

PARK SERVICE BULLETIN



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THE COVER

Mission San Jose de Tumacacori
(Photo by George Grant)

UNITED STATES DEPARTMENT OF THE INTERIOR
National Park Service - Washington

Arno B. Cammerer
Director

Isabelle F. Story
Editor-In-Chief

Mary C. Ryan, Bulletin Editor



PARK SERVICE BULLETIN

Vol. X

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No. 1

OLYMPIC NATIONAL PARK ENLARGED

Under authority vested in him by Congress, President Roosevelt on January 2 signed a proclamation extending the boundaries of Olympic National Park by adding 187,411 acres. This national park, established in 1938, now contains 835,411 acres.

Included in the recent addition are the famous "rain forests" of the Bogachiel, Hoh, Queets, and Quinalt River valleys on the west side of the park, with the fine stands of Douglas fir, Sitka spruce, western red cedar, and western hemlock characterizing these valleys; the great Elwha River valley on the north; and Hurricane Hill, Obstruction Point, and Deer Park, as well as the "Seattle Skyline" of high peaks, on the east. The park boundary has been carried down two rivers, the Dosewallips and North Fork of the Skokomish on the east and southeast, respectively. The extension also places the north shore of Lake Quinalt in the park and protects the mountain slopes north and west of Lake Crescent.

ALVIN J. WIRTZ APPOINTED UNDER SECRETARY OF THE INTERIOR

Appointment by President Roosevelt of Alvin J. Wirtz, Texas attorney, as Under Secretary of the Interior, was

announced by Secretary of the Interior Harold L. Ickes on January 2.

Mr. Wirtz, who succeeds Harry Slattery, now Administrator of the Rural Electrification Administration, was educated in his home State, receiving an LL.B. from the University of Texas in 1910. During his legal career he specialized in Texas irrigation, reclamation, and water projects. The four large flood control power dams now rising on the Colorado River near Austin are largely the result of his persistent efforts in pushing conservation legislation. He has also had extensive legal practice in oil matters, representing several Texas oil companies. From 1922 to 1930 he was a member of the Texas Senate.

The following offices and functions of the Department have been assigned to Under Secretary Wirtz: National Park Service, Bureau of Reclamation, Bonneville Project, Bureau of Biological Survey, Bureau of Fisheries, Grazing Service, Bituminous Coal Division, and U. S. Board on Geographical Names. Assistant Secretary Oscar L. Chapman has supervision over the General Land Office, Geological Survey, Bureau of Mines, Bureau of Indian Affairs, Petroleum Conservation Division, Division of Territories and Island Possessions, and Eleemosynary Institutions.

NOTE: By direction of the Secretary of the Interior the matter contained herein is published as administrative information and is required for the proper transaction of public business. NOT FOR PUBLICATION

FORMER CONGRESSMAN BEITER APPOINTED TO INTERIOR DEPARTMENT POST

Appointment of Alfred Beiter, former New York Congressman, as an Assistant to the Secretary of the Interior was announced late in January. Mr. Beiter's position is one of two assistantships which have been vacant for some time.

SANTA TERESA NATIONAL PARK ESTABLISHED BY URUGUAYAN PARLIAMENT

According to a recent decree of the Senate and Chamber of Representatives of the Republic of Uruguay, there has been created in that country a "National Park Reservation of Santa Teresa" in the Department of Rocha "for the conservation of the national flora and fauna in all its characteristics."

Included in the national park is the Negra lagoon, the islands of La Coronilla, the present park which surrounds the Fortaleza de Santa Teresa, and the fiscal lands in the canal of Los Indios. As some of the lands within the park boundaries are privately owned, an Honorary Financial Commission has been designated to take care of all matters relating to the selection of tracts to be acquired and the financing of such acquisitions.

CHRISTMAS IN THE NATIONAL PARKS

Residents of park communities, from Acadia in Maine to Mount McKinley in Alaska, participated in special events held during the Christmas season.

At Grand Canyon National Park a "Bringing In The Yule Log" ceremony featured the festivities. Carolers,

"pioneers", "woodsmen", and Indians were in the procession, singing and carrying lighted pine cones. Standing room was at a premium as Santa Claus distributed candy, nuts, and fruits in the Community Building.

No celebration was more novel than that at Carlsbad Caverns, where a decorated tree was installed in the Big Room. Although 750 feet below the earth, the tree was three times as high above sea level as it would have been if placed atop the Empire State Building.

General Grant had its fifteenth Annual Nation's Christmas Tree Ceremony, with carols, speeches, and flag-raising beneath the 267-foot General Grant Tree. At Yellowstone, the Women's Club presented two programs, along with a special children's program and the distribution of gifts.

Humorous verses, accompanied by gifts and refreshments, keynoted the activities at Acadia, while Morrystown National Historical Park combined dancing, games, carols, and Santa Claus' antics in its well-rounded program. Many came to hear the special Christmas Eve services that were broadcast from Hot Springs National Park, and in McKinley practically the entire community turned out for the Christmas dinner in the Rangers' Dormitory.

WILDLIFE CONFERENCE TO BE HELD IN WASHINGTON

Officials of the American Wildlife Institute and the National Wildlife Federation announce the holding of the Fifth Annual North American Wildlife Conference in Washington, D. C., on March 18-20, inclusive. The organizations will also cooperate in

sponsoring the third National Wildlife Restoration Week, which will be observed throughout the country March 17-23.

CALIFORNIANS TO OBSERVE "CONSERVATION WEEK"

From March 7-14 residents of California will join in celebrating "Conservation Week." Sponsored by the California Conservation Council, the observance is designed to promote education and effort in conservation.

J. L. Bossemeyer, Supervisor of the San Francisco Office, United States Travel Bureau, is serving as Secretary of the Conservation Week Committee.

SERVICE OFFICIALS SHIFTED

In furtherance of Secretary Ickes' policy of transferring Service officials from the Washington Office to the field, and vice versa, personnel assignments have been made, to be effective for one year, whereby Fred T. Johnston, Assistant Supervisor of Recreation and Land Planning, Washington Office, and Herbert Evison, Associate Director, Region I, trade positions. A similar trade in positions has been effected between Dr. Francis S. Ronalds, Chief of the Historic Sites Division, Branch of Historic Sites, Washington Office, and Herbert Kahler, Coordinating Superintendent of historical areas in North-eastern States.

SUPERINTENDENT ROGERS MADE TEMPORARY HEAD OF NATIONAL CAPITAL PARKS

Superintendent Edmund B. Rogers of Yellowstone has been detailed to Washington to serve as Acting Superintendent of National Capital Parks.

This detail probably will last until early spring by which time it is expected that the Civil Service Commission will have held the examination for the position of Superintendent of National Capital Parks, requested by Secretary Ickes, and will have established a register of eligibles for that position.

During Superintendent Rogers' absence from Yellowstone National Park John W. Emmert is serving as Acting Superintendent.

CHIEF EXECUTIVE PROCLAIMS 1940 "TRAVEL AMERICA YEAR"

President Roosevelt by Proclamation of January 13 designated 1940 as "Travel America Year." "It is important," the President pointed out in his Proclamation "that we in the Americas further consolidate our unity by a better knowledge of our own and each other's countries through the instrumentality of travel." He also invited our own citizens and friends of other lands "to join in a great travel movement, so that our peoples may be drawn even more closely together in sympathy and understanding."

Shortly after issuance of the Proclamation, leaders of the travel industry, at the invitation of Secretary Ickes, met in Washington to lay plans for encouraging travel in the Americas. W. Bruce Macnamee, Chief of the United States Travel Bureau and Harry Somerville of the American Hotel Association presided at the session. Governor Cramer of the Virgin Islands, Governor Leahy of Puerto Rico, Governor Gruening of Alaska, and Associate Director Demaray of the Service, were among those present.

ENGINEERING PUBLICATION IS POPULAR

Low Dams, prepared by the subcommittee on Small Water Storage Projects of the Water Resources Committee, on which Senior Engineer Preece represented the National Park Service, appears to be approaching the "best seller" class. In addition to the more than 2,000 copies purchased for distribution by the cooperating agencies, approximately 2,500 copies have been sold by the Government Printing Office. The book is now in its third printing, and there are orders on hand for more than 300 copies. Some time ago the Mexican Government requested and received permission to translate the book into Spanish.

Oliver G. Taylor, Chief of Engineering, in reporting on the fine reception accorded the book stated: "Because of the contribution of this Service, particularly in the design of earth dams and general soil mechanics, much of which was based on original work in our Engineering Lab-

oratory, we can find considerable satisfaction in the manner in which the book has been received, particularly among engineers in private practice."

AUGMENTING OF DOMESTIC WATER SUPPLY AT GRAND CANYON STUDIED

Grand Canyon National Park officials, worried over its present inadequate domestic water supply, are studying the possibilities of tapping sources across the river. Acting Superintendent Bryant recently investigated the possibility of utilizing large springs at the head of Phantom Creek in a scheme to siphon water across the inner gorge of the Canyon to Indian Gardens, the present source of supply.

The Atchison, Topeka and Santa Fe Railroad are talking of augmenting storage facilities by the building of a 3,000,000 gallon storage reservoir to prevent danger of a water shortage.



BIGHORN ALONG THE HIGHWAY IN MOUNT MCKINLEY NATIONAL PARK. ACCORDING TO THE LATEST WILDLIFE CENSUS FIGURES THERE ARE APPROXIMATELY 2,000 OF THESE LARGE MAMMALS IN THE PARK.

RADIO COMMENTATOR DESCRIBES WORK OF WESTERN MUSEUM LABORATORIES

John B. Hughes, Mutual Network radio commentator, in a recent program outlined the activities of the Service's Western Museum Laboratories. Portion of his talk is quoted: "In Emeryville, California, a town wedged between Oakland and Berkeley on the East side of San Francisco Bay, in a former industrial plant, nearly two hundred craftsmen and artists are doing an exceptionally fine creative work. It is the Western Museum Laboratories of the National Park Service.

"In these shops have been made complete museum exhibits for more than twenty National Parks and Monuments, and some sort of display work or educational art production has been turned out for almost all the twenty-one parks and sixty-one monuments West of the Mississippi River.

