





Digitized by the Internet Archive  
in 2013

[http://archive.org/details/superintendentso00uns\\_008](http://archive.org/details/superintendentso00uns_008)

10-23  
(June 1941)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
Yellowstone NATIONAL PARK

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

FOR

APRIL, 1947

ROGERS	
✓ JOHNSTON	77
✓ JOFFE	<i>J</i>
✓ ANDERSON	
KUPTZ	
SHOREY	
JOHNSON	
✓ MATTISON	<i>M</i>
✓ CONDON	<i>PC</i>
✓ LA NOUE	
ELLIOTT	
EVANS	
CHAPMAN	
SKINNER	
✓ WOHLBRANDT	
ROBINSON	<i>P.H.</i>

**IMPORTANT**

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge.

All files should be returned promptly to the File Room.

Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

NEWTON B. DRURY,  
*Director.*



**SUMMARY OF THE APRIL 1947 MONTHLY OPERATIONAL REPORT FOR  
YELLOWSTONE NATIONAL PARK**

	Page
<u>SPECIAL ACTIVITIES:</u>	1
Superintendent Rogers made trips to Livingston and Bozeman in connection with Jackson Hole National Monument and to conduct research work.	1
First session of in-service training program conducted	2
<u>INSPECTIONS:</u>	2
Downs and Borgetede, Wage Employment Service, Helena; Fellowes and Rossallievre, Post Office Department Inspectors; Blaser, Montana State Employment Service; and Urquhart, Supervisor, Gallatin National Forest, in the Park during the month.	2
<u>GENERAL PUBLICITY:</u>	3
Press release on road openings and operations sent out. "Yellowstone Nature Notes" March-April issue prepared and mailed. Supply of 1947 "Accommodations and Services" leaflets received.	3
<u>ROAD MAINTENANCE:</u>	3
Spring opening of roads begun.	3
<u>ROAD CONSTRUCTION:</u>	4
Award made to McLaughlin, Inc., for Project 1-0-1, D-3, bituminous surfacing of Old Faithful to Ice Lake road.	4
<u>CONCESSIONERS:</u>	4
J. S. Baynes, Anna K. Pryor, Mr. McPhee, and Trevor Povah, Park concessioners in. Yellowstone Park Company submitted plans for conversion of cooking units from coal to gas.	4
<u>TRAVEL:</u>	5
1,216 visitors in 513 vehicles during April.	5
<u>VISITORS:</u>	5
First 1947 visitors view Old Faithful.	5
<u>WILDLIFE:</u>	6
Tracks of grizzly and occasional tracks of black bears noted during the month.	6

1920] *Journal of Paleontology*, volume 14, number 2

and the last two are somewhat larger and deeper, all three being approximately the same size.

### New species described by the author

*Leptostomia elongata* (Weller) new species  
Figs. 1-4  
Material: Holotype, one specimen, from the upper part of the lower member of the Lower Silurian of the Weller River, about 10 miles west of Weller, Marion County, Oregon.

Diagnosis: This species has the body elongate, slightly compressed laterally, and the head very small. The mouth is ventral, the nostrils are large, and the opercular opening is large. The gills are numerous, thin, and long, extending well beyond the posterior margin of the opercular opening.

Dimensions: Total length 10 mm., head 1.5 mm., body 8.5 mm.

External features: The body is elongate, slightly compressed laterally, and the head is very small. The mouth is ventral, the nostrils are large, and the opercular opening is large. The gills are numerous, thin, and long, extending well beyond the posterior margin of the opercular opening.

Internal features: The brain is large, the spinal column is long, and the heart is large. The liver is large, the gall bladder is small, and the kidneys are large. The gonads are large, and the rectum is long.

Coloration: The body is light yellow, with a few dark spots on the head and body.

Remarks: This species is closely related to *L. elongata* (Weller), but it is larger and has more gills. It is also distinguished by its larger head and mouth, and by its longer body.

