pool is at ground level outside of the first floor lobby.

The building is predominantly of reinforced concrete. The roof over the circular portion is supported around the circumference of the building by steel trusses.

President Eisenhower took President De Gaulle of France, on a brief tour of Gettysburg National Military Park on Sunday, April 24, when the two famous world leaders were visiting the Eisenhower home adjacent to the park.

Cliff Arquette (Charley Weaver) of TV fame is the chief publicity agent for the Gettysburg Battlefield Preservation Association. This nonprofit association, formed less than a year ago, is doing a tremendous job in extending preservation of the Gettysburg battlefield site. The corporation is conducting a nationwide drive for private donations, to be used to assist in acquiring lands within the battlefield area. Cliff Arquette has made many appeals on his various television shows, requesting that donations be sent to The Gettysburg Battlefield Preservation Association, Inc., Box 1863, Gettysburg, Pennsylvania.

Langley's Career Wins Him Honor

Henry Langley, chief of the branch of programs in the Service's Washington Office, received a citation for meritorious service, signed by Secretary of the Interior Seaton, at a ceremony in Director Wirth's office on his retirement after more than 31 years with the Park Service.

Harry, as he was called by his friends and associates, joined the Service in 1928, as an architectural draftsman with the Branch of Plans and Design Office in San Francisco. During his 12 years there he made valuable contributions in selecting scenic routes and sites in western parks and monuments. In 1940, he came to the Washington Ofice as an architect, and in 1945 became chief of the development programs branch. In this capacity, he established the first formalized design and construction programming for the Park Service. Because of his outstanding success in that assignment, he was appointed in April 1954 to the post of chief, branch of programs, the position he held when he retired on December 31, 1959.

As a member of the steering committee assigned to launch the important MISSION 66 program, his foresightedness, creative ability, imagination, and practical experience aided materially in its objectives.

In addition to the meritorious award citation, which was handed to him by Director Wirth, Harry was presented with a book of letters and a leather golf bag. Mrs. Langley was presented with a silver salad bowl.

Harry and Dama Margaret are living at 406 Mahaley Ave., Salisbury, N. C.

Center Is Named Libbey Memorial

On April 26, the Director approved a resolution, passed by the Board of Directors of Hot Springs National Park Physical Medicine Center, Inc., recommending that the name of the Physical Medicine Center be changed to "The Libbey



Donald S. Libbey

Memorial Physical Medical Center." The decision honors the late superintendent, Donald S. Libbey, who died last August. He worked long and successfully for establishment of the center which is now to bear his name.

At the time he approved the recommendation, the Director authorized Regional Director Cox to arrange for a formal dedication ceremony at which time the facility will become officially known by its new name.

SCOYEN TO POLAND

Associate Director Scoyen is returning to Europe this month, — this time to attend the meeting of the International Union for the Preservation of Nature and Natural Resources, to be held in Warsaw, Poland. He goes as the Director's alternate.

THE JAMESTOWN GLASSHOUSE FOUNDATION SALUTES THE NPS!

AMERICA'S OLDEST INDUSTRY . . . IS PROUD TO HAVE HELPED CREATE THE WORKING REPLICA OF THE 1608 GLASSHOUSE IN CNHP, AND EXTENDS SINCERE THANKS TO THE NPS FOR THEIR COOPERATION IN THE ESTABLISHMENT OF THIS WORLD FAMOUS EDUCATIONAL-INDUSTRIAL MONUMENT.

—Now operated daily by the Eastern National Parks & Monuments Association

—A top educational tourist attraction nearby famed Colonial Williamsburg



National Capital Parks

NATIONAL FOLK FESTIVAL

The 24th Annual National Folk Festival will be held at the Carter Barron Amphitheater in Rock Creek Park June 1 through June 4. Folk singers and dance groups from about 30 States, including Hawaii, will participate. The program will feature folk songs and dances deeply rooted in America's history and tradition. The festival is sponsored by the American Folk Festival Association, Inc., of Washington, D. C.; a committee especially organized for the purpose and representing the Board of Trade; National Capital Parks; D. C. Recreation Department; the Feld Brothers, who manage the Carter Barron Amphitheater summer programs; Mr. and Mrs. Burl Ives, and Mrs. John Riddell of the Washington Ballet Company. James B. Waring, stage and lighting specialist, National Capital Parks, will act as a technical advisor.

PARKWAY TO BYPASS ZOO

The NPS and the Smithsonian Institution, which operates the National Zoological Park in Washington, D. C., have agreed on an extension of the Rock Creek and Potomac Parkway which will bypass the zoo and will connect with Beach Drive in Rock Creek Park near Klingle Road. Principal results to flow from construction of the bypass are: 24-hour use of the road up the Rock Creek Valley, now frequently prevented during the hours the zoo is open, because of high water which necessitates the closing of the fords, and always at night because of the closing of the zoo; and the separation of north-south traffic from the circulatory roads within the zoo.

NETHERLANDS GIFT CARILLON DEDICATED

The Netherlands Carillon Tower overlooking the City of Washington from near the Iwo Jima Memorial in Arlington, in Virginia, was dedicated on May 5, when Jan F. Van Hengel, chairman of the Netherlands Bell Tower Committee, presented it in behalf of the Netherlands people. Secretary Seaton accepted it in behalf of the people of the United States. The gift was made in appreciation of American wartime and post-war aid to the people of the Netherlands.

A token presentation of the carillon bells was made by Queen Juliana when she visited the United States in 1952. The permanent bells were received in 1954 and were installed in a temporary structure in West Potomac Park.

The 49 bells range in size from 6 feet 9 inches to 9 inches in diameter and in weight from 61,403 pounds to 37.5 pounds.

PARK POLICE PROMOTIONS

Sixteen members of the U. S. Park Police were promoted to the grades of lieutenant, sergeant and corporal, effective March 18, 1960. Those promoted were selected from the top of approved Force promotion lists of 86 officers, prepared by a Promotion Rating Board. They are:

From sergeant to lieutenant: David Kushner, Samuel H. Hower, John J. Burns, Walter V. Lange. From corporal to sergeant: Ronald A. Fallin, Robert F. Dougherty, Grant Wright, Charles C. Adams, Willis L. Headlee. From private to corporal: Pat W. Cowley, Ronald R. Kerzaya, Julius J. Andrus, A. Vernon Conover, Jr., Jerry L. Wells, Freeman M. Bradberry, Ralph D. Howell.

BIRTH

To Mr. and Mrs. Cornelius W. Heine, a daughter, Theresa Frances, March 13. Heine is chief, Division of Public Use and Interpretation, NCP.

NCP RETIREMENTS

Charles H. Carter, laborer, Maintenance Division: 221 K. St., N.E., Washington, D. C. Hugh L. Finnegan, foreman painter, Maintenance Division: 717 Silver Spring Ave., Silver Spring, Md. Charles L. Herman, tour leader: 222 E. Custis St., Alexandria, Va. Frank Nicholson, foreman carpenter, Maintenance Division: R. F. D. 4, Box 259, Vienna, Va. Estel F. Scott, private, U. S. Park Police: Route 1, Box 922, Alexandria, Va.

Claude Seaton, landscape gardener, Maintenance Division: 320 34th St., S. E., Washington, D. C. Raymond F. Selby, captain, U. S. Park Police: 3120 13th St., South, Arlington, Va. Chesley B. Stokely, private, U. S. Park Police, 119-A Joliet St., S. W., Washington, D.C. Wendell T. Taliaferro, private, Horse Mounted Detail, U. S. Park Police: 919 L St., N. E., Washington, D. C. Alexander Warner, laborer, Maintenance Division: 1222 Penn St., N. E., Washington, D. C.

DEATHS

George F. Smoot, Sr., foreman painter in the Division of Maintenance, NCP, died on Dec. 31, 1959.

W. Clay Glasscock, a foreman in the Horticulture Branch, NCP, died on Jan. 25, 1960.

Thomas W. Hysan, a painter in the Division of Maintenance, NCP, until his retirement on April 26, died on April 30.

Crater Lake

The new employee residence area at Crater Lake has been named William Steel Circle to honor and commemorate William Gladstone Steel, the man who is often referred to as "The Father of Crater Lake National Park," because of his 17 years of effort in behalf of its establishment.

The name was selected by a local committee from a number of suggestions submitted by the local residents.

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Patsy Novak, daughter of Asst. Supt. and Mrs. Fritz Novak, has been awarded an Elk's Most Valuable Student Scholarship. The scholarships are presented annually to the two outstanding high school seniors in the Medford area by the Medford Elks Lodge.

The award was based 60% on extra-curricular and out-of-school activities, personality and leadership, perseverance and resourcefulness, and financial need.

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Sandra Smith, daughter of Park Electrician and Mrs. Nelson Smith, received her nurse's cap at the Good Samaritan Hospital, Portland, Oregon, March 18. Ruby and Smitty were present for the award. This ceremony completes Sandy's probation or plebe period of training.

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Park Naturalist Dick Brown recently announced his engagement to Miss Ann Growdon of Palo Alto, California. The wedding will be May 29, in Los Altos, California.

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Slim Mabery's ski school celebrated the end of the ski season with a ski jamboree April 10. The ski-school kids were divided into four classes according to individual skill. Each class competed in a proficiency test and a down-hill race. The scores for the two events were combined for an overall winner in each class. Kenny Mabery, Judy Fulton, Reggie Bowdler, and Claudia Black were winners in their respective classes. Jay Bowdler, and Claudia Black were winners in their respective classes. Jay Bowdler and Dennis Mabery received special awards for making the greatest progress during the ski school.

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James Bainbridge transferred from the Tongue Point Naval Station, Astoria, Oregon, and entered on duty as the Park Engineer April 4. He assumed the position left vacant by Dick Holmes' transfer to Mount Rainier in January. Bainbridge is a graduate of the University of Idaho with a degree in Civil Engineering in 1953.

Clubfoot Awake, Very Irritable

Clubfoot, well-known character black bear of Mount Rainier, reported for duty at Ohanapecosh on March 26, — about a month early, and ill-tempered and irritable. He went directly to the ranger station, tore off the screen and chewed some of the window framework to splinters. Admonished for his abominable behavior, he wandered back into the woods and hasn't been seen for some time.

Clubfoot has summered at Ohanapecosh since 1958, where he has served as an efficient, if somewhat sloppy, garbage disposal unit. Weighing probably 400 pounds, he has a left front leg that lacks toes and part of the foot; hence his name. Presumably, in his younger days, he wandered out of the park and left the missing portion of his foot in a bear trap.

Olympic

Sidney Malbon, Landscape Architect, Olympic was awarded $150 on March 11 in recognition of his initiative and resourcefulness in carrying through negotiations with the Federal Prison Industries at McNeil Island, Washington, for construction of Park signs.

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Eric Tidwell, the 22-month old son of Park Naturalist and Mrs. Don Tidwell, died from injuries received in an automobile accident near LaGrande, Oregon, on May 1. Don received a broken shoulder in the accident which occurred when his Volkswagon left the road and struck a tree. They were enroute to Don's home in Homedale, Idaho, where Eric was to have had a visit with his grandparents. Funeral services were held in Homedale on May 5.

HEADS UP GORDON!

The Desert Bighorn Council had its annual meeting at Las Cruces, New Mexico, in early April at the beautifully-appointed Holiday Inn. The desert sheep herders were quick to discern the polished glass walls and the sun-bathing ewes around the swimming pool, and were careful to feel out the open door panel. Not so our sterling Principal Biologist Gordon Fredine, who barged through a likely looking spot and found glass tinkling all around.

Fortunate indeed was Fearless Fredine not to have suffered multiple cuts. He came up with only one tiny scratch, but with dignity shattered as fully as the glass wall.

The next meeting is planned in Hermosillo, Mexico, where the walls are thick adobe and the windows small.

Donated Funds Will Refurnish Fort Laramie Military Buildings

A donation by Mrs. Charles S. Hill of Denver, Colo., to be used in refurnishing the old military buildings at Fort Laramie National Monument was announced on March 10 by Director Wirth. The amount was not disclosed.

The Director said that Mrs. Hill is making the donation as a memorial to her late husband who was active in the gas and oil industry in Wyoming for many years and who served as the State's first American Legion commander.

Her choice of Fort Laramie was influenced by vivid accounts by her grandmother, Mrs. George Seymour Ellis, of hardships endured in 1859-60 when she came westward with her family in a covered wagon and knew Fort Laramie as an important resting place and refuge from Indian attacks and other dangers of the journey.

Miss Sally Ann Johnson, for 9 years curator of history for the Nebraska State Historical Society, has been appointed museum curator for the furnishings project. Restoration of the interiors of the historic structures will take several years since much time will have to be consumed in study and in collection of authentic furnishngs, in order to provide a restoration of the scene there as it must have looked in the early period when the Nation was expanding westward.

Madame Pele Departs; Volcanic Action "Pau"

The volcano is "pau" — over, finished for now.

The quakes and shakes are almost gone. Halemaumau, the awesome main vent of Kilauea Volcano, is now 800 feet deep instead of 440, and that section of Halemaumau's rim from which thousands have viewed the crater during the past 20 years or so is now at the bottom of the pit. Apparently Madame Pele, the Hawaiian volcano goddess, has gone home.

Though the lava from last November's eruption chose to vent itself in a flank eruption of Kilauea Iki, adjacent to the larger Kilauea caldera, the settling process that normally follows an eruption has been most evident at Halemaumau. Tremendous pressures built up before the eruption actually raised the surface of the dome several feet. Instead of gradually subsiding during or after the Kilauea Iki eruption, the dome's curvature continued to tilt upward as new lava moved in from great depths below.

Scientific fingers crossed.

Scientists refused to write off the eruption, keeping close tabs on seismographs placed at strategic points. They were actually able, through the use of a portable seismograph, to trace the center of volcanic tremor as it moved underground from the top of the mountain down the rift-zone to Puna, a populated, agricultural area. The 1960 Puna eruption lasted more than a month and was the most destructive display of Madame Pele's fury in Hawaii's written history. The fountains poured out three times as much lava as in Kilauea Iki, forming 400 acres of new land at the ocean's edge.

All that left those of us at the top of the mountain with a tremendous void under our feet. The volcanic reservoir, believed to be about 4 miles beneath the surface of the Kilauea dome, was being emptied, and the last of January the tiltmeters began to show a very definite settling of the earth's surface — amounting to 3 to 5 feet in a month and a half.

Evacuation plan prepared

Even before the Puna eruption had ceased, we began to feel more and very hard quakes. There was talk of a steam explosion from Halemaumau which, though rare, did occur in 1924 and in 1890 was quite destructive. Tension was in the air; the situation was serious enough for park officials to draw up an evacuation plan — just in case. Those of us with small children packed a bag and filled the car with gas. Just as we were beginning to believe in the impossibility of the improbable, the bottom dropped out of Halemaumau!

In the wee hours of February 7, the rocks began to clatter and bang, tinkle and fall. The ranger on duty thought surely, "This is it!" However, the dawn revealed a general drop in the smooth surface of the pit, making it concave instead of flat. In one section a large hole, 350 feet deep, had formed in the heretofore smooth cold crust of the pit. By noon, red-hot lava was oozing from cracks, in two streams, to fill the bottom of the newly formed hole. This continued the rest of the day.

A stitch in time.

A few days later another collapse occured. Cracks were noted in the parking area at Halemaumau; a large crack appeared in the Halina Pali road, 5 miles away. Still another "puka" was formed in Halemaumau, this taking part of the crater wall with it.

Eventually the quakes ceased, and the downward tilting of the dome became a more gradual process. The most recent event, the cracking of the rim of Halemaumau, was not entirely unexpected. After the first cracks appeared there, the park rangers took daily measurements; when a rapid increase in their size was noticed, the overlook was moved to a safe area 200 yards to the north. Five days after this precaution was taken, an area about 20 by 100 feet disappeared over the edge. The sign posted years ago — "The railing at the rim does not assure safety; proceed at your own risk" — proved to be a hundred per cent accurate!—Janie Rayner

ASSOCIATION REPRODUCES HISTORIC LITHOGRAPH

Albert Dillahunty, agent for the Eastern National Park and Monument Association at Fredericksburg, reports that the association's most recent venture there is a reproduction of the old "Battle of Spotsylvania" lithograph that was originally published by the American Lithographing Co., a few years after the Civil War. Its overall dimensions are 16 by 25 inches. The picture went on sale at Fredericksburg on May 12, and sells for $1. Once out of the red on it, the association will bring out a companion, the colorful old Chancellorsville lithograph of the wounding of Stonewall Jackson.

"From all indications," Dillahunty writes, "citizens of the Fredericksburg area are going to make a rather loud noise during the Centennial years. The noise," he adds, "we are happy to say, does not include a re-enactment."

Farewell Dinner Given for Joffes

More than 250 friends of Joe and Aleda Joffe flocked in to Mammoth on the evening of March 26 to honor them at a dinner which followed and was occasioned by Joe's retirement on March 4, after nearly 38 years of service in Yellowstone National Park, and 43 years of Government service. National Park Service associates as well as friends from all over the map contributed to a leather-bound book of letters congratulating Joe on the quality of his long years of service and wishing many happy years of retirement. And he and Aleda were showered with many farewell gifts.

Jack Haynes, lifelong friend, and president of Haynes, Inc., was the dinner's master of ceremonies. John Q. Nichols, president of the Yellowtone Park Co., Trev Povah, president of Hamilton Stores, Inc., and Dr. Alfred M. Lueck, joined in a tribute to "Joe and the Concessioners." Chan Libbey, Livingston businessman, had some nice things to say about "Joe and John Q. Public." Representing the Dude Ranchers, Paul Christensen presented a gift in behalf of the association and had warm words of praise for Joe's loyalty and helpfulness. Acting Supt. Luis Gastellum wound up the eulogies with praise for Joe's 38 years of accomplishment in the world's oldest national park.