"For one, the mounting of a photographic exhibit. For another, the preparation of lantern slides for illustrated lectures by the Park Naturalist. For still another, a series of extraordinarily realistic dioramas describing the discovery, the history, the ethnologic and geologic stories of the area. For some parks they have made display cases for fossil specimens, for others traps to capture native small mammals. The laboratories also repair and preserve historic records and crumbling relics.

"A trip through these shops and studios is a fascinating tour of the Western national parks and could be, if one had the time, a complete course of study in the progress of the land and peoples of the West. For to re-

produce the modelled terrain, and agriculture, the human and animal life, and cultures of the region, it has been necessary to search a vast amount of source material and to accumulate a tremendous stock of visual evidence."

EL MORRO RESIDENTS EXPRESS THANKS FOR LIBRARY GIFT

When the 500 books and magazines sent as a Christmas gift to the little library at El Morro National Monument reached their destination Librarian Betty Budlong wrote Director Cammerer: "I was so overcome with the sight of so many volumes and magazines that I'm still not quite my normal self! You simply can't imagine what this generous can't imagine what this generous thought on your part will mean to the people of El Morro and those for many miles around. Already lots and lots of these books have started on their way to relieve the monotony of long winter evenings and the joy they will bring can scarcely be measured. Seventy-five books went out to-day to a little community 40 miles away, almost more isolated than this one, and I wouldn't have been able to part with that many books all at once had it not been for the arrival of the Christmas gift from you and the members of the office. Please believe that I am more appreciative than I can ever tell you and everyone who has heard about the 'Park Service donation' feels just the same way."

In another letter to Miss Story, Editor-in-Chief, Mrs. Budlong stated: "Every one of the books and the magazines will be read and read for many years to come by many, many people and those persons whom I've seen since the arrival of this box and have told how generous our NPS Washington Office

is have been quite as overcome as I am and so loud in their expressions of appreciation. In short, the P. S. is pretty well 'tops' in this neck of the woods!"

In addition to the foregoing letters, Mrs. Budlong forwarded to Director Cammerer a message, signed by 101 residents of El Morro and nearby communities, reading as follows: "To the members of the Washington Office of the National Park Service who were so generous in their contributions to the El Morro Public Library, the community of El Morro, New Mexico, extends its sincere thanks and appreciation and all good wishes for a very Happy New Year."

INFORMATION CIRCULARS BEING PRINTED BY DENVER FIRM

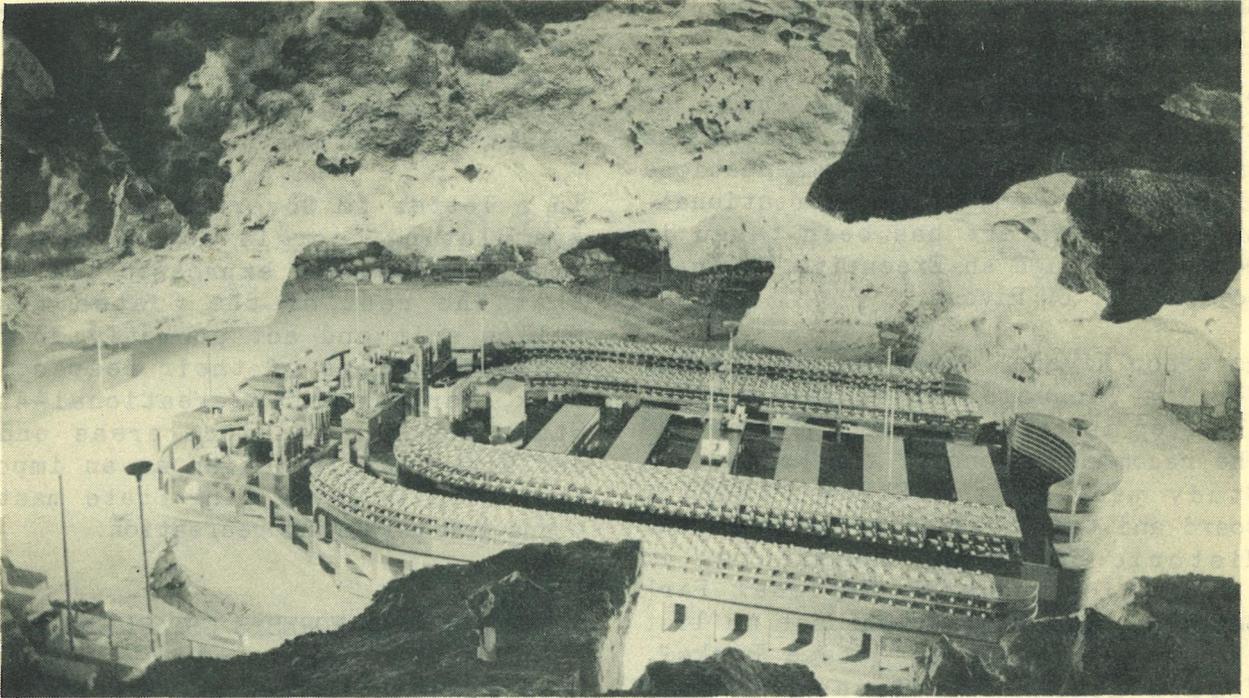
Contracts for printing circulars of general information for those parks west of the Mississippi were awarded in December to the W. H. Kistler Stationery Co., of Denver, Colo. This is the first time printing has been done in the field, and results thus far are proving satisfactory. In comparison with work of the Government Printing Office, the cost is about half and the amount of time required for printing much less than half. The Death Valley circular has been delivered and shows the quality of work unusually good.

Under the terms of the contracts, after a thousand copies of a booklet have been delivered to the Director for emergency use, two-thirds will be sent to the individual park covered and one-third to the regional office concerned. Since the Superintendent of Documents distributes only publications printed by the Government Printing Office, and since there is no storage space available in the Washington Office, distribution of the circulars will be made from the parks and the regional offices. To lighten the burden in the field as much as possible, labels will be prepared in the Washington Office for requests received there and forwarded each day to the respective offices. It is hoped this arrangement will work out satisfactorily, and that there will be no undue delay in distribution.

NEWS ITEMS WANTED FOR PARK SERVICE BULLETIN

Again it is requested that Service personnel send in news of happenings for publication in the *Park Service Bulletin*. At present much of the information published therein, particularly that relating to personnel, is gleaned from the monthly reports of field officers, and as a result it is old news by the time the *Bulletin* is off the press.

The third in the series of No-Host-Bridge-Luncheons inaugurated by the Park Service wives is scheduled for 12:30 p.m., Wednesday, February 21, at Tilden Gardens, Washington, D. C. Those planning to attend should telephone either Mrs. O. G. Taylor (Wisconsin 4315) or Mrs. Conrad L. Wirth (Emerson 2534) by February 19. These affairs are not just for Park Service wives -- all feminine Service employees are invited.



NEW STREAMLINED SERVING COUNTERS IN UNDERGROUND LUNCHROOM, CARLSBAD CAVERNS NATIONAL PARK. SEVEN HUNDRED PERSONS HAVE BEEN SERVED AT THESE COUNTERS IN 15 MINUTES. (KENNICOTT PHOTO)

PRESIDENT FAVORS EXTENSION OF FEE SYSTEM

"I have always believed that many facilities made available to our citizens by the Government should be paid for, at least in part, by those who use them," President Roosevelt stated in his recent Budget Message to the Congress. He continued: "For example, I believe that in the case of parks, national forests, historic monuments, and so forth, small fees, as low as 5 or 10 cents per person, should be charged to those who enjoy them. A start on this policy has been made. In such a way a substantial part of the annual cost of maintenance of roads, trails, and grounds in forests and parks will come

back to the Treasury and reduce the annual cost of government. Another example is the \$50,000,000 the Government spends annually in the maintenance of dredged channels, buoys, lighthouses, lifesaving stations, and so forth. It would seem reasonable that some portion of these annual expenditures should come back in the form of small fees from the users of our lakes, channels, harbors, and coasts. If the Congress would make a special study of the further possibilities along these lines I will be glad to make available for such a study material from various departments."

GEORGIA ACTS ON RECOMMENDATIONS OF RECREATIONAL-AREA STUDY REPORT

The first action by any State to classify parks and recreational areas in accordance with the recommendations of its Park, Parkway and Recreational-Area Study report has been taken in Georgia through an Executive Order by Governor E. D. Rivers.

Governor Rivers' Order is significant for its language, which states that the step is taken "in compliance with" the recommendations of the Recreation Study made by the State Planning Board and the Division of State Parks, Historic Sites and Monuments, in cooperation with the National Park Service. Classifications set up list the State's areas as "State Parks", "State Recreation Areas", "State Memorial Parks" and "Natural Resource Reservations."

"No further areas are to be acquired, administered, or developed as State Parks," says the Governor's order, "without the designation of the area as such by the Commissioner of the Department of Natural Resources, the Director of the Division of State Parks, the Chairman of the State Planning Board, the Director of the State Board of Health, and the Governor. Joint written concurrence of all five listed is required to designate an area as a State Park, which is hereby defined as an area selected because of its outstanding scenic, scientific or educational recreational value, suitable for the use and benefit of the people of the State as a whole, such areas to be located throughout the State in the principal physiographic divisions, to be developed as vacation or day use areas for the citizens of the State,

insofar as such development is compatible with the primary aim of protection and conservation of the scenic, scientific and aesthetic values of the State."

In a letter to Governor Rivers congratulating Georgia on its action, Director Cammerer expressed the hope that the rest of the States would follow suit and act promptly on the recommendations of their respective Park, Parkway and Recreational-Area Study reports to place areas under definite classification as an important step in developing State master plans for parks and recreation.

THREE NATIONAL FORESTS ESTABLISHED

With the establishment by Presidential Proclamation of three new national forests within the past few months -- the Mark Twain and Clark in Missouri and the Shawnee in Illinois -- the number of such areas was increased to 161. The total authorized area of these forests is about four million acres, about one-third of which has already been acquired.

NEW SCHOOLHOUSE AT GRAND CANYON DEDICATED

With appropriate ceremonies a fine new elementary schoolhouse at Grand Canyon National Park was dedicated the evening of December 8. This structure, made possible through a Public Works allotment of \$29,900, is of field stone, surmounted with a superstructure of wood and an asbestos shingle roof. It has three large classrooms, an auditorium seating 150, a woodworking room, teacher's office, kitchen, and rest rooms. At the rear of the structure there is a large recreation field.