	Page
<u>WILDLIFE:</u>	
Total winter loss in Lamar area was seven buffaloes. A few calves born during early April.	6
Warmer April weather aid to the elk in the northern and Gallatin areas. Estimates of total winter loss being prepared.	7
Arrangements made for delivery of some 40,000 large rainbow trout for Madison, Firehole and Gibbon rivers.	7
<u>FOREST PROTECTION:</u>	
Yellowstone Park Fire Organization Plan for Large Fires completed as well as the Superintendent's Report of Forest Fire Fighting Equipment.	8
<u>PERSONNEL:</u>	
Reynolds and Vladimiroff SCD as Park Rangers; efficiency ratings completed for Yellowstone employees; Haines resigned; Jackson promoted; Carr, Cameron, and Murphy SCD as Clerk-Typist or Clerk-Stenographer; Albert SCD Park Ranger at Rocky Mountain; Bird transferred to Lake Texoma and SCD April 25.	8
<u>MISCELLANEOUS:</u>	
Parents-Teachers Association organized by community members and officers elected.	8
Frank Koody, 74, of Dallas, Texas, died on April 10, having been one of first persons to conduct organized parties in Yellowstone Park.	9
Final figures for National Red Cross drive.	9

and good looks in and outside town  
and you will probably be well pleased to see  
what I have done.

At present we are getting along  
well enough, and I am sure you will be  
glad to hear that we are still going on  
as well as ever. We have had some  
trouble with some men here who are  
not very good people.

There is a man here who is a  
very bad character and he has been  
causing us a great deal of trouble.  
He is a drunkard and a scoundrel.

We are trying to get him out of town,  
but it is not easy to do so. He is  
very popular here and has many  
friends. We are doing our best to  
get rid of him, but it is not an easy  
task. We are trying to find a way  
to get him out of town without  
hurting his feelings.

We are doing our best to get him out of town,  
but it is not easy to do so. He is  
very popular here and has many  
friends. We are doing our best to  
get rid of him, but it is not an easy  
task. We are trying to find a way  
to get him out of town without  
hurting his feelings.

May 12, 1947

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of April, 1947.

Weather Conditions. April was generally cold with frequent short storm periods and normal precipitation. Low temperatures retarded the melting of snow and the depths in most Park areas were well above normal by the end of the month. Precipitation for the month amounted to 1.09 inches as compared with .36 inch for April 1946. At Mammoth the maximum temperature of 66 degrees was recorded on the 27th and the minimum of -11 degrees was recorded on the 23rd. Only three clear days were recorded, but 9 were partly cloudy and 17 were cloudy.

Special Activities. On April 14, Superintendent Rogers and Chief Ranger Lafleur attended a meeting of the Montana Rural Fire Fighter's Service at Bozeman and contacted several Livingston and Bozeman people in connection with the Jackson Hole National Monument.

On April 8 Superintendent Rogers was in Livingston and Bozeman to contact officials of various organizations in connection with the Jackson Hole National Monument.

Superintendent Rogers and Assistant Superintendent Johnston, Assistant to the Superintendent Joffe and U. S. Commissioner Wilcox attended Rotary meeting in Livingston on April 14 and conducted the program.

Superintendent Rogers, Assistant Superintendent Johnston, and Park Engineer Nohlbrandt went to Mill Creek near Migrant on April 16 in connection with a Park lumber contract.

On April 22 Superintendent Rogers and Assistant to the Superintendent Joffe attended a meeting of the Montana Chamber of Commerce in Livingston, Montana, to discuss methods of improving the manner of handling reservations, travel, etc. Representatives were present from Livingston, Bozeman, Butte, Helena, Missoula, Billings, and Miles City. Also, Mr. Huntley Child, Jr., representing the Yellowstone Park Company, was in attendance.

Superintendent Rogers went to Bozeman on April 24 in connection with research work in the Bozeman Library.

Assistant Superintendent Johnston and Park Engineer Nohlbrandt returned on April 3 from trip to Denver and Salt Lake City in connection with the obtaining of surplus property and equipment.

and the *Journal of Health Politics, Policy and Law* (JHPL) in particular. In this section I will argue that the JHPL has become a central site for the production and circulation of a new kind of discourse on health policy, one that is increasingly dominated by the language of markets and individual responsibility. This shift is reflected in the journal's editorial mission statement, its article titles, and its overall aesthetic. The JHPL's new emphasis on markets and individual responsibility is part of a broader trend in health policy discourse, one that reflects the influence of neoclassical economics on health policy analysis. This trend is also reflected in the journal's editorial mission statement, its article titles, and its overall aesthetic. The JHPL's new emphasis on markets and individual responsibility is part of a broader trend in health policy discourse, one that reflects the influence of neoclassical economics on health policy analysis.