Courtship recording

Gov. J. Hugo Aronson of Montana extended Joe a welcome to the taxpayers fraternity with a gold-seal scroll that was read during the after-dinner program. Pictures dating as far back as 1923, the year after Joe appeared on the Yellowstone horizon, were projected. And there was an imaginative tape recording of Joe's courtship of Aleda Lange!

The program wound up with the singing of "Yellowstone," led by Aleda.

The Youth Fellowship of Gardiner and Mammoth served the dinner, which was prepared by Yellowstone Park Co. mess employees.

Joe Joffe got many messages of congratulations when he retired. Probably the most unusual one came from the Canal Zone and from one ham radio operator to another. The senders were Bob and Virginia Hursh, two former Yellowstone employees on Joe's Christmas card list who had received notice announcing his retirement and giving his new address. The receiver of the message was a lady Joe had never heard of who phoned him about it. "She gave me her name and to my surprise I learned she lived just across the alley from us," Joe reports. "I think it has been her short-wave set that has been interfering with our radio and TV - but I didn't tell her so."

That isn't all the story. A few evenings later the neighbor, Mrs. Richard Clousing (already Bea to Joe) phoned again to say she was talking with Bob Hursh; whereupon she hooked up her telephone so Joe and Aleda could talk to him. The result was a half-hour gabfest with Bob and Virginia in the Canal Zone. "One of the most interesting and thrilling experiences I have ever had," Joe wrote.

Bob Hursh was an engineer with the NPS in Yellowstone from 1949 to 1951 and at Crater Lake from 1951 to 1953. He and Virginia are now at Fort Amador, Canal Zone, (Box 431). They are members in good standing in The E & A Association.

A note from the same Joffe letter. "I already have a date to be on the Firehole River at 6 a.m. on the opening day of the fishing season, May 30. It has been a ritual with me to get up at 4 a.m. each Memorial Day and head for the Firehole River and I don't believe I have missed more than twice in the past 30 years. And each time I have found the fishing GOOD!"

KNOPF, DRURY HONORED

Recipient of this year's Cornelius Amory Pugsley Gold Medal for distinguished service in the national park field was New York publisher Alfed A. Knopf. Mr. Knopf served for five years as chairman of the Advisory Board on National Parks, Historic Sites, Buildings and Monuments. At the same time, the Horace M. Albright medal was awarded posthumously to Aubrey Drury, for his many years of constructive accomplishment as executive secretary of the Save-the-Redwood League.

BILLY MERRILL WRITING OUTDOOR-LIVING MANUAL

William K. (Billy) Merrill, retired park ranger now residing at Sonora, Calif., is in the process of completng a new manual on outdoor living. Billy indicates that he has spent considerable time since retirement in researching materials for the manual, which he is striving to make more complete than any publication of this type yet offered.

Widely known throughout the Service, Merrill is only half of the family writing team. His wife, Margaret is the author of "Bears in My Kitchen,' a humorous adventure of National Park Service living.

Charles J. Smith, superintendent of Zion and Bryce Canyon at the time of his retirement in 1952, and Berthann, his wife, are enjoying life in Santa Barbara, Calif. where they have just moved into a new centrally-located apartment building. Their new address is 1025 Olive Street, Apt. 16.

Earl H. Brown, 438 Lester Avenue, Oakland, Calif., is continuing to improve from the effects of the stroke he suffered a couple of years ago. Earl was formerly chief clerk of the Western Office of the NPS in San Francisco in the years prior to regionalization, and later was transferred to the Branch of Finance, WODC. He and Bea are always glad to see or hear from their former associates in the Service.

During a recent visit by Elton M. Hilton to Frank B. Ewing's home near Mariposa, these two former Yosemite officials decided to visit the park and see the changes that had taken place since their days there. As they drove over the El Portal section of the park entrance road, Frank recalled that he had supervised its construction back in 1915, when it was a major engineering feat with the equipment of those days. It remains the narrowest portion of the road because of the difficult terrain. Frank's son, Herbert B Ewing, is now a supervisory park ranger in Yosemite, and his wife is in charge of the census for Mariposa and Tuolumne Counties.

The Northern California Alumni of the Yosemite School of Field Natural History gathered for a picnic in Mt. Diablo State Park on May 1. Discussed were summer plans for additional research on the ecological plots started by Joseph Dixon more than 20 years ago which have been reported upon since. University botanists have become enthusiastic over the opportunity to follow up changes on plots that have been studied for so many years in succession. The reports are considered so important they have been put in fireproof storage in the University of California Botany Department! A restudy of the plots will be made by an alumni group the first week in July.

At the Sierra Club Annual Banquet in San Francisco on May 7 Francis Farquhar showed remarkable close-up motion pictures of African animals and birds taken on a recent safari. This was followed by a recently-completed motion picture of the proposed Point Reyes National Seashore, a Sierra Club contribution to the publicity campaign now in progress. Those who attended the public hearing last month were heartened by support from unexpected places.

Retired Yosemite rangers John Bingaman and Homer Hoyt with their wives called on the Harold Bryants in Orinda on May 8. They reminisced on early days in Yosemite, got themselves up to date on old friends, where they are and what they are doing, and enjoyed the iris and other plants in bloom in the Bryant garden. The Hoyts have settled at 413 Lenox Ct., Pleasant Hill, Calif.

Dr. Walter Hugins, formerly NPS historian at Hopewell Village, Statue of Liberty, and Morristown, and now assistant professor of history at San Jose State College, Calif., has written a book, **Jacksonian Democracy and the Working Class,** published as Volume XIX in the Stanford University Studies in History, Economics, and Political Science.

Dr. Hugins wrote the administrative history of Statue of Liberty National Monument published by the Service in 1959 as the pilot effort in the administrative history series.

Former chief forester, John D. Coffman, and wife Robbie take pleasure in announcing the arrival of their third grandchild — "John D." — on May 14 at Tarrytown, N. Y.; weight 8 lbs. 13 oz. Mother, father and grandparents all doing well. The new arrival is the third son of Paul and Betty Coffman.

Water Is Cold — And It Is Free!

By an exchange of 5.03 acres of Hot Springs National Park Land for 4.75 acres lying adjacent to the park, Hot Springs has completed another step in its MISSION 66 program. The exchange deletes an inholding and eliminates non-conforming uses and unsightly, often unsanitary, developments in the park area.

Located on the acquired land is the Happy Hollow cold-water spring, a long-time favorite with visitors who, hitherto, had to pay for the privilege of drinking it. Its waters are now piped to an attractive drinking and jug fountain near the entrance to Hot Springs-North Mountains and the Promenade. The fountain is set in a flagstone patio, surrounded by a wall of native stone, and with benches for the comfort of those who come to enjoy this water.

Although there are several hot-water fountains in the park, this is the first cold water available to the public without cost in the central area of the park and near the downtown section of the city of Hot Springs.

Obituary

FLORENCE I. TAAFE

Miss Florence I. Taaffe, employed in the Washington Office since 1954, died on April 16 at Georgetown Hospital, Washington, D. C., after a long illness. Burial was in Minneapolis, Minn., on April 23.

At the time of her death, Miss Taaffe was assistant chief of information, a post to which she was appointed in 1958. Previously she had served as a publications writer and as head of the Branch's public information section.

Was With Department

Miss Taaffe came to the National Park Service from the Division of Information, Department of the Interior, where she was employed as an information and editorial specialist from 1950 to 1954.



Earlier she had worked as a reports analyst in the office of programs and finance in the Department's Bureau of Reclamation.

From 1945 to 1950, Miss Taaffe was in charge of the information division, office of the chief of special services, Department of the Army, and from 1942 to 1945 was director of information, Joint Army-Navy Committee on Welfare and Recreation. Before entering Government Service, she was with the **Minneapolis Tribune** for a number of years.

Active in Organizations

Miss Taaffe was a member of the Women's National Press Club, American Newspaper Women's Club, and Theta Sigma Phi, national professional fraternity for women in journalism. In 1951, she received a headliner award from Theta Sigma Phi "for distinguished service in the field of journalism," particularly for pioneering public information activities in connection with the Department of the Interior's part in the technical cooperation program for underdeveloped countries.

LAVINIA WORTHINGTON

Santa Fe — Mrs. Lavinia Rife Worthington, daughter of Mrs. Jesse L. Nusbaum died at her home near Pojoaque, N. Mex., on April 5. Funeral services were held on April 9 at the Memorial Chapel here. Burial was in Memorial Gardens.

Mrs. Worthington was a graduate of Santa Fe High School and was selected as "Miss Santa Fe Trail Days" several years ago, an honor that won her a featured display in **Life Magazine.** Besides her husband, Robert M. Worthington, and her mother and step-father, she is survived by a 6-months old son and a sister, Mrs. Rosemary Talley of San Francisco, Calif.

Mr. Nusbaum retired three years ago as departmental archeologist, working out of the Region Three Office.

HERMAN F. HARDKE

Following a year-long illness, Herman F. Hardtke, 40, park plumber at Mount Rainier since 1952, passed away at the U. S. Public Health Service Hospital in Seattle, Washington, on March 4.

Herm had served in Mount Rainier since July 1949, first as a truck driver and after 1952 as park plumber. While working alone on a water system on March 11, 1954, he fell from a 20-foot water tower. Landing on his neck and shoulders, he sustained internal injuries which some five years later, May 1959, resulted in complete disability and hospitalization. He is survived by his widow, Florence, and a minor son, Herman, Jr., residing at the family home near Ashford, Washington.

PARKER DRAGOO

Parker Dragoo, former supervisory park ranger at Death Valley, who was transferred because of his health to a part-time position at Cabrillo National Monument, died on December 10, 1959. Parker left two daughters, Janet, in college in Pullman, Washington, and Mary, who has remained at Death Valley. Mary has lived with the Dan Danielson family in order to continue her studies at Death Valley High School.

LEO HUNT

Leo Hunt, tour leader at Mammoth Cave, died unexpectedly of a heart attack at his home in Cave City, Kentucky, March 3. Mr. Hunt, 48, began his career as a guide in Mammoth Cave in 1928. His more than 30 years service was a truly significant and lasting contribution to Mammoth Cave National Park. He is survived by his wife, Mrs. Grace Hunt, and a son, Billy Frank, 22.

JOHN MILTON CISSEL

John Milton Cissel, former superintendent of Lincoln National Park, died at his home in Buffalo, Ky., on March 25.

Cissel was associated with the Lincoln birthplace site for most of his adult life. He was born on a farm adjoining the one where Lincoln was born. His first job was with the Lincoln Farm Association, incorporated in 1906 to buy and develop the Lincoln farm for National Park status.

He left the association to assist the contractor in building the Memorial Building, to house the traditional birthplace cabin. He helped President Theodore Roosevelt lay the cornerstone. When the Memorial Building was completed, Cissel was reemployed by the association as caretaker. In 1916, he became the first superintendent of Lincoln National Park, then administered by the War Department. He continued in this position after the area was transferred to the National Park Service and until his retirement in 1949.—**E.L.W.**

CHICAGO GROUP SHOWN AROUND PETERSBURG PARK

Despite the rain and cool weather, 70 members of the Chicago Civil War Roundtable toured the Petersburg National Military Park and battlefields around Petersburg on April 28. Supt. Chester Brooks and Thomas Harrison and John Bond, park historians, made the 10 months siege of Petersburg come alive for the touring lawlawyers, college professors, professional writers and citizens from every walk of life.

Stephen Harriman, son of Clifford J. Harriman, regional chief of lands, Region One, received one of the six annual journalistic awards given by "The Cavalier Daily," the student newspaper at the University of Virginia. Harriman, a sophomore and sports editor of the paper, received the prize for his story titled "Previews of the South Carolina Game."

Catch-and-Release Fishing Encouraged at Yellowstone

Fish are found in dozens of lakes and in hundreds of miles of Yellowstone creeks and rivers, such as the Madison, considered by experts to be the best fly-fishing waters of the Nation. Yet most Yellowstone fishermen prefer to fish for the native cutthroat trout in Yellowstone Lake. These average 15 inches in length, and weigh approximately 1 pound each. The daily catch and possession limit for this area is 3 fish per day per person.

No license fee is required and any member of the family who can hold a pole may fish from a boat or from shore. Consequently, many families are suddenly confronted with the fact that they have 10 or more fish on hand within the legal limit but lack the capacity or facility to eat or refrigerate the catch. Others, who have no regard for the fish as food, catch their family or group limit for the purpose of photography, and then dispose of the fish in the first available trash or garbage receptacle.

Lots of fishermen and fish

Fisheries experts of the Fish and Wildlife Service who study and analyze the aquatic resources of the park each year tell us that 393,467 cutthroat trout were taken from the Lake in 1959. This figure represents 562,096 hours of fishing effort on the part of some 187,365 hypothetical fishermen who caught fish at the rate of .7 fish per hour. This harvest, large as it may seem, in no way endangers the present resource. Nor is the tremendous wastage of fish caught and disposed of on shore a factor in the perpetuation of the native species. However, when investigators, during the month of July, counted 7,500 fish in the garbage collections at Fishing Bridge, management decided it should give serious study to a practice that must not be perpetuated.

To most persons, whether fishermen or non-fishermen, there is nothing so esthetically repulsive as a mess of dead fish on shore unless it is the same mess of fish rotting in the azure waters of a beautiful lake. Immediately this question comes to mind: Is this condoned in our National Parks by thinking people who derive an incidental pleasure from angling while visiting these superlative areas, or is this a thoughtless act which may be cured through an educational program? Those who fish for the pure sensual pleasure of fishing and not to take home a creel limit in pounds of fish believe that an educational program devoted to fishermen in Yellowstone may be the answer.

1960 campaign planned

During the 1960 visitor season to the Park, park rangers will carry on a campaign to be called, "Fishing for Fun." Every effort will be directed toward a reduction in wasted fish along the shores of Yellowstone Lake. As the season progresses, visual aids will be prepared for the use of the interpretive staff so that they may stress this theme in their evening campfire talks. Posters made locally and placed at strategic locations will prompt the fishermen to despise the "fish hog" as most people now do the "litterbug." Local concessioners who handle tackle will be requested to stock a limited supply of barbless hooks. Fishermen will be encouraged to file off the barbs from their bait, fly, spinning, or trolling gear to make taking fish a true contest of skill between the fish and the angler. The rangers, by example, will encourage anglers to release their fish carefully in order that the same fish may be caught and enjoyed by others.

The mark of a fisherman on Yellowstone Lake will be officially expressed in terms of numbers of fish caught and released per day and not in the number of fish or pounds of fish in the creel.

Uncle George Is A Youthful 101

"Uncle George" Lycurgus celebrated his birthday in relative quiet this year. He was 101 on March 5 (he thinks). A native of Sparta, Greece, he ran away from home at the age of 17 to seek his fortune, and find it he did, much later, in the Hawaiian Islands. Accurate birth records have never been found, even after an exhaustive search by his daughter who now lives in Greece, but March, 1859 has been decided upon as the probable birth month after checking several sources.

"Uncle George" wins his affectionate title from those who know him, even briefly, and have been



"UNCLE GEORGE"

the recipients of his warm hospitality in their visits to the famed Volcano House in Hawaii National Park. He is probably as widely known among world travelers as any hotel man alive.

When he reached 100

Last year his 100th birthday celebration was a gala affair at the Volcano House, during which he was presented with a congratulatory concurrent resolution from the State Senate which said "He has been a leading business man, host, and cribbage champion, known throughout the world for his geniality and hospitality, and is one of the most beloved citizens in the state of Hawaii. — J.R.

RANGER WINS AWARD

Robert T. Haugen of Hawaii National Park was recently awarded a medal for a color slide entitled, "Lava Lake." This award is one given annually by the Museum of Natural Science in Chicago at their 'Nature Salon." The picture will become part of a traveling exhibit, also.

One Suggestion; Multiple Awards

Joe Prentice, superintendent of Hopewell Village, has received two award checks for his suggestion of doubleline markings for parking areas. The reason? A check for each area, exclusive of Hopewell, adopting the system,- Harpers Ferry and Mount Rushmore. Surprisingly, the item from Hopewell about it ends, "Its a mighty good idea—why not try it?" Somebody there is looking after Joe's interests.

Saratoga Studies Produce Results

Documentary research carried on last year by John F. Luzader, park historian at Saratoga, has led to one very interesting tentative conclusion.

The history books usually tell us that British General Burgoyne expected to be joined by British forces under Gen. Sir Wiliam Howe for an attack on Albany. According to Luzador, the British Government and Sir William did not interpret the 1777 plan as providing for such strategy, but simply for the eventual juncture of Howe's forces with those under Burgoyne and St. Leger, which would be integrated with Howe's army. "Such legends as 'lost orders,' etc., will have to be retired if the results of the research are confirmed," says a report from Saratoga.

Archeological research was conducted by Edward Larrabee, contract archeologist, at the Gen. Philip Schuyler property, which is separated from the Saratoga battlefield by several miles. The project resulted in additional information concerning the grounds, garden, outbuildings. Many artifacts were recovered and added to the park's collection.

One of the important purposes of this dig was to uncover data that would be helpful in the current restoration of the Schuyler House under the supervision of Architect H. A. Judd and Building Restoration Specialist Harry V Martin.

Born to Park Ranger and Mrs. Richard A. Blasdel, a daughter, Melissa Lyn.

Three employee residences will be constructed in Saratoga National Historical Park under a recently awarded $48,356 contract. The contract calls for the construction of 3-bedroom residences with attached garages, two near Fraser Hill in the northwestern section of the park; the third on the General Philip Schuyler property at Schuylerville.

Region Three Office

David J. Jones, Sr., father of Park Naturalist (Interpretive Planner) David J. Jones, was struck and killed by an automobile while crossing the road at nearby Espanola on April 11. Funeral services were held at Santa Fe on April 13.

Born to Museum Curator and Mrs. Franklin G. Smith, a daughter, Allison, on February 26.