RANGER CONFERENCE HELD IN SEQUOIA NATIONAL PARK

Members of the permanent ranger force at Sequoia National Park, as well as the park naturalist, met at Park Headquarters December 6, 7, and 8 to review the past season's activities and make recommendations for improvements.

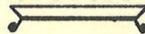
Superintendent Scoyen opened the meeting, pointing out the need for a strong, well-organized and well-trained force in order that the ideals of the Service can be made effective. He and Assistant Superintendent Tobin attended most of the sessions, giving valuable advice and assistance.

Considerable time was devoted to the discussion of park regulations and the revision thereof. General park problems were also discussed at length, resulting in an exchange of ideas making for better and more uniform administration and better understanding between members of the

ranger staff, as well as other park departments.

ROMANCE AND SOCIOLOGICAL DEVELOPMENT STIMULATED BY NATURALIST-CONDUCTED FIELD TRIPS

"Road to Romance" might be a good heading for notices of naturalist-conducted trips. Park Naturalist McHenry of National Capital Parks says in one of his monthly reports "a number of romances have developed." Another sociological development reported by Park Naturalist McHenry is an episode that took place after a geological tour to a run-down neighborhood in Georgetown several years ago. One of the members of the party, a woman of refinement and culture, was intrigued by the location of this section and renovated an old home there, planting a small garden in front and back. Since that time other higher-income families have moved to the neighborhood and it is fast losing its slum-like appearance.



FACTS CONCERNING THE RECENT TRANSFER OF THE WILDLIFE DIVISION

Acting on instructions from the Secretary, there has been effected a division and transfer of the Service's Wildlife Division to the Bureau of Biological Survey and to the Bureau of Fisheries. Transfer of the Washington Wildlife Division personnel, the four Regional Wildlife Technicians, and the Field Naturalist was approved by the Secretary on December 4, and the transfer of David H. Madsen, Supervisor of Fish Resources on December 19.

The Wildlife Division is now established as the Section on National Park Wildlife, Division of Wildlife Research, Bureau of Biological Survey. Believing that the objective of restoring and perpetuating the original fauna and its environment requires and is worthy of extraordinary measures, the Director of the National Park Service and the Chief of the Biological Survey agreed on November 24 to the continuance of the established park policy of wildlife management.

Dr. W. B. Bell, head of the Division of Wildlife Research, is responsible for administration, direction, and supervision of the new Section. The work program of the Section will be based on the needs of the National Park Service and directed by the head of the Section, Victor H. Cahalane, in accordance with plans developed in consultation with National Park Service officials. The detailed coordination of the work of the Section and its integration with the general work programs of the National Park Service continues to be the responsibility of the Supervisor of the Branch of Research and Information, National Park Service. The broad program of the Section will be approved by the Chief of the Biological Survey and by the Director of the National Park Service.

On December 11, the Director of the National Park Service and the Acting Commissioner, Bureau of Fisheries, agreed that David H. Madsen, Supervisor of Fish Resources, should be transferred to the Bureau of Fisheries with the understanding that, after the transfer, he would be reassigned to his present duties in the National Park Service. As in the case of the wildlife policy, the existing fish cultural policy was agreed to by both Bureau heads involved. A memorandum of understanding between the National Park Service and the Bureau of Fisheries has not yet been issued, but it is intended that the work pertaining to fish cultural activities and the distribution of fish shall continue to head up under the Branch of Research and Information and all work programs and policy matters will clear through the Branch and the Section on National Park Wildlife, Bureau of Biological Survey.

All Washington personnel of the Section on National Park Wildlife will continue to occupy their present offices in the Interior Building and will maintain their present relations with the work of the Branch of Research and Information.

FORESTRY

Forestry Hearings.--Chief of Forestry Coffman represented the Service at the Washington hearings of the Joint Congressional Committee on Forestry from January 16-20. Testimony for the Interior Department was presented by Director of Forests Lee Muck, by Commissioner John C. Page for the Bureau of Reclamation, by Chief Forester W. H. Horning for the Oregon and California Revested Lands Administration, and by Mr. Coffman for the National Park Service. At the time of adjournment, Forest Service testimony was being presented. The hearings will be resumed on February 1 for the completion of the Forest Service presentation of testimony, which will probably conclude the hearings of the Committee.

Previous to these hearings in Washington the Committee had visited various sections of the country to hear testimony regarding the forestry situation and problems relating to those localities. The hearings at San Francisco were attended by Regional Director Kittredge and Associate Forester Thede, and at Portland, Oreg., by Regional Director Kittredge and Regional Forester Sanford.

1939 Fire Record.--The annual Service forest fire report for 1939 indicates the prevalence of the most severe fire danger conditions of the past decade in the West and generally high danger in the East. Despite these conditions and the starting of a larger number of fires than during

any previous year except 1936, the Service continued its excellent fire suppression record with an extremely low area burned. Some of the highlights of the record were:

557 fires started during the year, including 194 lightning and 188 smoker fires, which, for these 2 causes, is the greatest number in Service history.

Area burned in the parks was 2,920 acres or .03 percent of the total Service area needing protection.

Cost of fire suppression was \$85,137, including the value of the CCC.

Enrollees devoted 22,691 man-hours to fire suppression on park fires. This one of the outstanding reasons for the excellent record.

The three western regions report that assistance by the Service's national park and State park CCC was rendered on 948 outside fires on which enrollees spent more than 512,000 man-hours in fire suppression.

The effectiveness of advance training, organization, and planning by the Service, and cooperation with adjacent protection agencies were well repaid by the reduction in acreage burned during this difficult season when other agencies reported large areas burned.

ADMINISTRATION

The Department received an inquiry from the Federal Interdepartmental Safety Council for information relating to the progress of the National Park Service and other bureaus of the Department in safety activities, such information to be used in the report of the Council to the President. In compliance with this request the Service submitted a pictograph (see below) showing the change in trend in the number of disabling injuries after the Service initiated its safety program in 1937. In 1936, it will be observed from the pictograph that with a sharp reduction in the number of employees the trend of injuries continued up, but with the start of the

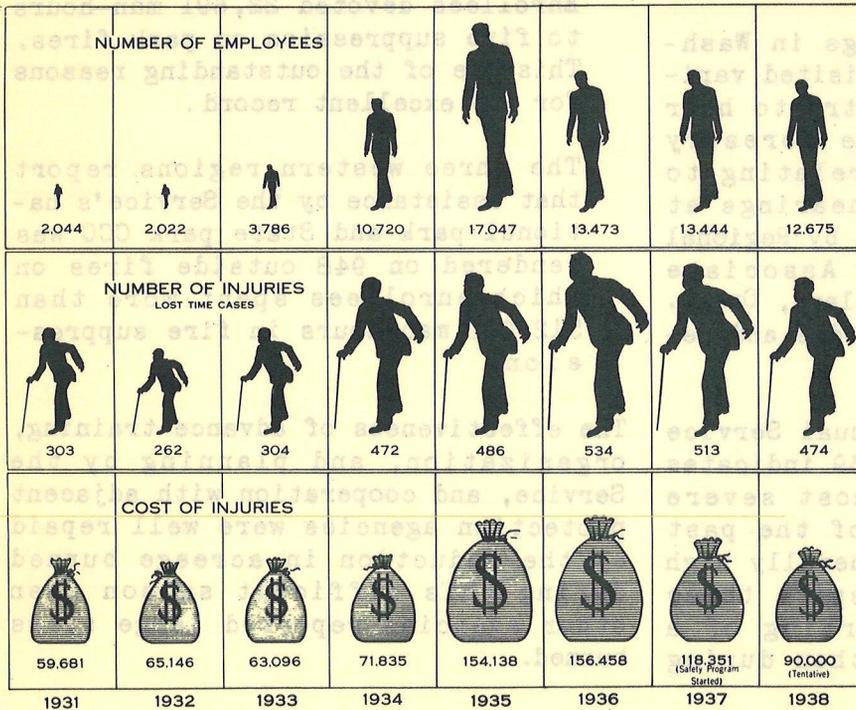
safety program in 1937 the number of disabling injuries declined and a further reduction was made in 1938. The results are encouraging, but there is room for a great improvement in the Service record in the number of disabling injuries.

* * *

The sum of \$9,066,540 for all regular Service activities was approved for inclusion in the 1941 Budget, exclusive of trust funds. The amount approved represents a reduction of \$3,543,482 under the \$12,610,022 appropriated for the 1940 fiscal year. The hearings before the House

Subcommittee on Appropriations will be held about February 15. After the hearings are completed and the Bill is reported by the House Committee on Appropriations, the information will be transmitted to the field as soon as practicable thereafter concerning the amounts included in the 1941 Interior Department Appropriation Bill for Service activities.

A summary of the amounts included in the 1941 Budget is appended to this issue of the *Bulletin*.



RESEARCH AND INFORMATION

Dorr G. Yeager, Assistant Chief of the Museum Division, Western Museum Laboratories, at Berkeley and Emeryville, California, visited the Washington Office for a few days during January. He reported that his present staff consists of 2 permanent employees, 11 CCC enrollees, 1 CCC technician, and about 150 WPA workers. Quoting Mr. Yeager, the laboratories are always very busy. The big problem is to find means of keeping ahead of the orders for miscellaneous services which are placed by the national parks and other offices of the Service. At present three major museum projects are under way: the Lassen Volcanic Museum, the Scotts Bluff Geological Museum, and the Mount Rainier Museums. Extensive exhibit preparation has just been completed for White Sands National Monument.

* * *

During January, the Carnegie Institution of Washington shaped plans for the termination of the license under which the Institution for the past 35 years has operated a Marine Biological Laboratory on Loggerhead Key, which is within the boundaries of Fort Jefferson National Monument. It is the intention of the Institution to abandon their holdings on the Key if arrangements can be made with some Bureau or private institution to conduct a research program in their buildings. It appears to be impractical to carry on National Park Service research work in the Dry Tortugas.

Definite plans for future use or abandonment of the laboratories cannot be made until the question of Service authority on Loggerhead Key has been answered.

* * *

Plans have been made for the employment of a small staff of preparators to work on the Kings Mountain Museum exhibits. Tentative exhibit plans have been prepared in the Museum Division, and when building plans have been perfected the exhibit plans will be made to conform to building requirements.

* * *

The lecture service provided by representatives of the Branch of Research and Information to the local community serves indirectly as an indicator of the pulse of public interest. This fall and early winter there was a decided decrease in the number of requests for lectures on national park areas. Those responsible for arranging these lectures have stated that audiences have been more interested in war news and comments on the European situation than lectures dealing with other subjects. Since the first of the year, however, requests for lectures have increased. Chief Naturalist Trager has been called to Baltimore three times during the past month to lecture on Alaska. Two of these lectures were

sponsored by John Hopkins University groups, and the other by a women's club.

INFORMATION

* * *

The Naturalist Division has recently experimented with duplicating standard-size lantern slides with miniature Kodachrome and also duplication of miniature slides. Early results appear promising. All of this colored material can easily be reproduced in black-and-white. Just as soon as a standard practice has been developed this will be announced to the field so that Kodasides can be used more frequently to illustrate reports or scientific articles.

* * *

J. Volney Lewis, Geologist, Region IV, is conducting an extensive investigation into the gold-mining projects of the Organ Pipe Cactus National Monument, and Dr. Ross A. Maxwell, Junior Geologist, Region III, is

making an investigation of the guano deposits in the new caverns discovered recently near Carlsbad Caverns National Park. These caverns are within the boundaries of the extension to this park.

* * *

Investigation has just been completed of the Bromide Springs and mineral wells in the vicinity of Platt National Park. Dr. Gould, assisted by Mr. Schoff of the U. S. Geological Survey, conducted the field investigation. It appears evident that this water is being wasted through flowing wells and by other means at a more rapid rate than the sub-surface supply is being replenished. Unless this waste is checked at an early date, the Bromide Springs for which Platt National Park has been noted will fail entirely. This program of conservation will require cooperation with the State Authority, because the wasteful practices are outside the boundaries of the national park.



* * *

During January, the Carnegie Institution of Washington shaped plans for the termination of the license under which the Institution for the past 35 years has operated a Marine Biological Laboratory on Loggerhead Key, which is within the boundaries of Jefferson National Monument. It is the intention of the Institution to abandon their holdings on the Key if arrangements can be made with some Bureau or private institution to conduct a research program in their buildings. It appears to be impractical to carry on National Park Service research work in the Dry Tortugas.

NATIONAL CAPITAL PARKS

The engineering, designing, and planning work of the National Capital Parks, formerly handled by the Service's Branch of Engineering and Branch of Plans and Design, has been transferred to the Planning and Construction Division of the National Capital Parks. Francis F. Gillen has been designated Chief of the Planning and Construction Division, National Capital Parks.

* * *

Robert Wadlow of Alton, Ill., tallest person in the world, was a visitor to the Washington Monument and Lincoln Memorial on Sunday, December 10. Mr. Wadlow, who is 21 years old, measures 8 feet, 9½ inches in height. He was accompanied by his father, Mr. Harold Wadlow.

* * *

Acquisition by the Federal Government of an island in the Potomac River, approximately 2 miles below Great Falls, variously known as "Cupid's Bower", "Crow's Nest", and other locally popular appellations, and the legalization of its name as "Sherwin Island", has been reported to Secretary of the Interior Ickes by the National Capital Park and Planning Commission.

The new name, which has been approved by the U. S. Board on Geographical Names, was suggested by the National

Capital Park and Planning Commission to honor the memory of the father of James Sherwin, of Erie, Pa., the last private owner of the island, in recognition of a contribution to the Government amounting to one-half of the purchase price for the area.

G. W. F. Sherwin, for whom the island is named, was a pioneer city planner, engineer, educator, and philanthropist. Born in Erie, Pa., in 1831, his career included: surveying and planning Sioux City, Iowa, and other midwestern towns and cities; service as a member of the original Board of Trustees of the Iowa State Agricultural College; and Engineer and Water Commissioner for the City of Erie, Pa. During his busy life, Mr. Sherwin also found time to follow the teaching profession, was one of the early organizers of the Young Men's Christian Association, and one of the earliest members of the National Historical Society.

Sherwin Island, which contains approximately 23 acres, becomes a part of the George Washington Memorial Parkway. The area will be administered by the Office of National Capital Parks.

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A total of 941,070 persons made the trip to the top of the Washington Monument during 1939, an increase of 123,087 over the previous year. Visitors to the Lincoln Memorial in 1939 totaled 1,102,541 which is 12,000 less than in 1938.

HAVE YOU READ?

ARTICLES:

- AWTREY, HUGH. (Associate Recreational Planner, Region I, and Editor, The Regional Review) Wall Paper News Of The Sixties. The Regional Review, 3: 15-20, December 1939.
- BAKER, RUSSELL. (Junior Research Technician, Morristown National Historical Park) A Soldier's Christmas At Morristown in 1779. The Regional Review, 3: 3-8, December 1939.
- BEARD, DANIEL B. (Assistant Wildlife Technician) In The Wilderness Of The Everglades. The New York Times, December 17, 1939.
- CHARLES, TOM. (Former Custodian, White Sands National Monument) The White Sands. Region III Quarterly, 2: 10-13, January 1940.
- CHRISTIANSEN, MILO. F. (Supervisor, Recreational Area Planning Division, Region III) Growth of Winter Sports. Region III Quarterly, 2: 25-28, January 1940.
- DODGE, NATT N. (Naturalist, Southwestern National Monuments) Economics Of Bird Banding. Region III Quarterly, 2: 14-22, January 1940.
- FARQUHAR, FRANCIS P. The Literature Of Mountaineering. Appalachia, 5: 508-24, December 1939.
- FRANSE, H. G. Christmas Weather At Grand Canyon. Arizona Highways, 15: 12-13, December 1939.
- GODWIN, DAVID P. "Smoke Jumping." American Forests, 45: 590-92, 621. December 1939.
- HAZZARD, A. S. (Director, Institute for Fisheries Research, Ann Arbor, Mich.) Fish And Fishing Waters In Glacier Park. The Progressive Fish Culturist, July-October 1939. (Issued by the Bureau of Fisheries, United States Department of the Interior)
- LADD, H. S. (Regional Geologist, Region I) Ancient Tortoise Restored. The Regional Review, 3: 30-31, December 1939.
- MCKEE, EDWIN D. (Park Naturalist, Grand Canyon National Park) Four New Species to Grand Canyon National Park. Condor: 256-57, November-December 1939.
- NEASHAM, AUBREY. (Regional Historian, Region III) Save The Ruins! Region III Quarterly, 2: 29-33, January 1940.
- OUTERBRIDGE, GEORGE W. "Maine to Georgia" -- All the Way. Appalachia, 5: 447-55, December 1939.
- PEEPLER, ELIZABETH. The National Community Christmas Tree. American Forests, 45: 583-86, 612. December 1939.
- PINKLEY, FRANK. (Superintendent, Southwestern Monuments) *Father Kino And His Missions*. Article 12 of the series "Our Own American Citizens and the Southwest Which They Colonized" being issued by the National Park Service, explaining the significance of the Coronado Quarto Centennial and the Centennial

of Adolph Bandelier, pioneer anthropologist and archeologist for whom Bandelier National Monument is named. 10 pages mimeographed.

PITKIN, THOMAS M. (Research Technician, Jefferson National Expansion Memorial) Review of Harlean James' book *Romance of the National Parks*. Mississippi Valley Historical Review, 26: 448-49, December 1939.

REED, ERIK K. (Regional Archaeologist, Region III) The Stone Lions Of Cochiti -- And Of Zuni. Region III Quarterly, 2: 23, January 1940.

REYNOLDS, JESSE A. (State Supervisor Of Recreation, Virginia) and MCDANIEL, WESTON O. (District Recreation Supervisor, WPA) Arts And Craft In Non-Urban Parks. The Regional Review, 3: 21-24, December 1939.

SMALL, EDWIN W. (Superintendent, Salem Maritime National Historic Site) Wharf Building Of A Century And More Ago. The Regional Review, 3:9-14, December 1939.

SMITH, MRS. WHITE MOUNTAIN. Christmas Comes To The Navajos. Arizona Highways, 15: 38-39, December 1939.

STORY, ISABELLE F. (Editor-in-Chief, National Park Service) Parks Call Skier West. New York Times, December 10, 1939.

SWARTZLOW, RUBY JOHNSON. (Wife of Park Naturalist Swartzlow of Lassen Volcanic National Park) Peter Lassen, Trail-Blazer. California Historical Society Quarterly, 18: 291-314, December 1939.

THATCHER, T. O. (Acting Custodian, Lehman Caves National Monument) Rattlesnakes. Region III Quarterly, 2: 34-40, January 1940.

THOMPSON, A. ROBERT. (Forester NPS) Grade Change Protection For Valuable Trees. (Reprint of Occasional Forestry Paper No. 2 issued by the National Park Service) Journal Of Forestry, 37: 837-45, November 1939.

TRAGER, EARL A. (Chief, Naturalist Division, NPS) Wilderness Wonderlands. Proceedings of the Royal Canadian Institute, Vol. 4, Session 1938-39.

WATSON, DON. (Park Naturalist, Mesa Verde National Park) Human Prunes. Region III Quarterly, 2: 4-9, January 1940.

YOUNG, ROGERS W. (Assistant Research Technician) Kings Mountain, A Hunting Rifle Victory. The Regional Review, 3: 25-29, December 1939.

YOUNG, STANLEY P. "Black Boots" of the Prairie. American Forests, 46: 16-18, January 1940.

BULLETINS:

Flora of The Great Smokies, by Harry Milliken Jennison, Professor of Botany, University of Tennessee and formerly CCC Wildlife Technician and Ranger Naturalist, Great Smoky Mountains National Park. (Reprinted from the *Journal of the Tennessee Academy of Science*, Vol. 14, 1939.)

* * *

Report Of The White House Conference Of Children In A Democracy (Presented by the Report Committee to the Conference for discussion and action at sessions held January 18-20) 50 pp. mimeographed: Issued by the Children's Bureau, U. S. Department of Labor.

Official Bulletin, United States Travel Bureau, United States Department of the Interior. No. 17, 4 pp., multilithed.

* * *

Wildlife Conditions In National Parks. 1939. 38 pp., multilithed. Issued by the National Park Service. Appended to this issue of the *Park Service Bulletin* are pages containing information regarding the number of mammals in national parks and monuments.