Several male employees of the Region Three Office are sprouting beards and/or mustaches in preparation for the 350th anniversary celebration of the founding of Santa Fe in June.

Architect Bob Harris walked off with the Snow Pile Derby jackpot. Last traces of the pile on the shaded south side of the patio disappeared on April 4. Bob, who came here from EODC in Philadelphia, had "guesstimated" April 1, but won when old timers missed the mark by from four days to more than a month.

Several members of the Region Three Office staff having occasion to travel to WODC have called upon the Hugh Millers at their home in Redwood City, Calif. From all reports, both Hugh and Chris are enjoying the California climate and their life of leisure.

Ernest E. Allen, Chief of the Consultative Services Section in the Division of Recreation Resource Planning, is serving as president of Santa Fe Chapter No. 41, National Federation of Federal Employees. Other Region Three employees serving the organization this year are Clarence W. Bullach, treasurer; Natt N. Dodge, program chairman; Avis Franklin, refreshments chairman; and Victor H. Nash, auditing chairman.

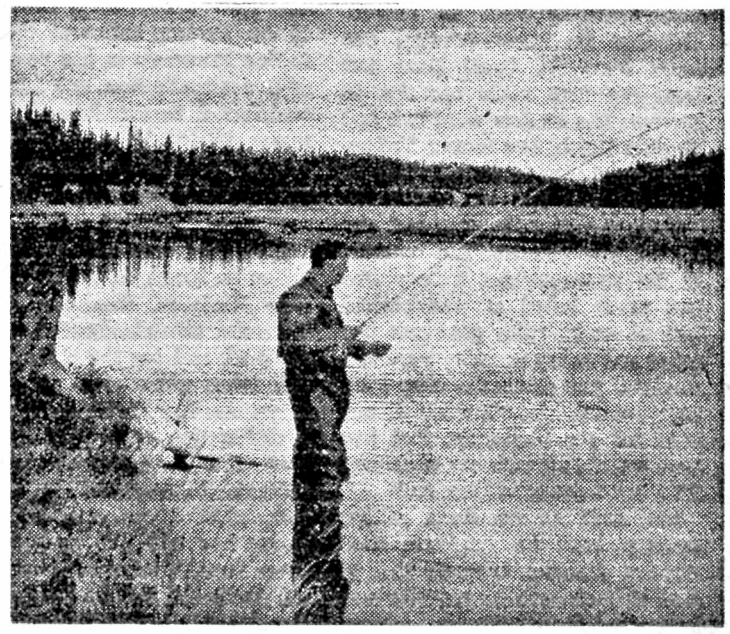
Service awards: Darrell D. Crumley, Assistant Programs Officer, 30 years; Jon J. Moseley, Chief, Upper Colorado River Survey, 20 years; Franklin G. Smith, Museum Curator, 10 years; Ernest E. Allen, Chief, Consultative Services Section, 10 years.

PLAN V. C. DEDICATION

With major construction completed, plans are under way for the dedication of the new visitor center at Montezuma Castle National Monument on September 18.

Taking some of the summer load from the regular staff that they may concentrate on the dedication plans will be Seasonal Rangers Byron Harvey, a student at the University of New Mexico, and Malcolm Nicholson, a former seasonal at Death Valley National Monument.





Fishin' is Still Great . . . At Yellowstone!

"We're always glad to see old familiar faces returning to Yellowstone — and we are happy to make new friends. Things are lively these days in the park . . . lots of new things to do and see. Hope to see you this summer."

Trev Povah
President

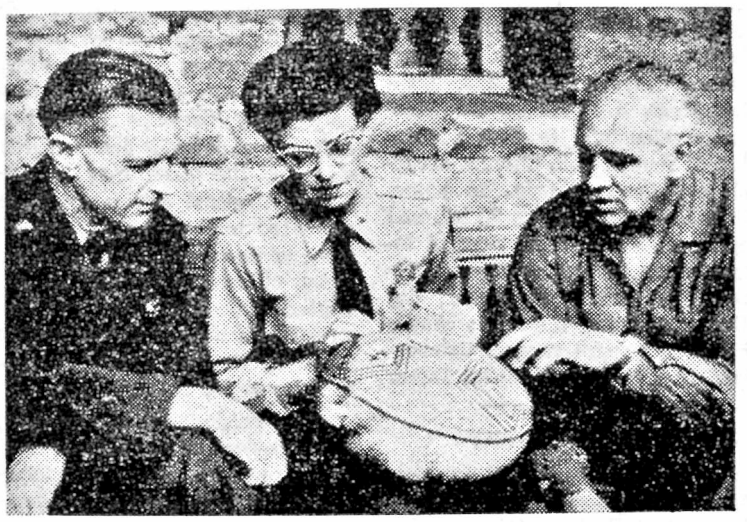
Hamilton Stores, Inc.

Experts Seek Real Low-Down On Ancient Mesa Dwellers

By Alden Hayes, Archeologist

Scientists in several fields are cooperating in a thorough study of the past of Mesa Verde, the largest archeological park in the National Park System.

The study, identified as the Wetherill Mesa Archeological Project, has as its primary goal the excavation of large cliff dwellings and several ruins on the mesa top. Part of the MISSION 66 program for Mesa Verde, the work will considerably increase the number of exposed ruins. Thus the thousands of visitors who come each year to view representative examples of all stages of past culture from the early Basket Makers through the large cliff pueblos occupied just before final abandonment of their mesa homes by the Southwestern Indians, will be better accommodated.



Supt. Thomas, Park Archeologist Jean Pinkley, and Dr. Osborne examine a decorated jar taken from Long House, now being excavated at Mesa Verde. (National Geographic Society photo)

In Come The Experts

"Removing the debris and stabilizing walls so that a house can be seen, and the study of tools and utensils found in the ruins, is now a comparatively routine job for a trained archeologist," according to Dr. Douglas Osborne, supervisory archeologist of the project. "But to interpret properly the life of the people we are studying, we want to know more about the environment in which they lived and died so long ago. To assist us in this study we have invited the aid of experts in other fields."

Cooperating in the project are the Geochronology Laboratories of the University of Arizona, headed by Terah Smiley, a former ranger archeologist at Mesa Verde, and the University of Colorado's Institute of Arctic and Alpine Research, under the leadership of Dr. John Marr.

Bryant Bannister of the Geochronology Laboratories will make tree-ring studies of wood samples sent to him from the excavated sites. From these studies it is hoped to obtain actual dates of construction of the dwellings, as well as clues to the climate of the time of the growth of the trees. In addition to specimens of fir and pine most often used for dating purposes, pieces of smaller brush used in roofing will be studied by Wesley Ferguson, who is perfecting a method of dating of the rings of big sage and serviceberry.

Pollen Tells Its Story

Another service of the Geochronology Laboratories is the study of pollen from soil and trash samples from Wetherill Mesa. Pollen is practically indestructible, and is readily identifiable by an expert as to species. This analysis, under the supervision of Dr. Paul S. Martin, can determine what species of plants were growing when the area of soil or trash was deposited. The past summer's work in Long House, a large cliff dwelling being excavated by National Park Service archeologists George Cattanach and Arthur Rohn, yielded samples of pollen from walnut trees and agave, neither of which are found in the area at the present time.

The Institute of Arctic and Alpine Research will conduct ecological studies on Wetherill Mesa. This effort to reconstruct the floral and faunal landscape of the past was commenced during the 1959 season by James Erdman, seeking to establish a relationship between the plant and animal life.

Geographic Supplies Funds

The detailed research, normally beyond Government budgetary limitations, is being sponsored by the National Geographic Society. Director Wirth interested the Society in the research possibilities. President Melville Bell Grosvenor and other officers of the Society visited Mesa Verde to go over the project with Superintendent Thomas and other Park Service officials. They were impressed, and early in 1959 voted to grant $50,000 to further the special studies. An additional $50,000 has been pledged for 1960. Most of the excavation and stabilization is carried on with Federal funds.

Knabenshue, Air Pioneer, Is Dead

News of the death of Roy Knabenshue, 83, as reported in **Time Magazine,** brought memories of his years in the National Park Service to Superintendent Johnwill Faris, White Sands National Monument. Mr. Knabenshue served as a Park Ranger at White Sands for several years during the early 1940's, until his retirement from the Service.

Mr. Knabenshue's first love, aviation, drew him to take great interest in activities at the nearby Alamogordo Army Air Field, site of the present-day Air Force Missile Development Center. The interest was mutual, Mr. Faris recalls, as the Air Base personnel really "ate up" stories of Roy's early aerial adventures and misadventures. — **Nancy L. Winburn**

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Started with NPS in 1933

Roy Knabenshue, like a lot of other people at that time, was out of work back in 1933, when he went to work for the National Park Service (State Park Emergency Conservation Work) in the Washington Office in a clerical job. Those who worked with him there can bear witness to his continuing interest in aviation and to his efforts to put the Service into the air.

SEASONALS UPGRADED

The Civil Service Commission recently launched a long overdue reform when it authorized the Service to promote up to 200 of its experienced seasonal park rangers (including also naturalists, historians and archeologists) to GS-5 and 6 levels. The revised authority is the result of efforts made by the Service since early 1958.

ARCHEOLOGISTS EXPLORING VIRGIN ISLANDS SITES

On the evening of April 14, Archaeologist Frederick Sleight, director of the Museum of Central Florida, and former Mesa Verde National Park employee, began an address at Cruz Bay with the words, "I am a detective." Thus the native people were introduced to a program of archaeological investigation of the island of St. John jointly sponsored by the NPS and the William Bryant Foundation. Mr. Sleight, Ripley Bullen of the Florida State Museum, and graduate student Robert Steinbach are reconstructing the story of Carib and Arawak Indian cultures through the exploration of ancient campsites on the island. Such campsites are found behind the beaches of large bays. Especially interesting discoveries include cassava griddles and an earthen monkey head, hollow and full of rattling pebbles.

WIRTH HELPS DEDICATE MATHER HIGH SCHOOL

The accomplishments of Stephen T. Mather as director of the National Park Service were recounted by the Director on May 17, when he was a speaker at the dedication of the Stephen Tyng Mather High School, in Chicago.

"Ideologically, we still stand in Mather's shadow," Wirth told his audience. "It was not Mather's goal to add on to and build up a public-land colossus. He believed that only those areas of truly great scenic, scientific, or historical value and of unquestioned national significance should be added to the park system. We have not yet reached the optimum in preserving for the people what should rightly be theirs.

"We are today—as we were in Mather's day, and many park men hail from that golden era—dedicated to making 'accessible for a multitude of Americans, their heritage of snow-capped mountains glaciers, and streams and falls, of stately forest and quiet meadow."

17-YEAR-OLD BOY FALLS TO DEATH AT YOSEMITE

Irving Smith, a 17-year-old Fresno High School junior, lost his life on March 19 when he fell during an attempt to climb Lost Arrow, a granite spire near Yosemite Falls. A party of 14 rangers which left headquarters early the following day to attempt to recover the boy's body turned back when it was concluded that it would be too hazardous. Supt. Preston and Chief Ranger Fladmark decided they would not order rangers to undertake the task since it did not involve the saving of a life and would only endanger the lives of others. The location of the body, wedged in rock about 750 feet below the rim of Yosemite Valley, is such as to preclude any possibility of removing it by helicopter.

Here's Who and What of That Archeological Center at Globe

With all staff positions now filled, the National Park Service Southwestern Archeological Center at Gila Pueblo in Globe, Ariz., is functioning both as a preservation laboratory and as headquarters for the Ruins Stabilization Unit. As part of the Division of Interpretation, the staff at the Center provides professional and technical advice to the regional director and field-area superintendents and supervision of the work of preserving archeological and historical remains in southwestern field areas.

Archeologist Roland Reichert heads ruins stabilization acivities and is assisted by Dr. Joel Shiner. They spent a busy past year in major stabilization work at Chaco Canyon, Navajo, Montezuma Castle, Aztec Ruins, Tumacacori and Tonto National Monuments. In addition Reichert finished a full-length report on the East Ruin at Aztec; he currently is working on a manuscript covering work in progress at Wupatki in 1952. Dr. Shiner is preparing a journal-length report on the Talus Unit at Chaco Canyon.

Vivian is head man

Gordon Vivian heads the center. After years of field work, he is finding time and library facilities to complete several long-due reports. One of these, **The Hubbard Site, and Other Tri-Wall Structures in New Mexico and Colorado,** recently came off the press as Number Five in the NPS Archeological Series. A combined report with the late Dr. Paul Reiter, a synthesis of Great Kiva excavations, has been accepted by the New Mexico State Museum for their monograph series. Another report on the Three-C site at Chaco Canyon (at the site of the old CCC camp) has been submited to a professional journal. Mr. Vivian is currently working on a manuscript on the 17th century Jumano of Gran Quivira. The Jumano, so named by the Spanish, were the Pueblo Indians who occupied the 16 sites, now ruins, at Gran Quivira.

The preservation laboratory at the Center now has some 31 separate collections, most of them from park and monument areas. Others are donations directly to the center. One large collection is being held pending possible establishment of a national monument at the Kinishba Ruins in central Arizona.

Basis for interpretive studies

It is expected that, once the cataloguing is well in hand, these collections will furnish the basis for interpretive studies of great assistance to several areas. Mrs. Sallie Van Valkenburgh, the curator, has completed the work Jack Turney began on the large Aztec collection and catalogued Wupatki materials stored here,—these in addition to her general curatorial duties and keeping track of the accession records for the Center. Archeologist Tom Mathews has been principally engaged in cataloguing the Canyon de Chelly collections, in revising and enlarging the comparative bone library, and in furnishing identifications for Service-based research. In addition to several small series, he has recently completed a study of the faunal remains from Regional Archeologist Steen's excavations of the Tse-Ta-a site at Canyon de Chelly in 1949 -a site being washed away by the stream that flows through the canyon. His identifications of NPS material and of that submitted by cooperating institutions such as the Museum of New Mexico are being combined into a long-range study of faunal resources of the Anasazi Southwest.

Collaborator at work

A study of prehistoric ecology, as evidenced by avian material, is being continued by Collaborator Lyndon L. Hargrave, a recognized authority in ornithological investigations; and he has continued to furnish identifications of excavated bird bones from areas both within and outside the National Park System. He has recently completed a study of a large and beautifully made "chin mask," of prehistoric origin, measuring about 12 by 20 inches, and made of thousands of red and blue parrot feathers. This study is expected to appear in a professional journal. During the year, Mr. Hargrave was assisted in much of his work by Museum Aid Norman Messinger.

Archeologist Charles Voll, transferred and promoted from Casa Grande, is breaking in at the Center on Chaco Canyon collections.

Also headquartered at the Center, where he is best situated to serve the national monuments in Arizona, is Park Naturalist Earl Jackson.

Bryce Canyon

The Bryce Canyon Recreation Club welcomed two new families with a dessert and card party on the evening of April 23. The newcomers were Assistant Chief Park Ranger Roger J. Contor with his wife, Julie, and their three sons, and Roads and Trails Foreman Ward L. Excell, his wife, Geraldine, and their four children. Roger reported from Rocky Mountain, where he was a Park Ranger, while Ward moved up the road from Zion, where he was Operator, General.

Chief Park Ranger Stanley E. Broman and Park Ranger Richard A. Moeller represented Bryce Canyon at the Region Three Ranger and Fire Control Training Conference at Silver City, New Mexico. Mr. Broman served as a discussion leader on the subject of "Small Fire Suppression" and as a panel member on "Law Enforcement."

The pending dedication of the visitor center may have been an incentive for the extensive "spit and polish" effort that marked Clean-Up Week at Bryce Canyon late in April. At any rate, the entire staff pitched in to rid the area of the winter's accumulation of debris, raze or move decrepit buildings and other eyesores, and wield paint brushes. Meanwhile, rakes and hoes were kept busy around the residential area, and the "Irish baby buggy" got a real workout around Superintendent Lou Hallock's house in connection with his and Doris' work on their tastefully landscaped patio.

FIRE FIGHTERS SCHOOL

More than 40 State, Federal, and county offcials from southern Utah participated in a cooperative fire fighters' school, April 13, at Bryce Canyon National Park. Represented at the meeting were the State Fish and Game Department, Bureau of Land Management, U.S. Forest Service, Federal Aviation Agency, National Park Service, and sheriff's officers. The meeting was under the direction of Martin Crane, State Department of Forestry and Fire Control.

Personnel Actions

The personnel actions listed below are only a small fraction of the total number of actions which have become effective during the past few months. The list includes, as completely as possible, all major promotions, as well as all reassignments which involve a change of station. Omitted are the scores of upgradings in Service positions which involve no changes of station and little if any changes in duties or degree of responsibility. If the **Courier** attempted to list all these there would be little room left for other news.

PROMOTIONS

Abel, Leland J., from museum curator, GS-9, Region IV Office, to museum specialist, GS-11, Western Museum Lab. **Allen, Carrie L.,** from admin. aid, GS-5, Shiloh, to same, GS-6, Harpers Ferry. **Arnold, Charles E.,** from adm. asst., GS-8, Coulee Dam, to personnel officer, GS-9, Glacier. **Beal, David,** park naturalist, GS-11, Yellowstone, to chief park naturalist, GS-12, Grand Canyon. **Beck, Kenneth S. Sr.,** supv. accountant, GS-9, Natchez Trace, to same, GS-11, Region IV Office. **Bozarth, Hugh M.,** park ranger, GS-7, Olympic, to supv. park ranger, GS-9, Death Valley. **Bradley, Zorro A.,** archeologist, GS-9, Region III Office, to same, GS-11, JNEM. **Brower, Fred k. J.,** adm. asst., GS-8. Roosevelt Vanderbilt, to same, GS-9, Mammoth Cave.