* * *

Bulletin Of The Federation Of Western Outdoor Clubs, September 1939. 19 pp. Contains information on important activities of member clubs and discussions of conservation matters. Arthur H. Blake, Editor, 230 Monadnock Building, San Francisco, Calif.

* * *

Guide To The Appalachian Trail In New England. Publication No. 13 of The Appalachian Trail Conference, Inc., 901 Union Trust Bldg., Washington, D. C. (Second Edition) 1939. 260 pp., 6 maps. Price \$1.25.

* * *

Pioneer Visitors To Death Valley After The Forty-Niners, by Carl I. Wheat. (Reprint of an article published in the *Quarterly* of the California Historical Society, September 1939.)

* * *

Illustrated folder entitled *Natchez, Where The Old South Still Lives,* giving information regarding the Ninth Annual Natchez Pilgrimage March 2-23.

Issued by the Pilgrimage Garden Club, Natchez, Mississippi. This historic city is located at one end of the Natchez Trace National Parkway now being constructed by the Service.

* * *

Printed circular containing information regarding *Vicksburg National Military Park.* 14 pp., illus. Issued for free distribution by the National Park Service.

* * *

BOOKS:

SOIL CONSERVATION, by Hugh Hammond Bennett. McGraw-Hill Book Co., New York, 1939. 993 pp., illus. Price \$6.

The alarming conquest of vast areas of the earth by erosion is the subject of this important study. Mr. Bennett presents the history of erosion throughout the world, and particularly in North America, offering pictures to prove the seriousness of the problem. This handbook of problems and methods of solution warns that unless vigorous and speedy conservation practices are instituted, natural decadence lies ahead. Far from pessimistic, the author shows that the accomplishments of the past decade prove that America can cope with the problem of erosion and conquer it.

* * *

THE MUSEUM IN AMERICA, by Laurence Vail Coleman, Director of the American Association of Museums. Am. Assn. of Museums, 1939. 3 vols., \$7.50.

In this monograph, Dr. Coleman takes stock of the entire development of museums in the United States, analyzing conditions and trends. A critical estimate of the more than 2,500 museums in the nation, it includes classified lists of all museums. The price to members of the Association is \$6.

* * *

PUBLIC BUILDINGS -- A SURVEY OF ARCHITECTURE UNDER THE PUBLIC WORKS ADMINISTRATION, 1933-39. Government Printing Office, Washington, D. C. 697 pp., illus. Price \$2.50.

Designed to serve as a reference work for architects, engineers, planning boards, and others interested in improving the design of Public Works throughout the country, this book contains illustrations of 620 Public Works projects of 24 different types, selected from the more than 26,000 projects constructed during the last 6 years.

* * *

THEY FOUND IT IN NATCHEZ, by Theodora Britton Marshall and Gladys Crail Evans. Pelican Publishing Company, New Orleans, La. 1939. Illus. Price \$3.

A romantic story of that unique city of the old classic South.

* * *

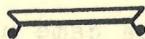
FUERTO RICO AND THE VIRGIN ISLANDS, by Daisy Reck. Farrar and Rinehart, Inc., New York, 1939. 241 pp., illus. Price \$2.50.

The author, who is connected with the Division of Information, United States Department of the Interior, has contributed a study of the Caribbean Islands that stresses their charm and at the same time emphasizes their industrial development, particularly that of Puerto Rico. With war in Europe severely affecting transatlantic travel, vacationers will find much of interest in this book.

* * *

AN OUTLINE OF GENERAL FORESTRY, by Joseph S. Illick. Barnes and Noble, New York City, 1939. 297 pp., illus. Price \$1 paper, \$1.50 cloth.

The third edition, revised and enlarged, of a standard and popular work, this book is designed as an introduction to the subject of forestry and conservation.



LEGISLATION

Very little action has been taken by the Congress during the present session on pending legislation of interest to the National Park Service. It is believed, however, that the following statement, prepared by R. Paul Weesner of the Chief Counsel's Office, will be of interest to *Bulletin* readers.

A bill, S. 1919, providing for the acquisition of *Patrick Henry's Red Hill estate* was enacted by the Congress, and was approved by the President on January 29.

The bill, H. R. 6687, *extending State taxing power to sales occurring in national parks*, military reservations and other areas over which the United States has jurisdiction, was recommitted to the Senate Committee on Finance on January 10. On January 15, Senator Wheeler submitted an amendment intended to be proposed by him which would exclude from the application of the bill any transaction occurring within any national park which was established prior to the date of admission to the Union of the State within the territorial boundaries of which such national park is located.

The *Kings Canyon* bill, H. R. 3794, came up in the Senate on January 8, and again on January 18, but was passed over without action at the request of Senator Pittman.

On January 8, the Senate agreed to the resolution, S. Res. 147, which authorizes an investigation of the proposed enlargement of the *Rocky Mountain National Park*.

On January 15, the following bills came up for consideration in the House but were passed over without prejudice:

H. R. 4868. To amend the act authorizing the President to locate, construct and operate railroads in Alaska. (Authorizes the President to operate facilities for the public in *Mount McKinley National Park*.)

S. 2624. To amend the act of August 24, 1912, with regard to the limitation of cost upon the *construction of buildings in national parks*. This bill passed the Senate on July 7, 1939.

H. R. 3759. To authorize a national *Mississippi Parkway*, and matters relating thereto.

H. R. 5688, To provide for the operation of the recreational facilities within the *Chopawamsic Recreational Demonstration project*, near Dumfries, Virginia, by the National Park Service.

H. R. 4282, To amend the act of June 30, 1936, providing for the administration and maintenance of the *Blue Ridge Parkway*.

H. R. 6813, To accept the cession by the States of North Carolina and Tennessee of exclusive jurisdiction over the lands embraced within the *Great Smoky Mountains National Park*.

A draft of a proposed bill to adjust the boundaries of the *Cedar Breaks National Monument* and the Dixie National Forest, in the State of Utah, was presented for consideration to the House of Representatives on January 16, and to the Senate on January 18.

In his message to the Congress on January 15, the President called attention to the desirability of developing the *recreational facilities of the Tennessee River System*.

New bills introduced during the 2nd (Special) Session, and thus far in the current session, are as follows:

H. R. 7570, and S. 2981, To return a portion of the *Grand Canyon National Monument* to the public domain. Introduced by Representative Murdock and Senator Hayden. These bills are similar to S. 6 of the 1st Session, which was enacted but vetoed by the President. It was his opinion that the matter needed further investigation. A thorough investigation is now being conducted by the Service.

H. R. 7619, To set aside certain lands for *Bear Butte National Monument* and to authorize their establishment as such. Introduced by Representative Case on November 3, 1939. A preliminary report on this bill was submitted by the Department to the House Committee on Public Lands on December 4, 1939.

H. R. 7638, To authorize the construction of a bridge and appurtenances thereto over and upon lands of the United States within the limits of the *Colonial National Historical Park* at Yorktown, Virginia. Introduced by Representative Bland on January 1, 1940.

H. R. 7649, To provide for the erection of a monument at Kansas City, Kansas, to *commemorate the landing of the Lewis and Clark Expedition* at that point on the Missouri River. Introduced by Representative Guyer on January 3.

H. R. 7654, To authorize the construction of a parade field, swimming pools, stadium, and other recreational facilities in Anacostia Park,

District of Columbia. Introduced by Representative Randolph on January 3.

H. R. 7891, and S. 3105, To assist the States in the improvement of highways (includes appropriation authorizations for national park and monument roads, and parkways). Introduced by Representative Cartwright and Senator Hayden on January 15.

H. R. 8050, To provide for the establishment of the Gloria Dei National

H. R. 8050, To provide for the establishment of the Gloria Dei National Historical Park in Philadelphia. Introduced by Representative Sacks on January 22.

S. 3027, Prohibiting the charging or collection of fees for admission to certain historic and archaeological sites, buildings and properties. Introduced by Senator McNary on January 4. In connection with this bill it is interesting to note the statement made by the President in his annual Budget Message to Congress January 3, which is referred to on Page 7 of this issue of the *Bulletin*.

S. 3066, To regulate the making of gifts and bequests of personal property to the United States. Introduced by Senator Walsh, January 8.

H. R. 7570, and S. 3081, To return a portion of the Grand Canyon National Monument to the public domain. Introduced by Representative Murdock and Senator Hayden. These bills are similar to S. 3 of the last Session, which was enacted but vetoed by the President. It was his opinion that the matter needed further investigation. A thorough investigation is now being conducted by the Service.

H. R. 7619, To set aside certain lands for Bear Butte National Monument and to authorize their establishment as such. Introduced by Representative Case on November 3, 1939. A preliminary report on this bill was submitted by the Department to the House Committee on Public Lands on December 4, 1939.

H. R. 7628, To authorize the construction of a bridge and approaches thereon over and upon lands of the United States within the limits of the Colonial National Historical Park at Yorktown, Virginia. Introduced by Representative Brand on January 1, 1940.

H. R. 7640, To provide for the erection of a monument at Kansas City, Kansas, to commemorate the landing of the Lewis and Clark Expedition at that point on the Missouri River. Introduced by Representative Guyer on January 3.

H. R. 7654, To authorize the construction of a parade field, swimming pool, stadium, and other recreational facilities in Anacostia Park,

E N G L A N D A N D N A T I O N A L P A R K S

By
J. Paul Hudson
Field Curator, Museum Division
National Park Service

At present there are no national parks in England. No provision has been made in that beautiful but heavily populated island to establish government-controlled areas where the wildlife, the scenic beauties and the places of historic interest will be preserved for the English people. But forces have been at work



CHARLES COTTON AND IZAAK WALTON
FISHING TEMPLE, DOVEDALE AREA, MENTIONED IN THE "COMPLEAT ANGLER"

attempting to influence the government to purchase and develop certain regions which are comparable in beauty and interest to many of our own national parks. Prominent men in England, such as Mr. F. A. Holmes and the Rt. Hon. Viscount Bledisloe, who are acquainted with the national parks in the United States, have devoted much of their time and energy to this cause. Their work has not been lacking in results, for the government has established a National Trust and a National Park Committee, whose

duty it is to study and make recommendations of certain areas, as well as to acquire certain lands, with the ultimate view in mind of developing them into national parks.

The Forest of Dean in the western part of England and the Dovedale and Manifold Valley region in the very heart of the country are two of the areas with national park qualifications



SECTION OF THE BEAUTIFUL MANIFOLD VALLEY,
A RECENT ACQUISITION OF THE NATIONAL TRUST

which are being considered. In this article only the Dovedale and Manifold Valley region will be discussed.^{1/}

Located in Derbyshire and North Staffordshire, this beauty spot of England, in the words of Mr. F. A. Holmes, "is conveniently away from the immediate haunts of man, situated in the midst of the most romantic and varied combination in England. Here we suggest a splendid sanctuary for wildlife, a perfect unspoilt and romantic spot, secluded from the noises of the world, where our countrymen may find that peace and calm so necessary in these modern days. These enclosures are absolutely necessary for the health, recreational, and educational interests of the country."

An impartial committee conducted studies in the area and recommended that it be purchased and developed as a national park. All agreed that it possesses unusual scenic beauty, distinctive scientific features, fine examples of original landscapes, and historic sites such as old halls, baronial mansions,

^{1/}Mr. Hudson, the author, has promised to prepare an article relating to the Forest of Dean for publication in a subsequent issue of the *Park Service Bulletin*.

and Tudor houses. Furthermore, it seemed especially suited to meet the recreational needs of the people as well as the special interests of the geologist, botanist, archaeologist, hiker, and fisherman.

The area is replete in rich literary associations. Its scenery captivated the imagination of Byron, inspired Thomas Moore, and influenced Samuel Rogers, David Hume, William Wordsworth, and William Jacques Rousseau. It is part of the George Eliot country, the setting for Izaak Walton's "The Compleat Angler," and the section that inspired Dr. Samuel Johnson to write that "he who has seen Dovedale need not travel to the Highlands."

Judge F. A. Holmes in his interesting pamphlet, *The Literary Associations of Dovedale*, writes that "Dovedale has also connecting links with other famous men through the ages. Handel visited the valley and walked by the stream just prior to composing the immortal oratorio 'The Messiah,' Chantrey the sculptor was enchanted with Dovedale, as was Michael Drayton and Hobbes the philosopher. Mark Twain visited the neighborhood and spoke with acclamation 'of the magic of the Dove.'"

Other Americans who have visited the Dovedale and Manifold Valley country have been unanimous in their praise. Dr. Henry Van Dyke asserted that "the preservation of Dovedale as a National Reserve is an excellent project, in which all true Englishmen should take an interest, and with which all Americans would sympathize." Professor G. Grant McCurdy wrote: "I wish every success to the movement for the complete preservation of Dovedale as a National Park." Professor William Lyon Phelps visited the region and remarked: "I am interested in the movement for the establishing of Dovedale as a National Park, and wish the good cause every success."

At present the Dovedale and Manifold Valley region seems to have somewhat the same status as that of the Big Bend National Park project in Texas. Several thousand acres of land must be acquired before the area can be developed.

Now with the war in full swing the movement for establishing national parks in England will be slowed down temporarily. But not for long, for most Englishmen are in full accord with the sentiment expressed by the former Prime Minister, Stanley Baldwin. Mr. Baldwin asked "Why should not beautiful districts be converted into National possessions which can never be disfigured or built over, and where I may be able to go in my old age without listening to the blast of a steam whistle or the hoot of a motor car?"

ABOUT FOLKS

Regional Director Frank A. Kittredge is convalescing from a kidney operation performed at the Palo Alto Hospital, Palo Alto, Calif., January 19. *Bernard F. Manbey* is serving as Acting Regional Director.

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Superintendent Lassiter of Shenandoah National Park suffered a heart attack late in December and has been confined to his home ever since. He is, however, making good progress, the latest bulletin concerning his condition advising that he has been able to sit up for the first time since he was stricken. *Theodore T. Smith* is serving as Acting Superintendent.

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Early in January *Superintendent Libbey* of Glacier National Park was called to Washington to assist in the preparation of the Service's Administrative Manual. He will remain until the end of March.

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Field Auditor Bernard L. Douglas, Region IV, has been appointed Assistant Regional Director, Region III.

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Associate Regional Director Herbert Maier, Region III, has transferred to a similar position in Region IV,

succeeding *Perry R. Gage*, who recently resigned to accept a post with the Yosemite Park and Curry Company. Mr. Maier's transfer resulted in the promotion of two other Region III officials, *Assistant Regional Officer Milton J. McColm* stepping up to the position of Associate Regional Director, and *Recreational Planner Milo F. Christiansen* moving up to the Associate Regional Director post.

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Associate Park Planner Louis P. Croft of the Washington Office is enroute to the Philippines where he will spend a year or two surveying park possibilities at the invitation of President Manuel L. Quezon. Mr. Croft, accompanied by Mrs. Croft and 12-year-old daughter Claire, left Washington late in January by motor. Enroute to the West Coast they will visit several of the national parks. They sail from San Francisco February 25 for Japan, where Mr. Croft will spend two or three weeks inspecting the Mount Fuji-Hakone, Inland Sea, Mount Aso, Nikko, and other national parks. The Crofts will arrive at the Philippines on April 1.

Last summer Mr. Croft accompanied a delegation of visiting Philippine officials on a tour of our Eastern national parks, acquainting them with problems of planning and development.

Everett A. Pesonen, appointed Supervisor of CCC operators in the Territory of Hawaii, sailed from San Francisco aboard a U. S. Army Transport January 24. Mrs. Pesonen and their two boys, David and Barton, were also aboard.

E. E. Tillett, Mr. Pesonen's predecessor as CCC Supervisor, is now serving as Assistant Director, Bureau of the Budget, Territory of Hawaii.

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Robert Kennedy of the Public Buildings Administration, Federal Works Agency, has transferred to Fort Marion National Monument where he is serving as Guard.

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Dr. Harry S. Ladd has resigned as Regional Geologist, Region I, to accept a position under Civil Service as paleontologist with the United States Geological Survey.

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Clifford C. Presnall, Assistant Chief of the Section on National Park Wildlife, Biological Survey, has been appointed to the Twenty-Year Index Committee of the American Society of Mammalogists.

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A. A. Nichol, former NPS Wildlife Technician, is directing the activities of technicians engaged in making a survey of the State of Arizona. This survey is being conducted by the Arizona Fish and Game Department as a Federal Aid investigational project.

Dr. Aubrey Neasham, Historian, Region II, and *Associate Forester W. Ward Yeager*, Region III, recently accompanied Dr. Herbert E. Bolton, authority on Spanish-American History, of the University of California, and Dr. George P. Hammond, Dean of the Graduate School, University of New Mexico, on a tour of Mexico made for the purpose of retracing Coronado's route from Compostela, Mexico to the United States border. The trip, made in January, was arranged by the Coronado Cuarto-Centennial Commission.

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Latest news from *Herwil Bryant* (he is one of the biologists with the Byrd Antarctic Expedition) is that he has obtained his sea legs sufficiently to care for his sled dogs, stand watch, and even climb to the crow's nest.

He has forwarded to his parents, Acting Superintendent and Mrs. Bryant of Grand Canyon National Park, a number of Kodaslides which give beautiful views of sailors on the yardarms unfurling sails, as well as of scenes on deck.

On arrival at Little America (The Expedition's West Base) he and an assistant biologist named Eklund will board the *North Star* and proceed to their station at Palmer Land (the last Base). "Seals and penguins will be the main objects of our search, but certain skuas, petrels, porpoises, whales, fish, crustaceans, and diatoms will receive plenty of attention" Herwil reports.

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Recent Ranger Appointments: Frank Hjort and Reino R. Sarlin (Hawaii National Park); Otis W. Foiles (Crater Lake National Park); Frederick F. Dickinson (Hot Springs National Park) to succeed Ernest W. Parkinson who transferred to Boulder Dam National Recreational Area; and Paul Gordon Favour, Jr., (Acadia National Park).

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Rev. John D. Leach, father of Temporary Ranger Dave Leach of Black Canyon of the Gunnison National Monument, is serving as a CCC Chaplain near Grand Junction, Colo.

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G. C. Dickens of the Department of the Interior has been designated to serve as Executive Officer of the United States Coronado Exposition Commission.

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Dr. Hans Huth, German authority on 17th and 18th century art and architecture, was recently appointed by Secretary Ickes to study ways of improving methods and techniques in the conservation of National Park Service historic areas. His salary is being paid by the Oberlander Trust of the Carl Schurz Foundation, Philadelphia, Pa.

Dr. Huth, who came to America 2 years ago, was in charge of former Kaiser Wilhelm's private library in Berlin from 1929 to 1936 and prior to that had charge of the royal palaces at Potsdam, Kassel, and Hamburg.

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Irving D. Townsend of Hot Springs National Park has been appointed Chief Ranger of that area. He succeeds Montgomery Pritchard, who recently retired after completing 30 years of service.

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Clarence Fry has been reinstated as a Park Ranger at Sequoia National Park.

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Swan Olson, Deputy Sheriff for Park County, Mont., has been appointed as a Deputy Park Ranger, Yellowstone National Park.

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Employees of the Mesa Verde National Park, as well as Forest Service and Soil Conservation Service employees in the vicinity of that area, have organized the Mesa Verde Local No. 677, National Federation of Federal Employees. Park personnel holding office are: Chief Ranger Jess Faha (President); Assistant Superintendent Thos. J. Williams (3rd Vice President); and H. Nelson (a member of the Executive Board).

* * *

Junior Administrative Officer Harthon L. Bill of Grand Canyon National Park, and family, returned to that Park early in the year after a month's visit with Mr. Bill's parents in Bridgeport, Conn. He failed in his attempt to get in touch with Park Naturalist Edwin McKee, an NPS Yale Fellow this year, but reported enjoyable visits with former professors of the Yale Forestry School.



Employees of the Branch of Recreation, Land Planning and State Cooperation gave a Christmas party in the office December 22. Ian Forbes acted as Santa Claus and distributed souvenirs to all from a Christmas tree. Mr. Wirth, as head of the Branch, received a Christmas card signed by all the employees. Refreshments were served after Santa had concluded his job. Pictured above, l-r: J. J. Hengstler, Armand Reixach, Helen Cranston, Neal A. Butterfield, Robert Taylor, Nancy Nettleship, Jean Eggleston, Sophie Tritsch, Florence Duncan, Conrad L. Wirth, Fred T. Johnston, Rowe Morrell, Eleanor Smarr.