Carpenter, Junior I., gen. supply clerk, GS-5, Mesa Verde, to adm. asst. GS-6, Bandelier. **Chase, Willard M.,** personnel officer, GS-9, Sequoia-Kings, to adm. officer, GS-11, Hawaii. **Chittum, Harold J.,** Foreman I. Roads, Glacier, to maintenance supervisor II, Wind Cave. **Dahlberg, Victor E.,** supv. accountant, GS-9, Grand Canyon, to same, GS-11, Yosemite. **Dale, Laurel W.,** seasonal fire control aid, GS-4, Everglades to park ranger, GS-5, Glacier. **Deao, Eugene,** personnel asst., GS-11, Region II Office, to personnel officer, GS-12, Region I Office. **Dick, Oscar,** chief park ranger, GS-11, Dinosaur, to asst. chief park ranger, GS-12, Yellowstone. **Elms, Wallace G.** supv. park ranger, GS-8, Lake Mead, to same, GS-9, Fort Jefferson.

Everhart, Jack C., adm. asst., GS-5, Tumacacori, to personnel asst., GS-7, Wellowstone. **Franklin, Homer W.,** operator general, Big Bend, to maintenanceman, Joshua Tree. **Fredine, C. Gordon,** biologist, Branch of Natural History, GS-13, to park planner, MISSION 66 staff, GS-14, WASO. **Godbolt, James W.,** supv. park ranger, GS-9, Badlands, to same, GS-11, Glacier. **Gordon, Garland,** tour leader, GS-4, Carlsbad, to actg. archeologist, GS-5, Tuzigoot. **Hafele, Paul F.,** property & supply clerk, GS-4, Region V Office, to supply clerk, GS-5, Independence. **Hardin, Richard B.,** tour leader, GS-4, Carlsbad, to actg. supv. park ranger, GS-5, Olympic.

Hay, John R., adm. asst., GS-6, Organ Pipe Cactus to same, GS-7 Glen Canyon. **Higgins, John C.,** supv. park ranger, GS-9, Glacier, to dist. ranger, GS-10, Grand Canyon. **Hoffman, Mrs. Sara V.,** clerk-steno., GS-4, Yellowstone, to secy., GS-5, Death Valley. **Jamison, Lyle E.,** adm. asst., GS-5, El Morro, to same, GS-6, Arches and Natural Bridges. **King, Samuel A.,** asst. Supt., GS-12, to supt., GS-13, Mount McKinley. **Lorentzen, Paul B.,** personnel technician, Div. of Personnel Mgt., Secretary's Office, to chief, employment section, Branch of Personnel Mgt., GS-12, WASO.

Lynch, Jos. S., supv. park ranger, GS-7, Shiloh, to same, GS-9, Great Smoky. **Manscill, Robert W.** adm. officer, GS-10, Hawaii, to Budget Officer, GS-11, Region II Office. **Menning, Edgar P.,** park naturalist, GS-5, Death Valley, to same, GS-7, Sequoia-Kings. **Messinger, Norman G.,** museum aid, GS-4, WAE, Southwest Archeological Center, to park ranger, GS-5, Petrified Forest. **Mishler, David M.** supv. accountant, GS-9, Glacier, to same, GS-11, Sequoia-Kings. **Morehead, John H.,** supv. park ranger, GS-7, Colorado, to same, GS-8, Mt. Rainier. **Murdock, Nelson,** supv. park ranger, GS-12, Yosemite, to chief park ranger, GS-13, Yellowstone. **Murphy, George R.,** auto mechanic foreman I, Yosemite, to auto mechanic foreman II, Death Valley.

Myers, Bruce, park lands. arch., GS-7, EODC, to same, GS-9 EODC, reassigned to EODC staff, Natchez Trace. **Orr, Joseph L.** supv. park ranger, GS-7, Bandelier, to dist. park ranger, GS-9, Big Bend. **Ott, McCune C.,** foreman III maintenance, Dinosaur, to foreman IV maintenance, Big Bend. **Perkins, Robert E.,** park ranger, GS-5, Yellowstone, to district park ranger, GS-7, Sequoia-Kings. **Reichard, Ronald R.,** park ranger, GS-5, Morristown, to same, GS-7, Colonial. **Rickey, Don, Jr.,** park historian, GS-9, Custer Battlefield, to historian, GS-11, JNEM. **Rinaldi, Charles R.,** adm. aid, GS-6, Harper's Ferry, to adm. asst., GS-3, Roosevelt-Vanderbilt. **Rose, Robert H.,** interpretive planner. GS-12, to regional naturalist, GS-13, Region

Rutherford, Chas. C., adm. asst., GS-6, Bandelier, to same, GS-7, Theodore Roosevelt. **Sagan, Marc,** park naturalist, GS-9, Grand Canyon, to museum specialist, GS-11 Branch of Museums, WASO. **Schmidt, Herman W.,** adm. asst., GS-5, Casa Grande, to same, GS-6, Organ Pipe Cactus. **Schuft, Peter H.,** asst. chief park ranger, GS-11, Olympic, to chief park ranger, GS-12, Sequoia-Kings. **Schulz, Paul E.,** chief park naturalist, GS-12, Grand Canyon, to regional naturalist, GS-13, Region I. **Schumacher, Paul J. F.,** supv. architect, GS-12, to regional architect, GS-13, Region IV. **Schwarz, Alfred P.,** adm. asst., GS-7, Castillo de San Marcos, to same, GS-9, Death Valley. **Shaw, Bruce W.,** supv. park ranger, GS-7, Everglades, to dist. park ranger., GS-9, Blue Ridge. **Smith, Harold C.,** asst. chief, GS-13, to chief, GS-14, Branch of Programs, WASO.

Stubbs, Roy ML, historian, GS-9, Cumberland Gap, to same, GS-11, JNEM, **Townsley, John,** supv. park ranger, GS-7, Yosemite, to mgt. asst., GS-9, Crater Lake and Oregon Caves. **Turner, Houston R.,** supply officer, GS-11, Yellowstone, to asst. chief, property management sec., GS-12, WASO. **Walker, Wilmer H.,** park ranger, GS-5, Everglades, to supv. park ranger, GS-7, Shiloh. **Ward, Richard M.,** ranger-in-charge, GS-9, Fort Jefferson, to Branch of Park Forest and Wildlife Protection, GS-11, WASO. **Warnock, Douglas G.,** supv. park ranger, GS-7, Chaco Canyon, to same, GS-9, Yosemite. **Webb, Paul L.,** supt., GS-9, Pipestone, to chief park ranger, GS-11, Dinosaur. **Wikstrom, Carl .L,** personnel officer, GS-9, Glacier, to same, GS-11, Sequoia-Kings. **Williams, Warwin E.,** prch. agt., GS-9 Yosemite, to supply officer, GS-11, Yellowstone. **Winsor, Luther S.,** asst. chief park ranger, GS-8, Bryce, to supv. ranger, GS-9, Great Smoky. **Zenfell, Woodrow W.,** supv. civil engineer, GS-11, Shenandoah, to supv. engineer, GS-12, JNEM. **Zink, Robert C.,** park naturalist, GS-7, Sequoia-Kings, to chief park naturalist, GS-9, Lava Beds.

REASSIGNMENTS

Abrams, John B., park ranger, Hot Springs, to same, Blue Ridge. **Bienvenu, Lionel J.,** historian, Fort Frederica, to supv. park historian, Morristown. **Bradford, S. Sidney, Jr.,** historian, Fort McHenry, to same, Morristown. **Chapman, Howard H.,** recreation planner, Region V Office, to supv. park ranger (law enforcement officer), Yellowstone. **Clark, Jack R.,** tour leader supervisor, Carlsbad, to park ranger, Lake Mead. **Coates, Jerrol G.,** civil engineer, WODC, to same, Mt. McKinley. **Cone, Wayne B.,** dist. park ranger, Rocky Mountain, to chief park ranger, Badlands. **Corson, James W.,** park naturalist, Mt. McKinley, to same, Glacier.

Davis, Clarence E., position classifier, Region I Office, to supply asst., Natchez Trace. **Doerner, Leon P.,** adm. asst., Theodore Roosevelt, to same, Lava Beds. **Farwell, Alfred G.,** adm. aid, Abraham Lincoln Birthplace, to accts. maintenance clerk, Shenandoah. **Garrett, Cecil A.,** supv. park ranger, Petrified Forest, to same, Big Bend. **Gordon, Garland J.,** tour leader, Carlsbad, to acting archeologist, Tuzigoot. **Hackett, Coyt.** museum curator, JNEM, to same, Region IV Office (Hdqrs. Yosemite). **Harvey, Silvanus,** adm. asst., Cumberland Gap, to adm. aid, Shiloh. **Hoiland, Francis R., Jr.,** historian, Morristown, to same, Cabrillo. **Hueftle, Max W.,** civil engineer, WODC, to same, Lassen Volcanic.

Johnson, Gunnard E., truck driver, H. D., Grand Teton, to truck driver (medium), Big Bend. **Johnson, Margarete R.,** personnel asst., Grand Teton, to secretary, Big Bend. **Kasparek, Robert B.,** supv. park ranger, Cape Hatteras, to same, Everglades. **Lohr, Edison P.** park historian, El Morro, to same, Fort Sumter. **Marsh, Harold A.,** park landscape architect, SWAC, to same, Region III Office. **McCurdy, Charles H.,** supv. park ranger, Big Bend, to park naturalist, Zion. **McKee, John H.,** foreman IV, maint., Big Bend, to foreman IV, const. and maint., Independence. **Miller, Keith E.,** supv. park ranger, Glacier, to same, Jewel Cave. **Morris, Robert C.,** supv. park ranger, Glacier, to same, Sequoia-Kings. **Mullady, John T.** supv. park ranger, Organ Pipe Cactus, to same, Glen Canyon.

Nelson, Raymond L., park naturalist, Mammoth Cave, to same, Branch of Natural History, WASO. **Nelson, Richard A.,** programs analyst, Region V Office, to supv. park ranger, Everglades. **Ochsner, David C.,** park naturalist, Olympic, to same, Craters of the Moon. **Oliver, Warren J.,** engineer (safety) EODC, to engineer (gen.) EODC, assigned to JNEM. **Penny, Hubert R.,** park ranger, Blue Ridge, to same, Horseshoe Bend. **Roper, Lawrence C.,** temporary laborer, Natchez Trace, to operator, general, Vicksburg. **Rossiter, John,** hway. engineer, WODC, to civil engineer, Sequoia-Kings. **Roye, Ralph L.,** supv. park ranger, Colonial, to same, Vicksburg.

Sanders, Harry K., attorney-advisor, Solicitor's Office, to asst. chief of lands, WASO. **Sarver, Donald R.,** supply asst., Natchez Trace, to adm. asst., Castillo de San Marcos. **Senne, Clifford W.,** asst. chief park ranger, Everglades, to park forester, Great Smoky. **Sielaff, Gerald W.,** supv. park ranger, Big Bend, to same, Grand Canyon. **Shipley, Victor H.,** supv. park ranger, Vicksburg, to same, Fort Matanzas. **Sellers, O. Raymond,** park ranger, Lake Mead, to same Lehman Caves. **Smith, George D.,** park engineer, SWAC, to same, Hawaii. **Stagner, Howard R.,** park planner, MISSION 66 staff, to Chief, Branch of Natural History, WASO. **Stimson, David G.,** dist. park ranger, Isle Royale, to supv. park ranger, Grand Portage. **Stites, James A.,** park engineer, Hawaii, to supv. civil engineer, Great Smoky. **Sylvester, Frank E.,** asst. chief park ranger, Yellowstone, to supt., Badlands.

Taylor, Albert E., Jr., warehouseman, Yosemite, to same, Sequoia-Kings. **Tidwell, William D.,** park ranger, Lake Mead, to park naturalist trainee, Olympic. **Trexler, Keith A.,** park ranger, Kennesaw Mountain, to park naturalist, Yosemite. **Voll, Charles,** archeologist, Casa Grande, to same, SWAC. **Whiting, Carlos S.,** inf. and ed. specialist, to asst. chief of information, WASO. **Widmer, Edward J.,** supv. park ranger, Big Bend, to same, Bandelier, **Wolfe, Francis T.,** park ranger, Cumberland Gap, to same, Natchez Trace.

SUPPLEMENTARY

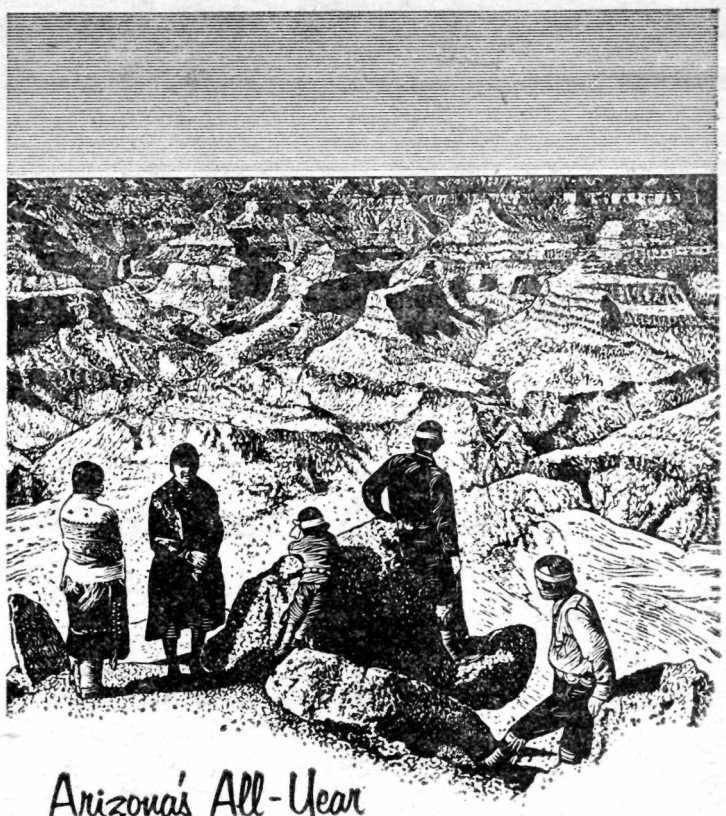
Good, John M., WASO to asst. chief naturalist, Yellowstone; **Hash, Lona D.,** foreman I mechanic, Sequoia-Kings, to foreman II shop, Yosemite; **Balaz, Gene J.,** supv. park ranger, GS-7, Sequoia-Kings, to district park ranger, GS-9, Grand Teton. **McMullin, William J.,** supv. accountant, Region IV Office, to proc. and prop. mgt. officer, Sequoia-Kings.

18 Prizes for Safety Posters

Eighteen cash prizes totaling $300 will be awarded this season in a Safety Poster Contest sponsored by the National Park Service. NPS and concessioner employes, except full-time safety officers and professional artists, in all areas administered by the Service will be eligible to compete.

Non-Service judges will award a $75 first prize, $50 and $25 second and third prizes, and 15 $10 awards. The Western Conference of National Park Concessioners will donate any prize money won by concessioner employes. Entries, which must be received by July 31, will be judged on the basis of ideas presented, and either a description or sketch of the poster may be submitted. Regional entries are to be submitted to the NPS regional offices, while entries from the Washington office and the Eastern and Western Offices of Design and Construction should be addressed to the Director, National Park Service, Washington 25, D. C.

"We need thought-provoking safety posters to stimulate interest and encourage active participation in the prevention of accidents and fires," said the Director, in announcing the contest. The NPS, which in 1958 had some of the highest accident frequency, severity, and cost rates among Federal agencies, hopes that two winning posters can be issued annually, one on accident prevention, the other on fire prevention.



Arizona's All-Year Vacation Land...

GRAND CANYON
NATIONAL PARK, ARIZONA
South Rim Open All Year

Fred Harvey ACCOMMODATIONS & SIGHTSEEING TOURS



El Tovar Hotel
Bright Angel Lodge and Cabins
Grand Canyon Auto Cabins
Yavapai Lodge
Motor and Trail Trips

3-Year Trial For Kowski Kollege Proves Value Of Training Center

When the National Park Service Training Center was authorized [illegible]7--with funds in sight to employ a supervisor and an assistant — the Director announced that it would start out that fall on a 3-year trial period. With two sessions a year behind it, the Training Center—widely known as Kowski Kollege—has completed that trial period and has come out of it with flying colors. It has established an international reputation; increasing numbers of visitors drop by to see what's going on.

Although slightly more than 6 per cent of the center's graduates have left the Service — some of them going into other conservation fields — more than 93 per cent remain with it, reasonably certain that a Park Service career is what they want.

Many helpers enlisted

In the conduct of the school and especially to provide instruction, Kowski has called on a wide variety of helpers from inside and outside the Service. Each session has had about 90 guest speakers and instructors.

"We still have a long way to go," says Supervisor Kowski. "And we couldn't have survived these first 3 years without the excellent cooperation and the tremendous encouragement we have received from Service personnel in many parks and park offices. This program belongs to all of us and in many ways it is our vote of confidence in the National Park Service of tomorrow."

Where the credit belongs

A vast amount of advance planning went into establishment of the center. That it was good and thorough planning is indicated by the fact that, in the face of constant effort at improvement, there have been no major changes in the curriculum as originally planned. There have been numerous minor revisions and modifications, based chiefly on trainee recommendations. Credit for field development of what is actually an enormously complex institution goes largely to Kowski and to Robert N. McIntyre (now chief park naturalist at Yellowstone); last year both received well-deserved superior performance awards for their successful pioneering. The present staff, in addition to Kowski, consists of Training Specialists Ted Thompson (Protection) and Myron Sutton (Interpretation), and Secretary June Branner.

There are handicaps

Yosemite is by no means ideally equipped as the center's location. For trainee family housing, the staff have to scrounge house trailers wherever they can, but can't get enough. Some trainees have had to commute over 60 winding mountain miles. The classroom, upstairs in the Yosemite museum, will accommodate just 26 students, only two-thirds of the number of new uniformed employees. "The rest are missing a worthwhile experience," mourns Kowski.

This type of training activity is established and will remain established, according to the Director, who has hopes of being able to set up a second center in the East. Meantime, the staff at Yosemite is lining up a bigger and better program than ever, according to reports from the front.