Margaret Haugen, formerly of the Service's Branch of Research and Information and now connected with the South American Development Company, Guayaquil, Ecuador writes: "This is a wonderful place to be and I am enjoying it immensely."

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Private Raymond L. Shelby, U. S. Park Police, has been elected President of

the Washington Policemen's Association for 1940. The election of a member of the U. S. Park Police force to the leadership of an organization whose membership is predominately made up of members of the Metropolitan Police Department is a compliment to the Park Police organization and a token of the esteem in which members of the park force are held by their comrades of the Metropolitan Department. Only 50 of the nearly 1,200 votes cast were those of members of the Park Police force.

Grace Johnson, famous hostess at Yellowstone's Canyon Lodge, is entertaining audiences throughout the country with a lecture entitled "The Birth of the National Parks", during the course of which she traces the story of Yellowstone National Park from the time of its creation to the present time.

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Assistant Statistician (Fire Planning) Lester M. Moe of Region IV recently completed an assignment in Region I during which fire protection replanning, especially regarding fire detection and travel time studies, in Acadia, Shenandoah, Mammoth Cave, and Great Smoky Mountains National Parks was accomplished.

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Naturalist Natt N. Dodge of the Southwestern Monuments Staff is instructing a class in photography one night a week at the Coolidge High School.

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Assistant Landscape Architect James K. Somerville, Region II, has resigned to follow other employment in California.

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Shirley W. Allen, Professor of Forestry, University of Michigan, has been elected to membership on the Council of the Society of American Foresters for a 2-year period. Professor Allen at one time served as a Consultant in the Service's Branch of Forestry.

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Junior-Clerk-Cashier David M. Thomas of Carlsbad Caverns National Park has been elected President of the newly organized Veterans of Foreign Wars Post in Carlsbad.

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Mrs. Goldie Hanson, wife of Ranger Hanson, Carlsbad Caverns National Park, recently won \$500 at a local theatre.

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Harold E. Bailey has been appointed to serve as Junior Park Naturalist at Grand Canyon National Park until the return of Park Naturalist McKee from Yale University next June. Mr. Bailey has had previous experience in park work, having served for several seasons as a Ranger Naturalist in Glacier National Park.

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Albert F. Drysdale has been appointed Custodian of Pipestone National Monument, William R. Supernaugh as Custodian of Organ Pipe Cactus National Monument, and Henry C. Schmidt as Custodian of Arches National Monument.

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Winifred H. Tada of Honolulu has been appointed Clerk-Telephone Operator, Hawaii National Park.

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Hannes Schroll, former Director of the Yosemite Ski School, is now operating a ski school of his own at the New Sugar Bowl Ski Lodge located a mile and a half from Norden, Calif.

Geologist H. S. Ladd's paper Land Animals From The Sea, published in The Regional Review, September 1939, has been reprinted for distribution by the South Carolina State Commission of Forestry. That Commission plans to distribute copies in connection with their educational program.

* * *

Don Bloch has been appointed to the staff of the Bureau of Fisheries, U. S. Department of Interior, to handle radio, newspaper, and other publicity work. Mr. Bloch has done work in the past for the American Forestry Association, the U. S. Forest Service, and the Bureau of Biological Survey.

* * *

Frank T. Gartside, Assistant Superintendent, National Capital Parks, attended the winter meeting of the Board of Directors of the American Institute of Park Executives in Cleveland, Ohio, January 21-22. Mr. Gartside is a Senior Director of the Institute and Chairman of the Institute's Educational Committee.

* * *

Simeon Horace Pickering has been appointed as Guide at the Statue of Liberty National Monument to fill the vacancy caused by the death of William C. Weber.

* * *

Frank Heppler has been appointed Handyman at Devils Tower National Monument.

* * *

Acting Superintendent John C. Ewers of Ocmulgee National Monument attended the annual meeting of the American Forestry Association held recently in Biloxi, Miss., and exhibited material portraying the work of the National Park Service in conserving evidences of America's prehistoric past as indicated by the work at Ocmulgee National Monument. He also presented an illustrated lecture on that subject..

* * *

Clerk Clarence C. Coie of Mesa Verde has transferred to Olympic National Park.

* * *

Mary Boyd has been appointed as a File-Clerk Stenographer at Mount Rainier National Park.

* * *

The Junior Radio Engineer position at Yellowstone, filled by Clyde P. Elliott, was recently changed from a seasonal to a permanent status.

BORN:

A daughter, Lela Kay, to Park Ranger and Mrs. Lyle K. Linch, Natchez Trace Parkway, October 2.

A son, Malcolm Everett, Jr., to Acting Superintendent and Mrs. Malcolm E. Gardner, Natchez Trace Parkway, October 20.

A son to Assistant Engineer and Mrs. A. C. Thuring of Glacier National Park, November 11.

A daughter, to Mr. and Mrs. Fred Bertagnolli, November 11. Mr. Bertagnolli is a member of the clerical staff at Yellowstone National Park.

A daughter, to Assistant Chief Ranger and Mrs. Albert Elliott of Yellowstone National Park, December 11.

A son, David Bruce, to Custodian and Mrs. Earl Jackson of Montezuma Castle National Monument, December 13.

A son, Irving MacNair, to Chief Ranger and Mrs. Irving D. Townsend of Hot Springs National Park, January 2.

A daughter, Kathleen Joyce, to Mr. and Mrs. Maurice Broderick, January 9. Mrs. Broderick is connected with the Personnel and Records Division, Washington Office.

A son, Walker Harbour, to Mr. and Mrs. George L. Collins, January 23. Mr. Collins is Acting Assistant Chief, Land Planning Division, Branch of Recreation, Land Planning, and State Cooperation.

MARRIED:

Agnes Jane Blakeley and Assistant Regional Engineer Homer Crowley, Region IV, November 3.

Mrs. Gertrude P. Hanan, clerk in the Headquarters Office at Sequoia National Park, and W. H. Gahagan, storehouse assistant in that park, at Virginia City, Nev., November 10.

Margaret Bacorn, employed for some time at the Haynes Photographic Studio in Yellowstone, and Earl DuPaix, son of Mr. and Mrs. Henry DuPaix, managers of the Silver Tip Ranch located near

the northern corner of the park, November 18, in the Yellowstone Park Chapel.

Miralotte Lucia Sauer, and Raymond Ickes, son of the Secretary of the Interior, at Winnetka, Ill., December 16.

Hope Salisbury, Telephone Operator and Clerk at Sequoia National Park, and Richard M. Koch, December 31.

Louise M. Williams, Assistant Clerk Stenographer, Fredericksburg and Spotsylvania County Battlefields Memorial National Military Park, and Ralph Happel, CCC Junior Park Research Technician in that area, January 1.

DIED:

H. H. Hahn, father-in-law of Ranger Thompson of Carlsbad Caverns National Park, November 11.

Mrs. Catherine Miller, aunt of Chief Ranger John Woodrow, of Carlsbad Caverns National Park, at Anthony, Kans., November 16. Mrs. Miller would have celebrated her 100th birthday a week later.

Mrs. W. G. Watson, mother of Naturalist Don Watson of Mesa Verde National Park, at Durango, Colo., November 28.

"Uncle Dan" Myers, 85, pioneer cattleherder of the Great Smoky Mountains region, November 28. Mr. Myers, the most colorful old-timer left within the park area on the Tennessee side, spent most of his life in the Cades Cove section.

Thomas M. McKee, 85, at Montrose, Colo., December 12. Mr. McKee was

the first person to make a photographic study of the Mesa Verde ruins. Many prints of his pictures, taken in 1890 and 1891, are on display in the Mesa Verde Museum. In his early photographic work in the park Mr. McKee used an inner chamber of the Spruce Tree Ruins as a dark chamber.

Ferdinand A. Silcox, 57, Chief of The United States Forest Service since 1933, December 20.

Robert Fechner, Director of the Civilian Conservation Corps since its inception in 1933, at Walter Reed Hospital Washington, D. C., December 31. Burial was at Arlington National Cemetery.

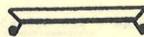
Supervisor Conrad L. Wirth, a member of the CCC Advisory Council, when he learned of Director Fechner's passing stated: "The forces for conservation in America have lost a diligent worker and valuable friend in the death of Robert Fechner. He will be remembered as one of the greatest conservationists in the history of the United States. He will also be remembered for what he accomplished in the conservation not only of natural resources but of human resources as well.

Dan Greenburg, 63, former head of the Wyoming State Planning Board and a staunch friend of the National Park Service, January 1, at Cheyenne, Wyo.

Dr. Harry Milliken Jennison, Professor of Botany at the University of Tennessee and a former National Park Service employee, January 5. Dr. Jennison was an authority on the flora of the Southern Appalachians, and last Christmas, instead of remembering his many friends throughout the Service by sending the customary greeting card he forwarded a copy of his new bulletin entitled *Flora of the Great Smokies*. This past summer he was a Ranger Naturalist in Great Smoky Mountains National Park and from 1935 to 1937 he served as a CCC Wildlife Technician in that area.

Lewis L. Davis, 77, retired Park Ranger, January 14, at Three Rivers, Calif.

"Uncle Lou" as he was known to his friends, was appointed to the ranger force at Sequoia National Park on October 4, 1901. The following year he transferred to General Grant National Park to serve as the first Ranger in that area. He resigned in 1909, but reentered the Service in 1924 as a member of the Ranger force at Sequoia. He was retired, due to the age limit, on January 1, 1929.