The sessions during the present fiscal year were designated the Arthur Demaray and W. B. Lewis sessions. Here are the newcomers to the NPS fortunate enough to attend.

Arthur Demaray Session.

Park rangers: Alan L. Atchison and Philip W. Ward, Blue Ridge; Keith A. Trexler, Kennesaw Mountain; William M. Lukens, Rocky Mountain; Thomas Gibson, Petrified Forest; Roy G. Rainey, Grand Canyon; Robert C. Stevens, Zion; Willis R. Anderson, Olympic, Michael C. Beaudry, Sequoia-Kings; Arthur C. Hathaway and Robert E. Powell, Joshua Tree; Wayne P. Merry, Yosemite; James W. Todd, Coulee Dam; Richard S. Tousley, Mount Rainier; Robert W. Peters, Gettysburg.

Park naturalists: Hugh B. Miller, Everglades-Great Smoky; Chester O. Harris, Rocky Mountain; James K. Baker, Carlsbad Caverns; Maurice C. Powers, Platt.

Park historians: Hobart G. Cawood, Cumberland Gap; James W. Coleman, Jr., Vicksburg; David D. Thompson, Jr., Fort McHenry.

Park Archeologist Edward D. Jahns, Bandelier; Paul F. Burgus, U. S. Park Police.

W. B. Lewis Sesson

Park rangers: Jacob P. Hamilton, Natchez Trace; Franklin V. Montford, Colonial; Edwin L. Rothfuss, Blue Ridge; Harvey D. Wickware, Great Smoky; Francis T. Wolfe, Cumberland Gap; Darrell L. Coe and Robert P. Wood, Yellowstone; Kim M. Fene, Theodore Roosevelt; Keith E. Miller, Wind Cave; Duncan R. Burchard, Big Bend; Robert J. Ferris, Platt; Ralph M. Iorio, Timpanogos Cave; David J. McLean; George S. Briggs, Sequoia-Kings; Daniel J. Farrell, Death Valley; William R. Jones, Olympic; James W. Larson, Mount McKinley; Homer P. Leach, Yosemite; Charles T. Meier, Joshua Tree; Robert K. Neal, Coulee Dam.

Park naturalists: Garrett A. Smathers, Blue Ridge, and Charles F. Bohannon, Organ Pipe Cactus.

Park historian — Richard H. Maeder, Castillo de San Marcos; archeologist — Charles B. Voll, SWAC; U. S. Park Police — A. Werner Conover.

Death Valley

Three large new oil paintings of Death Valley now hang in the lobby of the new visitor center, gifts of Mr. Robert F. Williams. Seventy-nine-year-old "Grandpa Williams", as he is affectionately called by the Death Valley youngsters, has spent the past four winters painting the valley. The paintings which he presented to the National Park Service vividly depict Artist's Palette; Badwater and Telescope Peak; and Death Valley from Breakfast Canyon.

Born to Ranger and Mrs. Dan Farrell, September 10, 1959, a daughter, Rachel; to Caretaker and Mrs. Barry Ward, December 31, 1959, a daughter, Maryel.

Jean Bullard, wife of Death Valley's Chief Park Naturalist, Bill Bullard, has had 3 articles dealing with Death Valley in the Christian Science Monitor recently.

Janet G. Sellards, a graduate of Death Valley Unified High School, was recently selected Honor Woman of her company of WAVES at the United States Naval Training Center, Bainbridge, Maryland. Janet is the daughter of Equipment Operator Ed Graves and Mrs. Graves of Death Valley.

The commendation read in part that Janet was selected because of her . . . "superior attitude, her demonstrated loyalty, attention to duty, dependability, aptitude for naval life, and the marked evidence of those qualities which are particularly characteristic of a real navy career woman. . ."

Roger H. ("Smoke") Miller retired in March after 34 years of government service, receiving the Departments commendable service award. Smoke entered the service in 1925 as a truck driver in Yellowstone, soon advancing to auto mechanic. He transferred from Yellowstone to Death Valley in 1957 as Automotive Mechanic Foreman II.

His wife, Evelyn K. Miller, resigned as secretary to the superintendent so Death Valley lost two key employes as the result of Smoke's retirement.

Burton Frasher, well-known photographer of Southern California, had a one-man color print show of Death Valley at the Los Angeles County Fair recently. The United States State Department picked his show as their first choice of all of the exhibits at the fair so his prints will go on a world-wide tour.

Fred Binnewies is now assistant superintendent of Glacier National Park, but the Binnewies family carved a lasting niche for themselves during the 5 years Fred was superintendent here.

Amy founded the Death Valley Boosters Club, which combines the functions of a Lions or Rotary Club, a P.T.A., and a social club. It has proved that cooperation between Park Service families and concessioner employees can be a pleasure. Its most recent fund-raising events were the annual Boosters Club carnival and a most successful minstrel show. Proceeds go to help the local school, for a scholarship fund, for other community services, and for outside charities.

Fred encouraged pot-luck suppers, swimming, square dancing, and other family activities that make it a pleasure to live in Death Valley. He also improved relations with our nearest communities. Those residents who have been in Death Valley during Fred's 5 years here appreciate what has been done to make this area a more pleasant place in which to work and live.

Born a daughter, Mary Theresa, to Automotive Mechanic Helper and Mrs. Joseph H. Rockwell, April 6, 1960.

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Roland Wauer, assistant park naturalist, and Miss Sandra Hall of Death Valley, were mrried in the Lutheran Church in Las Vegas on February 22, 1960.

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Elton A. ("Mike") Fahrner, auto mechanic, and wife, Edie, celebrated their 25th wedding anniversary in Death Valley when their neighbors gave them a surprise chivaree.

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Ralph Welles, who is currently conducting a study in Death Valley of the relationship between feral burros and bighorn sheep, was elected secretary-treasurer of The Desert Bighorn Council. Ralph, with his wife Buddy, attended the annual meeting of the council last month in Las Cruces, New Mexico.

Everglades

Everglades National Park is, apparently, the only place in South Florida where more, rather than less, water is wanted and needed; the expanding populated and agricultural areas in this part of the state want less than they now get. All indications are that it may be possible for the park to obtain a much-needed additional supply, though how much is still not determined.

With many other agencies interested in southern Florida's waters, Supt. Warren Hamilton and Park Biologist Robertson, Al Vick of the Region One Office, and Van V. Dunn of the Washington Office met with the Corps of Engineers in Jacksonville on April 14 for a water-resources discussion. On April 22, Supt. Hamilton and Asst. Supt. Jack Dodd accompanied Lieut. Gen. E. C. Itschner, Chief of the Corps of Engineers, and District Engineer Paul D. Troxler on a show-me tour of the park and other South Florida areas; with them were representatives of various Dade County and other local interests.

An adequate supply of water is vital to Everglades' long future; drainage of vast quantities of it from north of the park direct to the Atlantic threatens a complete change in the ecology of the park.

On a recent visit to the Park, Miss Elizabeth Albro, Region One Museum curator, spent a day at Flamingo instructing ranger and naturalist personnel as to the proper information to accompany specimens to be made part of the museum collection. She also assisted in establishing a catalog and record system for these specimens — an undertaking being supported by the Everglades Natural History Association.

One of Everglades' most interesting collections consists of about 14,000 specimens of tree-snail shells, of which 4,000 were recently donated by Collaborator Ralph D. Humes. Though most of the shells came from hammocks now within the park boundary, Mr. Humes began collecting in 1930, 17 years before the park was established.

Ralph E. Lewis returned to his position of automotive mechanic at the Pine Island shop on April 18, after undergoing six operations for the removal of cataracts from both eyes.

Two days before the first of Bob's operations, Mrs. Lewis gave birth to their second son, Philip. She prevailed on her obstetrician to let her leave the hospital 48 hours after the baby was born so Bob could have a good look at his son before his operation; he couldn't view the baby through the hospital nursery window.

Miss Molly Fitzgibbons, a member of the Board of the British National Parks, was a recent Everglades visitor. Though she enjoyed her entire tour of the park she was particularly impressed by the Royal Palm area, Pa-Hay-okee Overlook and Mahogany Trail. She left Everglades to visit San Juan National Historic Site and Virgin Islands National Park.

S. Segunda, chief of Indonesia's Tourist Division, was an Everglades visitor in February. He made a general tour of the park but his primary interest was in the operation of concessioner facilities at Flamingo. Mr. Segunda was traveling under Department of Commerce sponsorship.

Mrs. Maude C. Harriott is the person at Everglades headquarters who is responsible for answering visitors' questions about Fort Jefferson. For six months she answered questions "on hearsay." Recently she decided that had to be remedied. The remedy was a week at Fort Jefferson with her husband and two houseguests - a visit to another world of calmness, serenity, and remoteness.

Born to Research Biologist Bill Robertson and his wife, Mary Elizabeth, on Feb. 27, 1960, a second daughter, Amy Louise.

Service Is Given 1812 Rocket Shell

Remember 'the rocket's red glare?"

The rocket shell whose fiery red was observed by Francis Scott Key from a ship in Baltimore Harbor on the night of September 13-14, 1814, came from a Congreve rocket, invented by a Britisher, William Congreve, in 1804, and used with some success by the British in the early 1800's. There is a prophetically modern ring to the Independent Rocket Unit established by the British War Office in 1812. The rocket ship Erebus, which participated in the Baltimore attack, was the prototype of modern naval rocket and missile ships. The Congreve rocket was pretty inaccurate, however, and this led to its abandonment as a primary military weapon, not to be revived until World War II.

All of which leads up to the fact that a shell from a Congreve rocket used by the British during the Chesapeake Campaign in the War of 1812 has been donated to the National Park Service. It was presented by Miss Mabel G. Parker of Colorado Springs to Morristown National Historical Park. However, it will be displayed at Fort McHenry since it relates directly to the fort's story.

RETIRING FROM B.P.R.

George B. Gordon, who was a landscape architect at Acadia from 1933 to 1935, is retiring from the Bureau of Public Roads on August 1. Gordon has been the BPR man principally concerned with landscape treatment of highways and the development of safety areas, waysides, picnic and camp grounds. Long a resident of Bethesda, Md., he will retire to Jamaica — not in the West Indies, but in Vermont. He likes cold weather — not to mention Vermont summers.

New Signs Will Direct To Park

Visitors to Saratoga Springs, N. Y., will soon be assisted in finding their way to Saratoga National Historical Park by distinctive new directional markers. These are lettered "Saratoga Battlefield" with a directional arrow attached.

The markers have been provided by the Saratoga Historical Society of Saratoga Springs as a community service and as a convenience to the thousands of travelers who visit the famous resort town during the travel season.

The project was planned by the Historical Society in co-operation with Park Superintendent I. J. Ellsworth, who provided the technical advice.

Shore Survey Points Out Three Significant Sites in Michigan

Names to remember: Sleeping Bear Dunes . . . Pictured Rocks . . Huron Mountains. These three areas of possible national significance are featured in **Our Fourth Shore,** the recently published Park Service report on the Great Lakes Shoreline Recreation Area Survey. This survey follows similar ones of the Atlantic, Gulf and Pacific coasts. With its more detailed supplement, **Remaining Shoreline Opportunities,** it points out the important remaining natural areas worthy of preservation for public use and enjoyment.

Covering nearly 5500 miles of shoreline in the summers of 1957 and 1958, the survey team headed by Landscape Architect E. Winton Perkins identified 66 areas possessing values for public use. Most of these were of less than national significance and were recommended for acquisition and development by public agencies in the 8 states bordering the Great Lakes. Five were considered to possess values worthy of inclusion in the National Park System. However, 2 of these, Pigein Point, Minn., and Indiana Dunes, Ind, have already been sevverely damaged by man-made intrusions since the survey was completed.

Three good ones remain

Three outstanding natural areas in Michigan still remain relatively unspoiled. The Sleeping Bear Dunes tower some 400 feet above the waters of northeastern Lake Michigan. Here, dunes, beaches, forests and inland lakes are combined in one of the most scenic and scientifically important areas on the Great Lakes. On the south shore of Lake Superior, lies the rugged and scenic topography of the Huron Mountains which, as part of the Superior Upland, expose the oldest rocks known to man. Some 60 miles to the east, Superior's pounding waves have carved a variety of shapes in the colorful, 200-foot cliffs of the Pictured Rocks. These areas are now receiving further study to determine the feasibility of including them in the National Park System.

The Great Lakes survey was made possible by funds donated by private foundations. It was conducted by a special team working out of the Region Five Office. Assigned to the supervision of George Thompson, regional chief, Branch of Recreation Surveys, the survey team also benefited by the experience of Allen T. Edmunds, regional chief of the Recreation Resource Planning Division, who had headed up the 1954-1955 survey of the Atlantic and Gulf Coasts. The reports were completed and approved before Dan Tobin retired as Regional Director.

Park Folks, Present and Past, Tell All In "Westways" Special

Part One of the April issue of **Westways,** the monthly magazine of the Automobile Club of Southern California, is all about national parks and almost all written by National Park Service folks, - a group which, of course, includes the wives — or the husbands, as the case may be — of National Park Service employees. The idea of such a special issue originated with and was "sold" by Ruth Kirk, wife of Louie Kirk who, until a year or so ago, was park naturalist at Theodore Roosevelt National Memorial Park, and is now teaching at Antelope Valley College in California. Many of the varied black-and-white pictures are Louie's; one of the articles, entitled "Emergency," was written by Ruth, who has written and marketed numerous articles on national park subjects.

A well-known author named Conrad Wirth starts the issue off with an article on "MISSION 66." John Henneberger, superintendent of Scotts Bluff National Monument, and wife Barbara, are authors of "The Good Old Days in Yellowstone" and "63,000,000 Guests," respectively. Natt Dodge's story about Boss Pinkley is entitled "The Reluctant Leader." Carolyn, wife of Park Ranger Keith Miller (summers at Jewel Cave, winters at Wind Cave), wrote "Back Country Station." John and Ruth Aubuchon have been stationed among Indians on several assignments. John is now assistant superintendent at Hawaii. Ruth's article, "Our Good Neighbors," is all about Indian friends.

Overuse and misuse

Richard J. Hartesveldt, recently on the faculty at San Jose State College, Calif., now or soon to be at the University of Michigan headed for his doctorate, saw service at Death Valley and has been at Yosemite as a seasonal for 9 summers. His article, dealing with both overuse and misuse, is entitled, "Can We Save the Parks for the People?" Adolph Murie, who surely knows about them, writes on "Birds and Beasts in the Far North Wilderness."

"Oh, for the Life of a Ranger" and "Log of a Lookout" are largely pictorial with no author credited. "Adventure Directory" deals in brief with what to see and do in each of a number of western parks and monuments; it is illustrated with exceptionally clever "thumbnail" cartoons. The section entitled "Western Books and Writers" deals largely with books about the parks, some of them by National Park Service people, and has a nice word for "That the Past Shall Live," newest of the Service's own series of special brochures on various phases of its work. The cover, in color, is a picture of a park naturalist addressing a campfire group.

Altogether, an exceptional production, which explores several national parks facets not very often written about.

Yosemite

Alan Zachwieja, 13, son of Park Ranger "Zach" and Harriet Zachwieja, has been awarded a scholarship to Phillips Academy at Andover, Massacusetts. He will have 4 years there if the scholarship is continued all the way.

Stanley T. Albright was recently selected from the Civil Service register for appointment to a permanent park ranger position in Yosemite National Park effective May 2. Stan, who was in charge of Devils Postpile National Monument as a seasonal ranger last summer, is a nephew of former Director Horace Albright.

Yosemite was in the wrecking business for sure during the Washington's Birthday weekend. On the afternoon of February 20, as the skiers started heading home from Badger Pass, one driver took a curve too fast and slid crossways in the road. This started a chain reaction involving 16 cars, two of which were near-total wrects. The total estimated damage was $6,500. Happily, there were only six people injured - none seriously.

Married — Park Naturalist Don Cornell and Miss Eva Richard — sometime during the week of April 25.

Engaged — Park Ranger Clyde Lockwood and Miss Charlotte Spranger. Char is an employee of Yosemite Park and Curry Co., a ski instructor during the winter, a hostess during the summer.

One of the best friends Yosemite's trees have ever had finally decided to take a well-earned rest. Forestry Foreman Les Phillips retired as of April 29 after 26 years in the Forestry Division. Les started as an axeman, was soon made a foreman, and served in a supervisory capacity for over 20 years. Les and his wife, Edna, have made their permanent home in Mt. Bullion, close to the park.

Yosemite Arrivals

Dana Carol, daughter, to Park Ranger Ben Twight and wife Janet, June 28, 1959, 7 lbs. 4 oz.

LeAnn Agnes, daughter, to Woodsworker Charlie and Darla Castro Sawyer June 29, 1959, 6 lbs.

Barbara Ann, daughter, to Mechanic Al and Margaret Heyne, July 12, 1959, 9 lbs.

Mary Frances, daughter, to Herky and Margaret Allcock, July 28, 1959, 7 lbs.

Rita Loraine, daughter, to Signmaker's Helper Bob and Winifred McFarland, June 11, 1959, 7 lbs.

Lawrence Randall, son, to Myron and Ann Sutton, Nov. 25, 1959, 9 lbs.

Barbara Jo, to Betty Jo and Roy Rorabaugh, Nov. 23, 8 pounds, 2 ounces.

Frank Ralph, to Elsie and Frank Dominguez, Nov. 24, 9 pounds.

Sandra Irene, to Judy and John Degen Nov. 28, 6 pounds, 3½ ounces.

Historian Heads Civil War Group

Thomas J. Harrison, park historian at Petersburg, was chosen chairman of a regional Civil War committee organized at Petersburg on March 23, when the park was host to the executive director and assistant director of the Virginia Civil War Centennial Commssion, to representatives of nearby city commissions; and to representatives of Prince George and Dinwiddie Counties. At a later meeting, at which the chairman was chosen, the name, "Southside Virginia Civil War Centennial Committee" was adopted.

Memorial Honors Russian Seamen

Russian seamen killed in a battle with the Kiksadi Indians in 1804 were honored at Sitka National Monument at a ceremony on the fiftieth anniversary of the establishment of the monument March 23, 1960.

The new memorial to the seamen consists of a routed aluminum plaque on a concrete base topped by a new cross of the Russian Orthodox Church; it is surrounded by a neat wooden fence. This memorial replaces the older marker which had been temporarily removed during archeological excavations in 1958.

Bishop Amvrossy, resident bishop of Alaska for the Russian Orthodox Church, blessed the cross during a colorful ceremony.

Association Has Ten Good Years

In 1959, the Eastern National Park and Monument Association celebrated its tenth anniversary. The annual report of the organization, a multilithed and illustrated document of 68 pages and cover, is a rather exciting document, recording the manner in which the Association has grown from 1949's modest beginning to what may be fairly called big business, with 35 sales agencies in as many areas of the National Park System in the East and South. During its 10 years of existence, it has contributed $109,211 to Service interpretive projects. In 1958 alone, the contribution was more than $41,000; in 1959, $12,934.

The extent and kind of business carried on by the Association as an official cooperating society is indicated by sales, during the year, of more than 108,000 publcations issued by the Government Printing Office; more than 66,000 commercially produced publications of various kinds; more than 22,000 copies of Association publications and reprints; and 1,027,663 postcards, - good ones, too. It is through such sales that the Association obtains the funds which are used to advance interpretation; since virtually every sales item is itself interpretive, the association's contribution to its objective by this means is tremendous.

The sales outlet maintained by the Association at Independence National Historical Park is the most important on its list from the standpoint of gross—and probably net—income. Sales there during the year nearly reached $81,000.

Teton Tragedy

(Continued from Page 1)

men. Donations to the Wilcox-Fonda Memorial Fund have passed the $1,665 mark, and the fund continues to grow.

Glacier's Year

(Continued From Page 1)

asst. supt., Morristown - Meyner, New Jersey; **Walter B. O'Neal,** supv. park ranger, Carlsbad Caverns - Burroughs, New Mexico; **Gilbert W. Calhoun,** supv. park ranger, Roosevelt - Vanderbilt - Rockefeller, New York; **Gustaf Hultman,** chief park ranger, Cape Hatteras - Hodges, North Carolina; **Robert J. Murphy,** dist. park ranger, Rocky Mountain - Davis, North Dakota; **Aubrey F. Houston,** supt., Perry's Victory - DiSalle, Ohio; **Lonnie A. Shaffer,** chief park ranger, Platt - Edmondson, Oklahoma; **John Townsley,** mgt. asst., Crater Lake - Hatfield, Oregon.

James R. Sullivan, historian, Independence - Lawrence, Pennsylvania; **Dean Dazey,** supv. park ranger, Lake Mead - Del Sesto, Rhode Island; **Horace Sheely,** historian, Fort Sumter - Hollings, South Carolina; **Keith E. Miller,** park ranger, Jewel Cave - Herseth, South Dakota; **Bruce Miller,** forester, Washington Office - Ellington, Tennessee; **Rothwell P. Broyles,** supv. park ranger, Big Bend - Daniel, Texas; **Dwight L. Hamilton,** park naturalist, Dinosaur - Clyde, Utah; **James Dempsey,** supv. park ranger, Great Sand Dunes - Stafford, Vermont; **Donald Robinson,** park naturalist; Blue Ridge Parkway - Almond, Virginia.

Stanley McComas, chief park ranger, Olympic - Rosellini, Washington; **Frank H. Anderson, supt.,** Harpers Ferry - Underwood, West Virginia; **Robert P. Wood,** park ranger, Yellowstone - Nelson, Wisconsin; **Ray B. Ringenbach,** supt., Fort Laramie - Hickey, Wyoming; **Donald O. Teegarden,** seasonal park ranger, Yellowstone, and three Glacier rangers - Loew of Guam, Munoz-Marin of Puerto Rico, Merwin of Virgin Islands, and Governor of American Samoa.

Everything in Operation

During the conference, first of its kind ever held in a national park, all normal visitor facilities of the park will be operating as usual. This includes the concessioner activities such as boat trips, motel and hotel accommodations, meal service, entrance and information stations, campgrounds, and the regular naturalist activities of evening campfire programs and daily guided trips.

Although President Eisenhower has announced he will not be a scheduled speaker at the conference, he has not ruled out the possibility he will make a surprise visit to the park during the meeting.

The Director Says

(Continued from Page 4)

to recognize that anyone unjustly accused or improperly subject to suspicion in this matter should have all stigma removed from his name. In other words, our position simply is one of patiently waiting until the situation is fully resolved on all of the points raised in the memorandum or otherwise.

No basis for "giveaway" charge

In final conclusion, two items should be cleared up. First of all, there have been no negotiations whatsoever conducted under the 1958 act by this Service with Company officials looking to the consummation of a land exchange or reaching an agreement on their respective water rights in the Furnace Creek area. We have conducted preliminary studies to determine sources of water, how much water is available, what rights appear to exist, and the amount of water this Service will require for its foreseeable needs. It must be recognized that no basis exists for a "giveaway" charge when no commitments or agreements have been under negotiation or made under the 1958 act.

The second point involves the subsidiary tie-in of reduced or free accommodations granted by the Hotel Company to certain Federal officials at Furnace Creek Inn, starting in 1956. The fact of the matter is that the operator of the Inn, a lessee of the Hotel Company, is not a national park concessioner in the Monument. The operator does, however, conduct a concession operation in another National Park. The Company simply extended the courtesy of the usual concession rate formula for Interior employees to the persons mentioned in the Committee's letter of April 19, 1960, to Secretary Seaton. The approved formula followed by national park concessioners is that certain high officials of the Department and of the Service receive free accommodations, while lesser officials receive rates slightly within their allowed per diem. The differential in the latter case is barely sufficient for modest tipping.

As indicated above, I am sincerely looking forward to a full hearing and consideration of the charges that have been made because such course will resolve all doubts as to the propriety of action taken by this Service in this matter.

CONRAD L. WIRTH
Director

Chance to Become Superintendent Needs Broadening, Tolson States

National Park Service employees who have demonstrated ability in management, public relations, and supervisory skills should be in line for consideration for superintendent or assistant superintendent positions, regardless of their educational or experience background. So asserted Assistant Director Tolson recently, in asking that supervisors carefully review the qualifications of employees under their supervision to determine if they have the abilities required to perform satisfactorily as superintendents or assistant superintendents.

Tolson's memorandum was prompted by a recent study indicating an apparent imbalance between the number of park rangers and the number of employees in permanent interpretive positions recommended for such positions. During the first quarter of 1960, of some 240 employees in permanent interpretive positions who had never served as superintendents, only 5 were on promotion lists for superintendencies. The same imbalance appears to exist also in the fields of administration, maintenance, recreational resource planning, and in the design and construction professions.

The same study revealed that since the end of World War II 87 employees have become superintendents for the first time. Of these 58 had been park rangers, 13 were from interpretation, 2 were from architecture, and one was promoted from a craft position in the area where he now serves as superintendent.

Let's Stay Away from Lituya Bay!

WODC planners recently found it expedient to cancel some proposed development plans for Lituya Bay, Glacier Bay National Monument, in deference to a particularly awe-inspiring natural phenomenon.

While pursuing developmental research, designer Al Kuehl unearthed the following fantastic statement in **Geological Survey Professional Paper 354-C,** by Don J. Miller:

"In 1958 about forty million cubic yards of rock, loosened either by displacement on the Fairweather fault or by accompanying shaking, plunged into Gilbert Inlet from a maximum altitude of 3000 feet on the steep northeast wall. This rockslide caused water to surge over the opposite wall of the inlet to a maximum altitude of 1740 feet, and generated a gravity wave that moved out the bay to the mouth at a speed probably between 97 and 130 miles per hour."

The paper further states that several other giant waves have occurred in Lituya Bay within the present century, wiping out many square miles of shore timber land and raining total destruction within the confines of the bay. By comparison, such waves would equal the height of Upper Yosemite Falls or the Inner Gorge of the Grand Canyon, and be eight times higher than the average dreaded tidal wave! - **H. H. Wilcox**

RUNNER-UP

Miss Elizabeth Jean Valencia, clerk-typist in the Division of Interpretation, Region Three Office, placed second in the contest for La Reina de las Fiestas de Santa Fe (queen of the 248th annual Santa Fe Fiesta). She will serve as one of four princesses in the queen's court and will have a prominent role in all of the functions leading up to the gala Fiesta, opening this year on September 2.

POSTHUMOUS AWARD

The Department's Commendable Service Award was granted posthumously to George H. Sholly. Regional Director Howard W. Baker of the Region Two Office presented the award to Sholly's widow, Reece, on April 8, 1960.



Supt. Finch and Biggest Bighorn

Organ Pipe Desert Bighorn Skull Adjudged Largest Found in U. S.

A large desert bighorn skull, weighing approximately 25 pounds, was found by a visitor on the side of Pinkley Peak in Organ Pipe Cactus National Monument in 1957. Last February, the Boone and Crockett Club of Tucson officially measured the skull and established it as the largest ever found in the United States, and the seventh largest of record — the six larger skulls were all found in Baja California, Mexico.

The desert bighorn, closely related to the Rocky Mountain sheep, was once plentiful in the arid Southwest but has now been diminished to just a few bands. There are probably 60-100 of them in Organ Pipe cactus.

"Col. Bob" Ends Notable Careers

Col. H. K. (Bob) Roberts, as noted in the March 3 issue of the **Courier,** retired a few months ago from his briefly-held post of construction representative, in which he had served first at Colonial and later at Cape Hatteras. Before retiring from the National Park Service, Colonel Bob had also retired from the U. S. Air Force. He is a veteran of World War I, World War II and the Korean War.

Bob Roberts first came to the National Park Service, according to his own remembrance of it, in 1934, when he became assistant district officer in Atlanta, headquarters for what was then District IV of State Park Emergency Conservation Work organization. Previously, he had been in Col. Richard Lieber's famous Indiana state parks. He came to the Service via the just a-borning Virginia state park organization in which he was associate director of parks.

Career with N.P.S.

Bob was successively district officer of District III, headquartered in Richmond; assistant regional officer of Region One, during the beginnings of NPS regionalization; and assistant regional director when the regions became a permanent part of the Service organization. During the period preceding U. S. entrance into World War II, he was on detached service with the Army, under two generals, making a survey of "recreation sites" along the Atlantic Coast.

Work with J-W-Y Commission

In 1954, Bob was picked as administrative director of the Jamestown-Williamsburg-Yorktown National Celebration Commission. His final assignment with the NPS began when the Commission's existence came to an end in June 1958.

The colonel and his wife Nora are living on Route 2, Queens Lake Road, Williamsburg, Va.

Grand Portage Made Monument

With the donation to the United States of about 700 acres of land by the Minnesota Chippewa Tribe and the Grand Portage Band of Chippewa Indians, Grand Portage, in Minnesota, part of a long important trade route, became a national monument late in March. Establishment, subject to vesting of title to the lands in the United States, was authorized by a Sept. 2, 1958, act of Congress. Since 1951, the area had been a national historic site in non-Federal ownership, designated as such by former Secretary of the Interior Oscar L. Chapman.

Grand Portage was the overland trail over which earlyday travelers carried their canoes and cargoes to bypass a series of falls and rapids in the last 20 miles of the Pigeon River, now a part of the United States, Canada boundary before it empties into Lake Superior. Included in the new monument are the old portage route as well as the site of Fort Charlotte, on the Pigeon River, and the site of the reconstructed North West Company stockade and trading post at the eastern end of the portage.

HISTORIC SITE FAVORED

The Interior Department has recommended the enactment of S. 939, which would authorize the establishment of Fort Bowie, in Arizona, as a national historic site, to contain not more than 1,000 acres. Included would be Apache Pass, where what was considered the most hazardous stage station on the Butterfield Trail was maintained.

Department Would Add 472 Acres To Fort Necessity's Present Two

Fort Necessity National Battlefield Site would become Fort Necessity National Battlefield and its present 2 acres would be enlarged by 472 more, if legislation asked for by the Department of the Interior is approved by Congress. Of the added acreage desired, 312 acres are now owned by the State of Pennsylvania as Fort Necessity State Park (289 acres) and the detached Braddock Grave Site and Monument (23 acres); the Pennsylvania Legislature recently authorized the transfer of these lands to the Federal Government, — for a dollar. It would probably be necessary to buy most of the other 160 acres proposed for acquisition.

The Bureau of the Budget raised no objection to the passage of the proposed legislation but made no promise "as to the time of an appropriation estimate for the purposes of the bill."

At Fort Necessity was fought the first engagement of the French and Indian War on July 3, 1754. In it, the commander of the British troops — one George Washington — had his baptism of fire. An authentic replica of the tiny circular fort built under his direction was constructed on the original site a few years ago, its authenticity assured by archeological exploration under the direction of J. C. Harrington, Region One's chief of interpretation.

Acadia

The Robert Metherells have returned to the Eastern District from Arlington, Va., where they lived while Bob attended the 11th Departmental Management Training Program in WASO. During the last part of the program Bob coordinated the NPS Water Safety and Rescue Training Seminar in Everglades National Park.

During Metherell's absence Roy Stamey of Isle Royale was temporarily stationed here.

Friends of Marjorie Higgins, clerk-dict. mach. transcriber at Acadia, will be sorry to learn she lost her husband on April 24. Carroll was ill with cancer for about 6 weeks. Contributions were made to the Cancer Fund in lieu of flowers.

RAINIER'S GEOLOGICAL HISTORY UNDER STUDY

The inspirational attraction of Mount Rainier is intimately related to its landscape, and this in turn is a reflection of its geologic history. Snow-capped mountains, gleaming glaciers, and cascading rivers are implied in the one word, scenery.

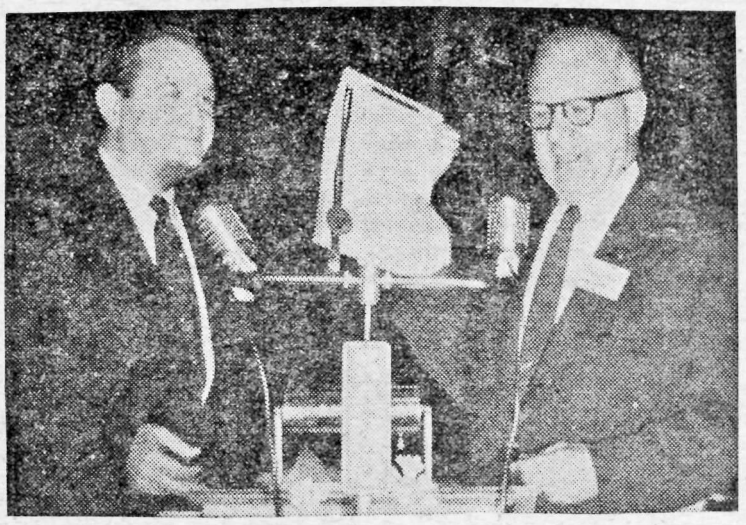
To help park visitors to better understand Mount Rainier's scenery, Dr. Aaron C. Waters, Johns Hopkins University, supported by a grant from the Mount Rainier Natural History Association, has been engaged in a research project studying the geologic history of Mount Rainier National Park. Work on this project began in June 1958 and will continue through 1960. Assisting Dr. Waters are Dr. Cliff A. Hopson, Dr. Richard Fiske and Mr. Tom Wright, all of Johns Hopkins University. The results of this study will be published as a scientific and popular account available in 1961.

Alex D. Walker, administrative officer at Mount Rainier since June 1956, was presented with a 30-year pin at a community gathering March 4. Alex had worked at so many jobs in so many places for so long a time he had lost track of total service. The matter was referred to the U. S. Civil Service researchers who came up with some 31 years as of April 21, 1960.

Scott New Fred Harvey President

Leslie Scott, vice president of the Fred Harvey organization for several years, and at one time in charge of the company's Western Division, assumed the post of president on January 1. Fred Harvey operates facilities in Grand Canyon, Petrified Forest and Death Valley.

Joe Shepperd, who retired as maintenance man at White Sands in 1957, is finally getting cooled off after 20 years of baking in the desert sun. Joe is living up in the Sacramento Mountains, where he is caretaker at Nogal Lake, a portion of the water supply system serving the city of Alamogordo, New Mexico.



Director Accepts Pea Ridge Deeds

Shown above is Arkansas' Governor Orval E. Faubus [illegible] to Director Conrad L. Wirth the deed to the land which recently became Pea Ridge National Military Park. This presentation took place at a "Deed Day" ceremony on March 7. On Sunday evening, March 6, a reception was held for the Director and the Governor at the Arkansas Hotel in Rogers, Arkansas. At this reception, the Director, Regional Directr Elbert Cox, and Supt. H. Raymond Gregg, Hot Springs National Park, were presented "Arkansas Traveler" certificates by Governor Faubus. Also presented to the three were commemorative gavels made from cedar posts taken from the Pea Ridge Battlefield.

Until permanent personnel are assigned to the new park, after July 1, 1960, Gregg has temporary responsibility for the area. (Photo courtesy Rogers Daily News, Rogers, Ark.)