	1941 Estimate	1941 Amount	1940 Appr-	1941	Inc. or dec., 1941
	as submitted	approved by	to the Bureau of	Bud. Bur. Allowance	as compared with
	of the Budget	the Budget	the Budget	Base	1941 Base
Commission of Fine Arts, Expenses	\$ 9,920	\$ 9,700	\$ 9,700	\$ 9,700	\$ -
Commission of Fine Arts, Printing and Binding	300	300	300	300	-
Total, Commission of Fine Arts	\$ 10,220	\$ 10,000	10,000	\$ 10,000	-
NATIONAL PARK SERVICE					
Salaries	\$ 513,102	\$ 278,640	\$ 259,580	\$ 262,900	\$ / 15,740
Regional Offices	49,330	34,000	34,000	34,000	-
General Expenses	41,300	36,500	36,500	36,500	-
Total, Washington and Regional Offices	\$ 603,732	\$ 349,140	\$ 330,080	\$ 333,400	\$ / 15,740
Acadia National Park, Maine	\$ 69,555	\$ 52,980	\$ 55,000	\$ 50,250	\$ / 2,730
Bryce Canyon National Park, Utah	26,370	18,950	20,980	15,080	/ 3,870
Carlsbad Caverns National Park, New Mexico	113,505	104,920	102,170	99,670	/ 5,250
Crater Lake National Park, Oregon	125,840	92,040	85,000	81,500	/ 10,540
General Grant National Park, California	35,315	22,525	23,345	21,745	/ 780
Glacier National Park, Montana	245,855	205,760	221,210	194,710	/ 11,050
Grand Canyon National Park, Arizona	168,535	134,660	129,200	119,950	/ 14,710
Grand Teton National Park, Wyoming	36,265	30,360	28,400	26,600	/ 3,760
Great Smoky Mountains National Park, N. C. & Tenn.	171,030	102,590	89,400	84,230	/ 16,360
Hawaii National Park, Hawaii	95,350	64,300	62,000	60,300	/ 4,000
Hot Springs National Park, Arkansas	81,510	74,950	81,870	73,670	/ 1,280
Ile Royale National Park, Michigan	69,290	-	20,000	-	-
Lassen Volcanic National Park, California	90,015	52,590	53,225	44,475	/ 8,115
Mammoth Cave National Park, Kentucky	44,676	-	-	-	-
Mesa Verde National Park, Colorado	92,490	59,895	59,715	55,015	/ 4,880
Mount McKinley National Park, Alaska	28,470	28,320	29,970	28,070	/ 250
Mount Rainier National Park, Washington	212,750	150,880	156,275	138,800	/ 12,080
Olympic National Park, Washington	119,900	54,520	50,000	41,300	/ 13,220
Platt National Park, Oklahoma	21,135	20,575	20,325	20,075	/ 500
Rocky Mountain National Park, Colorado	155,245	97,695	98,485	85,585	/ 12,110
Sequoia National Park, California	195,285	127,665	131,735	117,485	/ 10,180
Shenandoah National Park, Virginia	125,140	94,950	75,460	68,960	/ 25,990
Wind Cave National Park, South Dakota	29,820	22,440	20,170	19,070	/ 3,770
Yellowstone National Park, Wyoming	552,510	465,070	463,520	435,620	/ 29,450
Yosemite National Park, California	395,250	343,255	335,000	322,750	/ 20,505
Zion National Park, Utah	62,490	50,050	49,220	42,470	/ 7,580
Total, National Parks	\$ 3,363,596	\$ 2,471,940	\$ 2,461,675	\$ 2,247,380	\$ / 224,560
National Monuments	\$ 500,233	\$ 340,875	283,515	\$ 255,480	\$ / 85,395
National Historical Parks and Monuments	354,835	247,285	159,560	150,200	/ 97,085
National Military Areas	532,698	420,620	428,860	362,241	/ 58,379
Manassas National Battlefield Park	-	-	56,000	-	-
Kennesaw Mountain National Memorial Military Park (Land)	-	-	55,000	-	-
Boulder Dam National Recreational Area, Arizona	121,050	84,120	99,730	64,580	/ 19,540
Emergency Reconstruction and Fighting Forest	-	-	-	-	-
Fires in National Parks	40,000	40,000	40,000	40,000	-
Forest Protection and Fire Prevention	350,000	123,620	120,000	98,500	/ 25,120
Per Diem Leave	55,000	-	-	-	-
Fee Collections	92,280	-	-	-	-
Roads and Trails, National Park Service	4,940,000	2,000,000	3,500,000	3,500,000	- 1,500,000
Blue Ridge and Matches Trace Parkways	7,950,000	2,000,000	4,500,000	4,500,000	- 2,500,000
Physical Improvements	3,419,300	165,750	-	-	/ 165,750
Historic Sites and Buildings	24,000	20,000	24,000	24,000	- 4,000
Investigation and Purchase of Water Rights	42,000	40,000	42,000	42,000	- 2,000
National Park Exhibits	20,000	-	-	-	-
Recreational Demonstration Areas	250,000	-	-	-	-
Park, Parkway and Recreational Area Study	99,545	-	-	-	-
Purchase of Lands	100,000	29,230	-	-	/ 29,230
Salaries and General Expenses, Public Buildings and Grounds in the District of Columbia	-	-	71,402	-	-
Salaries and Expenses, National Capital Parks	694,835	358,960	263,200	263,780	/ 95,180
Development of Grounds, Thomas Jefferson Memorial	376,380	375,000	-	-	/ 375,000
Navy - Marine Memorial	100,000	-	-	-	-
Mount Rushmore National Memorial Commission	-	-	175,000	-	-
Total, National Park Service, Annual and General Fund	\$24,029,484	\$ 9,066,540	\$12,610,022	\$11,881,561	\$- 2,815,021
Trust Funds					
National Park Service, Donations	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -
Preservation Birthplace of Abraham Lincoln	2,040	2,040	2,040	2,040	-
National Park Trust Fund	16,000	16,000	15,700	15,700	/ 300
Total, Trust Funds	\$ 38,040	\$ 38,040	\$ 37,740	\$ 37,740	\$ / 300
GRAND TOTAL	\$24,067,524	\$ 9,104,580	\$12,647,762	\$11,919,301	\$- 2,815,021

* Excludes \$7,879,560 transferred to "Federal Works Agency".

** The sum of \$42,280 approved for this item was distributed to the areas affected at the request of the Bureau of the Budget.

COMPILATION OF CENSUS DATA - 1939
OTHER MAMMALS

A R E A S	Marten	Fisher	Wolverine	Otter	Badger	Red Fox	Gray Fox	Coyote	Wolf	Cougar	Bobcat & Lynx	Beaver
National Parks												
ACADIA					com.							200
BRYCE				25	rare	30	30		4	30		
CARLSBAD				2		50	10		4	25		
CRATER LAKE	com.	rare		rare	rare	10	5		rare	rare	rare	
GEN. GRANT							12		4			
GLACIER	700	4	3	35	35		500	1	15	4*	20	900
GRAND CANYON				rare	rare		com.	com.	5	com.	10	
GRAND TETON	com.	rare		unc.	unc.	rare	50		3		com	
GREAT SMOKIES						150	500				unc.	
HAWAII												
LASSEN	com.	rare			unc.	unc.	unc.		3	unc.		
MAMMOTH CAVE					rare	com.						
MESA VERDE							com.		unc.	unc.		
MT. MCKINLEY	200		10	rare		200		50		*unc.	200	
MT. RAINIER	com.					35		300	1	7	200	55
OLYMPIC	rare	rare						unc.		unc.	com.	unc.
PLATT											2	
ROCKY MTN.	com.					unc.		125		10	unc.	com
SEQUOIA	unc.	rare	rare		unc.		unc.	com.		25	unc.	
WIND CAVE								5				
YELLOWSTONE	com.			unc.	unc.	unc.		com.			rare *unc.	com.
YOSEMITE	300	75		150		rare	com.	com.		20	225	
ZION					15		60	10		15	50	
Some of the National Monuments												
BANDELIER							5	30		2	com.	4
GUNNISON					com.			com.		2		
BOULDER DAM						com.	com.			5	unc.	200
CANYON CHELLY							75					
CAPULIN MT.							3				5	
CHACO CANYON							15	50			12	
CHIRICAHUA								unc.		1		
COLORADO							unc.	com.		unc.	unc.	
CRATERS of MOON												
DEATH VALLEY					unc.		25	250		10	50	
LAVA BEDS								40		rare	60	
NATURAL BRIDGE					5		20	6				
ORGAN PIPE								25		4		
SAGUARO								25		2	10	
WHITE SANDS					15		20	40				

* indicates Lynx

COMPILATION OF CENSUS DATA - 1939

LARGE MAMMALS

A R E A S	Black Bear	Grizzly	Wapiti	White-tailed Deer	Black-tailed Deer	Mule Deer	Moose	Caribou	Pronghorn	Bison	Bighorn	Mtn. Goat
<u>National Parks</u>												
ACADIA			800									
BRYCE					200							
CARLSBAD					125							
CRATER LAKE	50	6	6	80	20							
GEN. GRANT	5				200							
GLACIER	350	100	1950	1600	1100	230				200	750	
GRAND CANYON					250			20		200		
GRAND TETON	60	10	250		225	110				20		
GREAT SMOKIES	225			40								
HAWAII												
LASSEN	20			650	150							
MAMMOTH CAVE			6									
MESA VERDE	5				com.							
MT. MCKINLEY	10	50				200	14000			2000		
MT. RAINIER	100		25	650								450
OLYMPIC	com.		com.	com.								rare
PLATT					4				21			
ROCKY MTN.	80		1000		1400						330	
SEQUOIA	150				1200						rare	
WIND CAVE			135		50			60	204			
YELLOWSTONE	500	300	12300		1000	700		800	850	250		
YOSEMITE	515				7000							
ZION			5		550						20	
<u>Some of the National Monuments</u>												
BANDELIER	5				100							
GUNNISON	3				130					55		
BOULDER DAM					115					270		
CANYON CHELLY	10											
CAPULIN MT.					20							
CHACO CANYON					3							
CHIRICAHUA			35									
COLORADO					com.				18			
CRATERS of MOON												
DEATH VALLEY					6						500	
LAVA BEDS					800			rare				
NATURAL BRIDGE					10						4	
ORGAN PIPE			50		50			10		25		
SAGUARO			15		35							
WHITE SANDS								14				

* indicates Lynx

FROM THE REDWOODS

Have you wandered through those magic groves
Of giant redwood trees;
And sniffed the spicy, fragrant air
And woodsmoke on the breeze?
Have you followed dusky trails to catch
That shifting, dappled light;
The sun through weaving lacy green,
A mystic acolyte?
Have you gazed through arches high and far
Like dim cathedral aisles,
And sensed the dignity and peace
Of trees, for miles and miles?
Have you heard far through the waking woods
A blue-jay's morning call;
And pondered there in reverence
The wonder of it all?
Have you counted in the redwood trees
A million lofty spires;
Or bowed before the embers' glow
Like sacrificial fires?

If you have, you've caught the radiance,
The fragrance, and the song,
And life shall know the secret spells
That to the trees belong.

Grace Freeman Pease