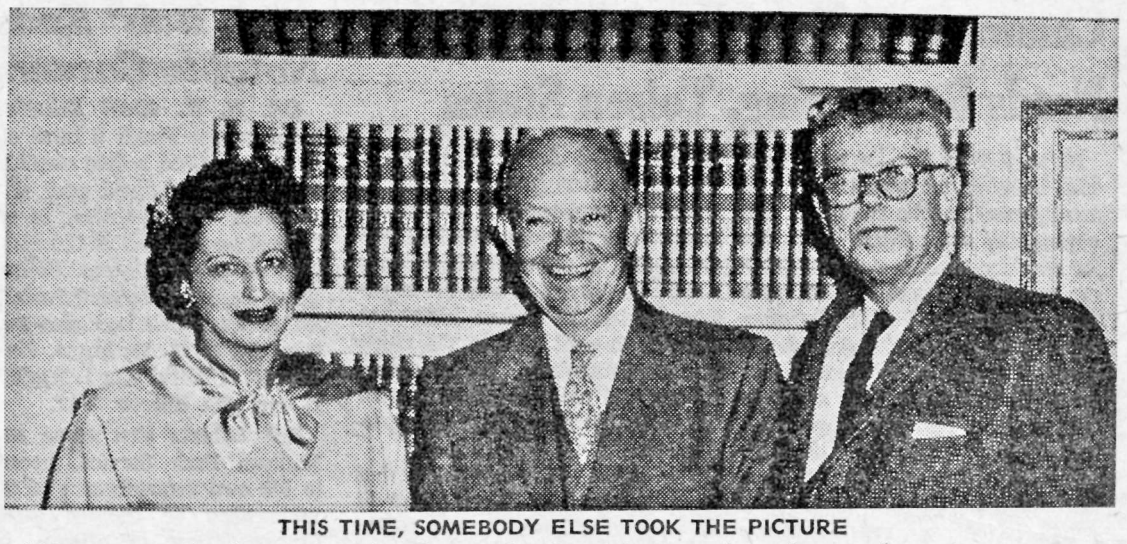
JNEM Now Pulsing with Activity; Unsightly Trestle Is on Way Out

A unique development program which involves the greatest single construction appropriation in Service history, is now underway at Jefferson National Expansion Memorial in St. Louis. For many years an almost inactive area, JNEM is now very much alive; during the next few years it will undoubtedly receive nationwide publicity.

An illustration of the scope and complexity of the JNEM development is the railroad relocation project, to cost nearly $5,000,000. For many years, the unsightly railroad trestle passing through the memorial along the waterfront was a prime obstacle to development. Eventualy, objections overcome, the Terminal Railroad Association, the City of St. Louis, and the Service reached agreemtnt. In 1959, the work of track relocation began.

The objective of the project is to place the railroad out of sight. It includes the complete removal of the trestle and the moving of some 4,400 feet of dual tracks; construction of a 1,000-foot tunnel opposite the central section of the memorial; construction of crossover bridges for pedestrian traffic; and construction of piers and 3 structural-steel bridges over city streets. The original contract for $2,426,000 covering a portion of this work, was the largest single Building & Utilities contract ever let by the Service.

The central feature of the Memorial development, planned for completion in 1964, 200th anniversary of the founding of St. Louis, will be a soaring stainless-steel arch, symbolic of the role of St. Louis as the Gateway to the West. The arch will rise to a height of 600 feet--taller than the Washington Monument. At its base, it will be an isosceles triangle, 57 feet on a side. It will taper to 17 feet at the top, where an observation platform will be located.



THIS TIME, SOMEBODY ELSE TOOK THE PICTURE

Abbie Rowe, National Capital Parks photographer has taken countless pictures of senators, representatives, and distinguished Americans and foreigners with President Eisenhower. Here the procedure is reversed; Abbie finds himself and his recent bride, Mrs. Grace Judy Rowe, in some very distinguished company. The picture was taken at a White House luncheon given by Mrs. Eisenhower for wives of White House Photographers. Mrs. Rowe is employed with the U. S. Park Police.

Earthquake and Eruption Stories In Geographic Out of This World

The editors of the **National Geographic Magazine** said no more than the truth when, in a note preceding the lead article in the March 1960 issue, they declared, "Never have such elemental displays been better covered by color photography than in the articles that lead this issue." The first article, "Fountain of Fire in Hawaii" dealt with the recent eruption of Kilauea Iki in Hawaii National Park; the second, "The Night the Mountains Moved," was the story of the earthquake which struck Yellowstone National Park and a vast area of country adjoining it last August.

Few, if any, more striking pictures of volcanic activity have ever been taken than those made by Robert B. Goodman and Robert Wenkam for the volcano article by Frederick Simpich, Jr. J. Baylor (Joe) Roberts produced most of those which acompanied Samuel W. Matthews' article on the earthquake, though several others contributed pictures. One of the most striking, an air view of the junction of the Madison, Jefferson and Gallatin Rivers was taken by Melville Bell Grosvenor, president of the National Geographic Society. District Ranger Elt Davis of Yellowstone contributed three, including one of his wife Kay in their badly shaken kitchen at West Yellowstone.

STABLES OPENED

Opening of the stables at the Roosevelt Home on May 15, 1960, brought to the public the first new facility since the park commenced operations in 1946. For years after the opening of the area, heavy visitation and lack of funds and personnel made it necessary to restrict visitors to the home and to the grounds adjacent to the gravesite.

At a brief ceremony on May 15, John Roosevelt, youngest son of the former President, and an enthusiastic horseman, delivered a brief speech on the significance and place of the Roosevelt horses at the Hyde Park estate. Following his address, his mother, Mrs. Eleanor Roosevelt, after brief remarks, cut the ribbons and officially opened the new exhibit.

VICKSBURG CENTENNIAL

The Vicksburg Civil War Centennial Commission is starting the observance of the centennial this year and hope to have appropriate ceremonies during the next 5-year period.

Events in Vicksburg began May 7, with the 100th anniversary of the formal opening of the Warren County Court House, today a museum under the direction of the Vicksburg and Warren County Historical Society.

Other plans call for the re-enactment of the Balfour Ball originally held on Dec. 24, 1862, the night news was received that the Federal gunboats had arrived above Vicksburg. However, the re-enactment of the Ball will be held Dec. 24, 1960, to raise funds for the Commission.

Yellowstone

The Rev. Alan Line was wedded April 30 to Jean Wicoff in the First Presbyterian Church in Plainsboro, New Jersey. Mr. Line is the minister in Yellowstone and has such a following that all of the Youth Fellowship Group wanted to go to Jersey for his wedding! As it was, three did go — but with graduation near and grades of importance others had to stay behind. The young people washed windows, ironed shirts, waxed floors, washed cars and did other chores to get the money to go on this trip. It was a wonderful compliment to our young minister and both he and Jean were a bit awed by the devotion shown them.

The damage done to Old Faithful Inn by the August 17 earthquake has been repaired. The Engineers of the Yellowstone Park Company report that the dining room of the inn has been restored and the appearance of the room is unchanged. Actually the steel re-inforcements which were installed have made the building very safe and the change is not noticeable to the average layman.

ALL HELPING TO PREPARE FOR BATTLES' CENTENNIAL

Supt. O. F. Northington, Jr., and Park Historians Albert Dillahunty, and Ralph Happel are members of the City of Fredericksburg Civil War Centennial Committee. Frances L. Waller, clerk-stenographer, is chairman of the Spotsylvania County, Va., Civil War Centennial Committee and Weldon B. Land, administrative assistant, is a member of the Civil War drama group. The committees are busy planning activities and commemorations having to do with the major Civil War battles fought in this vicinity—Fredericksburg, Chancellorsville, Wilderness and Spotsylvania.

DeSoto Landing Anniversary Offers Colorful Ceremonies

More than 5,000 spectators were on hand Sunday afternoon, March 20, to witness the reenactment of Hernando De Soto's historic landing at De Soto National Memorial, Bradenton, Fla., 421 years ago. The



Hernando De Soto Lands (Photo by Bill and Bob)

colorful De Soto, elected each year by members of the Hernando De Soto Memorial Society, Inc., was portrayed by Mr. Frank P. Blount, Jr., a prominent Manatee County businessman. The event is staged and managed annually by the Civic organization, composed of about 200 business and professional men. Members have adopted the descriptive name of "Conquistadors." De Soto's identity remains a closely-guarded secret until the Spaniards stride ashore at the mouth of Manatee River.

Approximately 140 boats of various sizes and types surrounded the landing area for a view of the landing by De Soto and his band of Conquistadors, clad in bright doublets and flashing armor.

After the landing a short address was made by Secretary of the Interior Seaton, who said that $250,000 would be spent for improving the facilities at De Soto, including a new visitor center.

Supt. Hopper is a member of the Conquistadors and on the Landing Committee. The staff at De Soto prepares the setting each year for the pageant and makes other necessary arrangements.

Two rangers from Everglades - District Park Ranger Richard A. Stokes and Supervisory Park Ranger James A. Whitehouse assisted with the parking and handling of the crowd. Leonard Volz, Regional chief of visitor protection, gave a helping hand with the program.

Ned L. Haywood

NPS Regulations Are Rearranged

National Park Service regulations can now be consulted more efficiently than ever before.

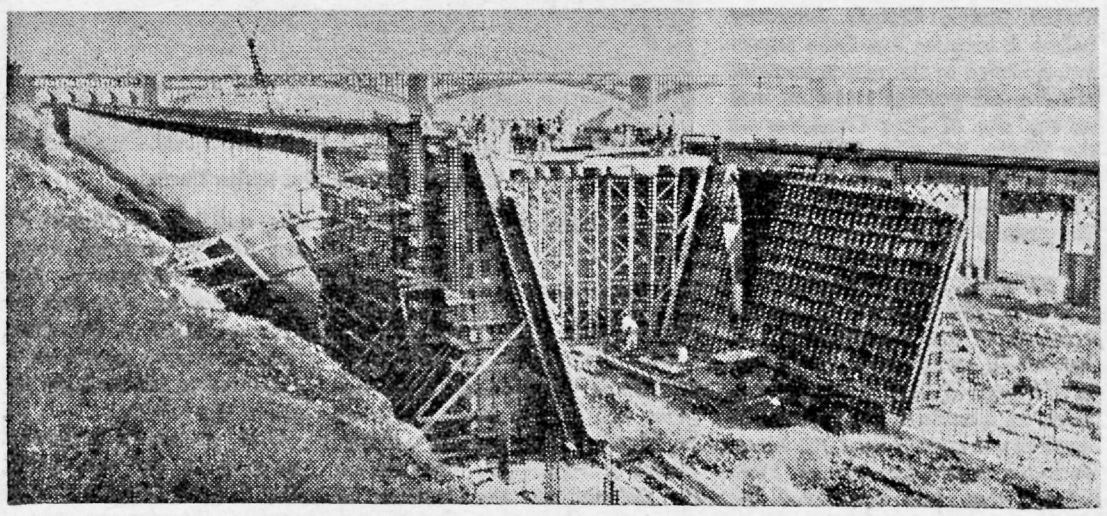
A revised Chapter 1, Title 36, of the Code of Federal Regulations, setting forth the rules which govern use of NPS-administered areas, was recently published in the **Federal Register** after more than a year's intensive review. A one-volume edition of the regulations, to which annual supplements will be added, will enable Service officials as well as the general public to consult the rules quickly and conveniently.

The revised regulations have also been arranged in a more orderly fashion than heretofore. Rules concerning fees which affect the general public have been consolidated in one part of the chapter; another innovation is the establishment of reasonable and safe regulations for boating.

Boudoir Shown At Vanderbilt

Beginning April 1, 1960, visitors to Vanderbilt Mansion were able for the first time to view Mrs. Frederick W. Vanderbilt's boudoir. Located adjacent to her bedroom, the room is richly decorated with inset oil-painted panels matching those in the bedroom, an elaborate Dresden chandelier and candelabras, and the original hand-embroidered silk draperies on the windows. The decor of the boudoir is identical to that of Mrs. Vanderbilt's bedroom. Both rooms reflect her admiration for the French style of interior decoration.

The opening of the boudoir will enhance the exhibit quality of Mrs. Vanderbilt's bedroom, which has been open to public view since 1941. The bedroom is a reproduction of a French queen's bedroom of the Louis XV period. Furniture is a reproduction by Sourmani.



JEFFERSON NATIONAL EXPANSION MEMORIAL—Workmen are placing forms for the south portal entrance of the tunnel through which railroad tracks will run along the riverfront. Tracks and trestle at right will be removed. (Robt. Arteaga photo)

Virginia Provides 3-Day Shenandoah Fish Licenses For Out-Of-Staters

It used to be that if you were an out-of-state tourist in Shenandoah National Park and wanted to fish for some of the Park's native brook trout, you'd pay $10.00 for the state license. Virginians paid $3.00. The bulk of Shenandoah travel is from nearby communities in D.C. and Maryland and the number of these folk who stayed long enough to get some good out of an annual license were few indeed.

Supt. R. Taylor Hoskins journeyed to the Capitol at Richmond and succeeded in getting through the legislature a bill to permit any visitor to fish for three days in the Park for $3.00. This ought to be very popular with campers and Lodge patrons who won't be around much over three days and who can have a lot of fun for $1.00 a day. What's more, they can get the license from the Park concessioner near the campground instead of traveling 30 miles to town for it.

This doesn't effect the Virginian who can still fish all season in the Park for $3.00 or the local resident who can use the Park's waters lying in his county for $1.00. It will please many out-of-state visitors whose passion it is to drop a line in any stream they come to on their vacation. The license will be available after July 1.

Integrated Community Will Be Constructed at Petrified Forest

Petrified Forest personnel, who have been waiting for new housing construction for twenty years, are now convinced that the day is at hand. It does seem certain that when the 1960 construction season ends we can write completion reports on a group of six residences, an apartment house, an administration building, and the complex of roads and utilities necessary to serve them. Fred Harvey, the concessioner, will erect a new building to house a lunch room, curio shop, and filling station. Future years will bring more housing, a trailer court, a utility area, an assembly hall, and even an elementary school.

Buildings simple and low

All of these structures will form an integrated community. The Service awarded a contract for the design of the community to the Los Angeles firm of Neutra & Alexander. Mr. Neutra is internationally famed as an architect and city planner. Under his plan, the buildings will be simple in design and have been kept low to the ground to blend into the landscape. As a group, they are designed as a large compound enclosing a series of smaller compounds and patios. This arrangement offers protection against the sand-laden desert winds and provides sheltered areas which offer an opportunity for landscape treatment. Concrete block will be used for construction throughout the community.

Near highway interchange

The community itself will adjoin the newly-completed interstate highway which crosses the Monument and an interchange will provide visitor access to the community. After the visitor's initial contact here he will be free to proceed along the rim drive which offers viewpoints of the Painted Desert and, re-crossing the interstate highway on a second overpass, to proceed next into the forests of petrified wood.

The current headquarters is located at Rainbow Forest, 22 miles south of the new site. A product of CCC days, this area no longer has adequate room for expansion.

J. F. Weiler

Wayside Exhibits Being Placed To Tell Natchez Trace Story

By William K. Kay

Historic houses, churches, ruins, Indian mounds, a ghost town, a Civil War battle, and a beaver dam are among the subjects of the 26 wayside exhibits to be built on the Natchez Trace Parkway. Four of these, at main entrances to the parkway, are to give visitors a general introduction to the history of the Natchez Trace and to visitor facilities.

Scope of exhibits

Five wayside exhibits have been erected. Three are of the introductory type: one at the intersection of the Parkway and U.S. 61 near Natchez, Miss.; one at Miss. 82 near Mathiston, Miss.; and one at Tenn. 64 between Waynesboro and Lawrenceburg, Tenn. Each of these devotes one panel to describing the parkway, one to the Old Trace in general, one to the specific location through which the parkway and Old Trace pass, and one to typical installations which the visitor may expect to see.

The other two exhibits, one at the historic house, Mount Locust, near Natchez, and one at a beaver dam south of Kosciusko, Miss., illustrate the historical and natural history aspects of the parkway, respectively.

Meets interpretation problem

The provision of a large number of wayside exhibits, supplementing interpretive signs and markers, is one solution to the greatest problem of parkway interpretation—caring for large numbers of visitors who seldom concentrate at one site sufficiently to justify an attendant.

To assist in telling the visitor the many parkway stories, Natchez Trace planners are considering supplementing the wayside exhibits with message repeaters.

Sequoia-Kings

Thunderous applause from employees of Sequoia and Kings Canyon interrupted Supt. John M. Davis when he was announcing the award of Meritorious Service for Lloyd L. Finch, who retired on December 31, 1959, from the position of foreman electrician. Lloyd completed more than 31 years with the National Park Service.

His contribution to the good of the Service went much beyond his job, for he was a skilled first-aid teacher and conducted many first-aid classes on his own time for employees and for people in the nearby community.

He and his wife Margaret are living at Shell Beach, Calif., where they have purchased a home.

Asst. Supt. and Mrs. George A. Walker have announced the engagement of their daughter Suellen to Ronald Ebel of Richmond, Calif. The wedding is scheduled for June 11 in the Community Church at Three Rivers.

It has been a pleasure to have Mr. and Mrs. Freeman Tilden staying at Ash Mountain, park headquarters, for 8 weeks this spring. Mr. Tilden is working on a book on State Parks and has made trips to visit one or two areas while in California. They left Sequoia April 25.

Members of Local 615, N.F.F.E., are busy raising money to purchase equipment to fix up some kind of a playground for the youngsters in the expanded residential area at Park Headquarters. The men have given bingo parties, assisted by the ladies serving supper, and have a good start toward their goal.

District Park Ranger William J. Briggle was selected as representative of the NPS at the International Sport and Vacation Show held at the Sports Arena in Los Angeles, March 11-20, 1960. Briggle, in full uniform, was a one-man information center and by actual count talked to 7,500 people who asked questions. Total estimated attendance at the show was 160,000 persons.

One of the most often asked questions was "How do you get to be a ranger?"

Eighty permanent employees of Sequoia and Kings Canyon attended the 9th Annual Management Improvement and Review Conference held in the employee recreation hall on April 20. This all-day meeting was packed with talks and discussions, all pointing out the necessity of good communication and cooperation between divisions in the Parks, and the importance of each employee in the organization.

The program was kept informal so employees felt free to ask questions and to add their own ideas as the discussions progresed.

HOT SPRINGS SETS FINE FIRE, SAFETY RECORDS

As of early May, when the report was sent in for publication, Hot Springs National Park had set two records to be proud of.

The park had not had a single lost-time accident in more than 3 years, the last having occurred on Feb. 15, 1957. Neither had it had a reportable fire for almost as long, the last having occurred on Sugarloaf Mountain on April 2, 1957.

According to Supt. Ray Gregg, Hot Springs has a very active safety committee, representing all types of workers; and supervisory personnel are made to feel their responsibility for safe practices on work carried on under their direction. The outstanding fire record, Gregg declares, is largely the result of cooperation by many individuals, - visitors, neighbors, and the park ranger staff.

Bobby Lawler, son of Maintenance Foreman Carl W. Lawler and Mrs. Lawler, a graduate of Georgia Tech this spring, on May 13 received the McGuire Medal for outstanding scholarship and performance as a senior. Col. W. R. Robertson, who notified Bobby's parents of the honor to be bestowed on their son, wrote, "I am sure you will share my deep sense of pride in you son's accomplishment, which has brought distinct honor not only to him but to the Air Force as well."

A section of the north entrance road to Yellowstone, in Montana, damaged by last summer's earthquake, is to be reconstructed under a contract let early in March. The work will cost $152,347.

Brine Is Threat At Mamonth Cave

The dumping of brine from oil wells into the tributaries of Green River has created a serious threat to the water resources and to the aquatic life at Mammoth Cave National Park.

Early in the summer of 1958 a feverish rush was on to tap a shallow oil field in Green County upstream from Mammoth Cave. Hundreds of wells were drilled with little thought to disposal of the waste brine. The operators, many new in the business, discharged the waste directly into the underground water supply through sinks, or into small streams.

Many fresh water wells were contaminated, and it was feared aquatic life of Green River might be affected. By November 1958 it was obvious that the waters of Mammoth Cave National Park, 80 miles downstream, were being contaminated. Not only was Green River being affected, but the waters in the cave were showing considerable pollution.

The Kentucky Water Pollution Control Commission is prosecuting the offenders but is hampered by lack of personnel, difficulties in initiating control procedures under present State laws, and the great number of small operators involved.

The extent of the damage is not known. Neither can it be determined how long contamination will continue even though the waste discharge has been reduced. The NPS and other Federal agencies are working closely with the Kentucky Commission on the problem.

An urgent call from Brownsville, Kentucky, on Feb. 23 sent the new Mammoth Cave fire truck and a 3-man Park Service team on a run to the blazing elementary school building, where they played a major role in keeping the fire confined to one building of the 3-unit school. The local Brownsville fire department was aided also by three other nearby fire departments.

Praised by appreciative Brownsville residents, the Mammoth Cave unit, manned by Assistant Chief Ranger Lamb, acting as crew chief, Park Ranger Stan Clark and Maintenanceman Jesse V. McCombs, placed the first substantial hose stream on the blaze and maintained an effective attack on the fire throughout. The blaze was under control within two hours.

Glenn C. Farrar, park engineer at Colonial, has accepted an appointment in the same capacity at Mammoth Cave. He was scheduled to enter on duty May 29.

Farrar began his work with the Service at Colonial in October 1957. He had served previously at Natchez Trace Parkway with headquarters at Tupelo, Miss., his home town.

Mesa Verde

Mrs. Jean McWhirt Pinkley, for nearly 17 years an employee of Mesa Verde National Park, was made Park Archeologist on March 6. Mrs. Pinkley started as a seasonal museum aid at the Park in 1939. She became Acting Park Archeologist in April 1959.

Dr. Olof Arrhenius, famous soil scientist of Stockholm, Sweden, visited Mesa Verde National Park in early April. He was accompanied by his wife, two of his sons, and a daughter-in-law.

Mrs. Arrhenius is the daughter of Gustave Nordenskiold, the first professional archeologist to excavate in Mesa Verde. She has many of her father's original notes made during his stay in the area in 1891. The family is interested in donating the notes to the Mesa Verde Museum, and such items of Nordenskiold's collection of modern Indian arts and crafts as may be of value to the Park.

Dr. Arrhenius was greatly interested in the excavation work now being carried on by the Wetherill Mesa Archeological Project, and in carrying out soil analysis studies for the Project. He collected a number of soil samples which he will analyze upon his return to Sweden. — Dorothy E. Wilson

Clarence E. Scoyen, cash accounting clerk at Yellowstone and brother of Associate Director Eivind Scoyen, celebrated his 65th birthday on March 4, and his fellow employees honored him with a party.

Both Clarence and Eivind were born on Capitol Hill in Yellowstone. For many years Clarence has been employed in Yellowstone's fiscal office. He and his wife, Linnea, now live in Gardiner, Montana.

Evelyn Hill

Incorporated

AWARDS LIST

Park Ranger Donald A. Dayton, Glacier, received the Department's Valor Award on April 11 "for courageous action involving a high degree of personal risk in the face of danger."

On June 18, 1959, Dayton received word that a concessioner employee was being attacked by a grizzly. Going promptly to his rescue, Dayton put three rifle shots into the animal, disabling it so that it rolled down slope away from the injured man. Thereafter he improvised a stretcher and directed rescue operations. Thanks to his prompt, courageous and skilled action, the victim, though badly injured, is alive and will recover completely. Dayton's action was described in a recent article in the **Saturday Evening Post.**

Distinguished Service Award

George W. Harding, chief, Division of Maintenance, NCP - April 11, 1960. **Merrill J. Mattes,** regional historian, Region Two - Nov. 12, 1959. **Daniel J. Tobin,** regional director, Region Five (retired) - April 11, 1960.

Meritorious Service Award

David H. Canfield, Region Three chief of operations (retired). **Harvey H. Cornell,** supervising landscape architect, EODC (retired). **Emil F. Ernst,** Region Four chief of lands (retired). **Paul R. Franke,** superintendent, Zion (retired). **Lloyd L. Finch,** foreman electrician, Sequoia-Kings Canyon (retired). **Homer B. Hoyt,** supervisory park ranger, Yosemite (retired). **Henry Langley,** chief, Branch of Programs, WASO (retired).

Special Act Award

A. Sidney Malbon, park landscape architect, Olympic - $150. **James P. McNulty,** audio-visual equipment specialist, Branch of Natural History, WASO - $150.

Special Service Award

James W. Godbolt, chief ranger, Badlands - $200. For performance as acting superintendent, Badlands, for 6 months following the death of Supt. Sholly. (Godbolt is now ranger-in-charge, Hudson Bay District, Glacier)

Superior Performance Award

James A. Burnett, illustrator, Park Practice, Branch of State Cooperation - $250. **Burton V. Coale,** publications editor, Region II office - $250. **Esther A. Dezendorf,** WODC - $150. **Adeline Donnelly,** WODC - $150. **Franz Drucker,** WODC - $250. **William W. Dunmire,** Hawaii - $200. **Helen Fletcher,** WODC $150. **Eugene L. Forbes,** Fort Vancouver - $200. **Isabel M. Franconeri,** Region V Office - $200. **Barbara E. Gray,** WODC - $200. **Thomas J. Harrison,** Petersburg - $250. **Thomas Hurley,** WODC - $200. **Shunpei T. Ito,** supv. fiscal acctg. clerk, Hawaii - $100. **John M. Kauffmann,** park specialist, Branch of National Park System Planning, WASO - $400. **Frank F. Kowski,** supervisor, NPS Training Center, Yosemite - $300. **Robert N. McIntyre,** training specialist, NPS Training Center, Yosemite (Now chief park naturalist, Yellowstone) - $200. **Eugene L. Mott,** WODC - $200. **Dan S. Nelson,** fire control officer, Yosemite - $200. **Noah Nelson,** JNEM - $150. **Morris** R. Nogle, shop foreman, Catoctin Mt. Park, NCP - $200. **Edward W. Otake,** WODC - $150. **E. Winton Perkins,** chief, Great Lakes Shore Study, Region V (Now WASO) - $400. **John A. Ronscavage,** WODC - $150. **Mecislavas Rumbaitis,** WODC - $200. **Alfa Stoken,** WODC - $150. **Robert M. Utley,** Region III Office - $150. **Lewis Whitman,** JNEM - $100.

Thirty-year pins

Manley W. Allen, WASO; **Helen C. Bomgardner,** WASO; **Treva E. Burd,** WASO; **Richard Crack,** NCP (U. S. Park Police); **William A. Dennin,** NCP; **Carl J. Nelson, Evereet O'Brien,** NCP; **Abbie Rowe,** NCP; **Cecil R. W. Smith,** WASO; **David J. Walsh,** NCP.

Suggestion awards - $100 or more.

John J. Boley, Division of Adminstration, NCP - $200; **Francis L. Day,** foreman gardener, NCP - $200; **Joseph F. Garrett,** foreman, plumbing shop, NCP - $100; **Francis S. Proctor,** foreman, Division of Maintenance, NCP - $150.

EODC

From February 23 to 25, inclusive, the Eastern Office of Design and Construction held its first Project Supervisors Conference since the office was established in 1954. Numerous members of EODC's staff are stationed in various park areas east of the Mississippi; and virtually all of these were in attendance, as well as many of the Philadelphia Office people.

Up to the date of the conference EODC had been responsible for the design and construction of 1462 projects totaling $81,500,000. Individual projects have run from about $1,800 to about $2,250,000; they have ranged from drilling a well for supplying water to a small picnic area through any number of visitor centers of various sizes to a passenger-and-cargo carrying vessel, the Ranger III.

Architects Don Benson and Fred Gjessing, Mechanical Engineer John Loveland and Landscape Architects Bob Hope and Ed Clancy have recently passed cigars and candy for new little girls and Landscape Architect Don Tarter for a boy.

Tom Iannarelli, position classifier in EODC's personnel office, has been in the Philadelphia Veterans Administration Hospital with ulcer trouble. Latest word is that he is recuperating and we expect him back in the office before too long.

Architect Charles E. Peterson gave a talk at the Philadelphia Museum of Art on March 20 on the early architecture of the Caribbean, illustrated with kodachromes taken over the last ten years on islands ranging from Eleuthera to Curacao.

Ian McCallum, director of the American Museum in Britain came to Philadelphia on March 12 and visited the EODC office, to get an idea of the Historic American Buildings Survey. This new institution, located in a country home, Claverton Manor, near Bath, intends to give its visitors "a clear and comprehensive picture of the background to American domestic life" in the 17th to the 19th centuries. He discussed with Charles E. Peterson the possibilities of diplaying HABS material at Bath.

BURSLEY BACK IN HARNESS

The March issue of the **Courier** noted the retirement of Allyn P. (Steamer) Bursley. Among the personnel actions reported in Region One staff minutes for April 20 was the appointment of Bursley as regional chief of the Division of Recreation Resource Planning - which did not mean that Steamer was tired of retirement.

The position had been vacant since the sudden death in February of Arthur Perkins, Bursley's successor. Neal Butterfield, chief of the Columbia River Recreation Survey Branch, headquartered in Portland, Ore., has been chosen to fill the position but couldn't report to his new station immediately. So Steamer consented to don the harness until Butterfield's arrival.

Ice Breaks Down Trees by 1000's

As if the extensive winter damage at Chickamauga Battlefield were not enough, Lookout Mountain, Tenn., was visited by an exceptionally destructive ice storm on March 2. As falling rain struck the trees on the mountain, it froze, gradually building up to a great weight that, in the hours that followed, tore apart literally thousands of trees. Though the lower valley reaches were unaffected, damage in the mountain towns of Lookout Mountain and Signal Mountain alone reached almost 3 million dollars. The two towns were paralyzed for more than a week.

Though much other property was damaged, including buildings, telephone and power lines, the greatest sufferer was the forest. At 13-acre Point Park, hardly a tree was undamaged, and a journey to any part of it was an obstacle course of ice, broken branches, and fallen trees. Not only Point Park but every visitor-use area on Lookout Mountain, Signal Mountain and Missionary Ridge felt the destructive force of the storm.

To meet the emergency, the park got $14,000 for cleanup, and Barney Kolb's NPS tree crew worked through April and well into May, saving whatever trees could be saved.

Region Two Office

When the question, "What's New in Interpretation?," is asked in the Region Two Office, the almost unanimous answer is Miss Sally Johnson. Sally, a petite brunette, was museum curator for the Nebraska State Historical Society for nearly 9 years. She has been employed to assist with the furnishings project at Fort Laramie.

Regional Director Baker presented Duane D. "Jake" Jacobs, Region Two chief of visitor protection, with a 30-year pin at the staff meeting of April 19, 1960. John F. Aiton, regional chief of lands, received his on May 3.

When Supt. Harthon "Spud" Bill of Grand Teton visited the Region Two Office in late April, he brought along a new and very good 16-mm. color film on parks in the West. It's put out by Carter Oil and has almost no advertising.

The staff of the Region Two Division of Interpretation gathered on Tuesday evening, May 3, at Ed Alberts' home for cocktails and then proceeded on to Gorats in Omaha for a steak dinner. Purpose of the get-together was to welcome Evelyn and Ed Beatty to the Omaha office.

Our sympathy goes to Avis Collins in Budget, who found that someone had removed the drive shaft of her car when she prepared to drive it to work one Monday morning.

George R. Stewart, author of **Ordeal by Hunger** and a number of other noted books, has just completed a microscopically detailed study of the climactic last day of the Battle of Gettysburg, entitled **Pickett's Charge;** it is published by Houghton, Mifflin Co., and is subtitled "A Microhistory of the Final Attack at Gettysburg, July 3, 1863.' In his acknowledgments Mr. Stewart mentions his particular debt to Park Historians Frederick Tilberg and Harry Pfanz and cites the Gettysburg park library as a valuable source.

Franklin D. Roosevelt Memory Honored in Brief Ceremonies

The annual memorial service was held at the gravesite in the rose garden at the Home of Franklin D. Roosevelt National Historic Site at 11:00 a.m. on April 12, 1960. About 200 friends and associates of the former President gathered there to pay tribute to his memory on the 15th anniversary of his death.

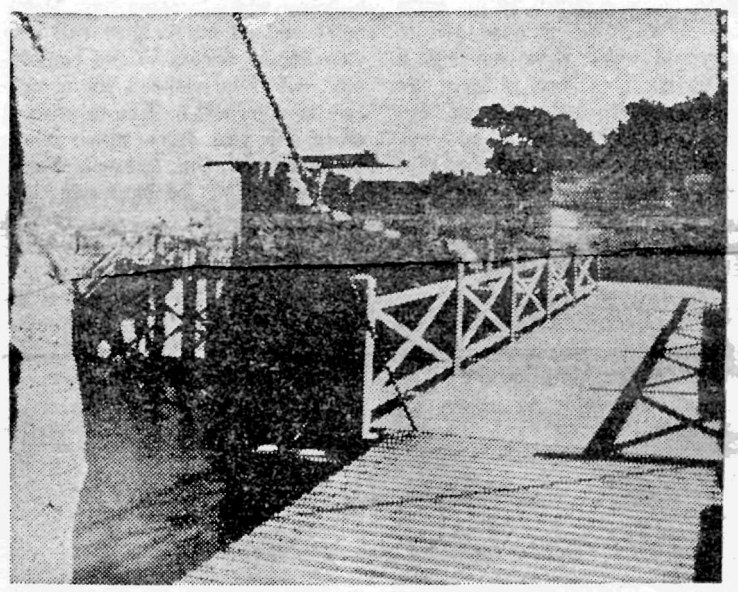
A short time before 11:00 a.m. Mrs. Eleanor Roosevelt placed red and white carnations with evergreens on the grave. Many other floral pieces were placed there by friends and organizations. Among them were former Secretary of the Treasury, Henry Morgenthau, Jr.; W. Averill Harriman, Mr. Roosevelt's Ambassador to Soviet Russia and former Governor of New York, who placed a wreath for the Roosevelt Foundation; Arthur Smith, local postmaster, who placed a wreath for the Roosevelt Home Club; and Mr. Elmer La Pointe, who placed the wreath that was sent by the Liberal Party. Other wreaths were placed on the grave by personal friends of the Roosevelt family.

The Rev. Gordon L. Kidd, Rector of St. James Episcopal Church, offered the benediction and prayer.

After the ceremony, Mr. Harriman announced to the press that the Roosevelt Foundation is sponsoring a series of lectures and seminars at Harvard University dealing with several programs and developments inaugurated by Mr. Roosevelt while he was President. It was the Roosevelt Foundation that sponsored and financed the construction of the Franklin D. Roosevelt Library, located on the estate of the former President, for the housing of his literature, letters, speeches, and other items of interest that accumulated during his administration.—Roxie E. Atkinson.

Tour Leader Lester Oakman of Roosevelt-Vanderbilt National Historic Sites has been confined to the Veterans Hospital at Mountain Home, Tenn., since early in February. For some time, Les had complained of a foot ailment that seemed to be aggravated by the performance of his duties as a tour leader. Therapy treatment is being administered and Les is expected to return to work soon.

Charles L. Milroy, tour leader supervisor at Roosevelt - Vanderbilt National Historic Sites, has suffered a slight stroke. He is confined to his home at Rhinecliff, N. Y. but is recovering and was expecting to return to duty in late May. He will reach the compulsory retirement age in December 1960.



CASTILLO BRIDGES RESTORED

Final work on the Castillo fixed bridges and drawbridges was completed on April 15. This unusual job called for considerable study of designs of the 1760 period, much archeological work to determine location and sizes of the structures, and much talent and craftsmanship in drawing the plans and working the heavy timber and wrought iron.

To proceed with the construction it was necessary to determine and then to restore the Spanish colonial elevations of the bridge approaches and sally port and guardroom floors. This in turn required the revision and authentic replacement of three heavy doors and frames.

The visitor to the Castillo now sees the entrance features much as they were in 1760. Little is left to the imagination when it comes to understanding how two types of drawbridges work, one an overhead counterweight and the other an underground counterweight type. — C.R.V.

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