A meeting of Yellowstone veterans was held at Mammoth on April 4 with a view to establishing a local veterans organization in Yellowstone Park.

Special Candlelight Easter Services were held in the Chapel at 6:00 a.m., April 6. Dr. Arthur W. Seebart, Minister of the Holbrook Congregational Church, Livingston, Montana, officiated. About one hundred people were present for the services which were highly successful and well received by those attending.

O. W. Mense, head of the Department of Rural Engineering, Agricultural Experiment Station, Montana State Agricultural College, Bozeman; L. C. True, publicity man, and W. J. Sutter, instructor in agriculture at the Montana State Agricultural College, gave a demonstration of a snow sled which they had developed at the College. The demonstration was conducted on Swan Lake Flat on April 11.

On April 15 Willis Stanton, Acting Custodian, Devil's Tower National Monument, visited Yellowstone Park to discuss repair of the Custodian's residence and other matters pertaining to the Monument, and to make delivery of the fire truck which was acquired for Devil's Tower. A load of lumber was delivered from Yellowstone on the truck.

The first session of the program of in-service training was conducted on April 15 with Superintendent Rogers and Assistant Superintendent Johnston giving the talks. Since that date there have been regular training periods for all employees on each Tuesday and Thursday afternoons. A detailed outline of the in-service training program is attached.

The Wage Schedule, Construction, No. 3-47 and Wage Schedule, Maintenance, No. 2-47, were approved on April 22. These schedules will be in effect for the 1947 season.

Inspections. Mr. Robert Downs, Veterans' Employment Service, Helena, and Bernard Borgstede, Field Assistant, Veterans' Employment Service, Helena, in the Park on April 4 to discuss the employment of veterans.

L. A. Fellows, Inspector, Post Office Department, Casper, Wyoming, and P. H. Deschlievre, Inspector, Post Office Department, Salt Lake City, came into the Park on April 15 to discuss seasonal operations and wage schedules.

Mr. James R. Blaser, Representative, Montana State Employment Service, came into the Park on April 22 to make arrangements for opening an office in the Park about May 15.

James Urquhart, Supervisor, Gallatin National Forest, and Mr. Johnson, Region I, U. S. Forest Service, in on April 24.

Plans, Maps, and Surveys. The Lamar, Norris and Mammoth Regional Development Master Plan Sheets have been revised or brought up-to-date.

the same time, the new species of *Leucostoma* and *Leucostoma* subgenus were added to the genus. In this paper we present a detailed description of the new species and discuss its relationships with other species of *Leucostoma*.

The following studies or plans were also completed during the month: Campground Fireplace, NP-YEL-2195; Study Bedroom Addition to Plan, NP-YEL-2503-Supp.; Ramp for U. S. Commissioner's residence to permit use of invalid's chair, and specifications and sketches for carpeting and drapes for the Yellowstone Park Chapel, NP-YEL-3122-Supp.

General Publicity. 8,500 copies of the Yellowstone Park broadside for 1946 were received on April 1 from the Government Printing Office.

On April 11 a press release on road openings and operations for the 1947 season, and also one on lost and found articles, was sent out to the Park mailing list.

The first supply of "Accommodations and Services" leaflets for 1947, published by the Yellowstone Park Company, was furnished the National Park Service on April 29 for distribution.

The publication "Yellowstone Nature Notes", March-April issue, was prepared and placed in the mail on April 16 with a total of about 580 copies issued.

Free publications on hand at the end of April numbered 26,000 of the 1946 Information Folder, in the Chief Ranger's Office storeroom. There were 3,750 in the Museum storeroom, and also 3,500 Location Map No. 5.

A breakdown of publication sales was attached to the Report of the Naturalist Division for April, 1947.

Road Maintenance. The snow plows began the spring opening of the roads on April 8. About eight miles of the Tower Falls to Canyon road was plowed to allow late skiing on Mount Washburn. By the end of the month the roads open were Mammoth to Norris, to Madison, to Old Faithful and Madison to West Entrance, Norris to Canyon and Lake. On April 30 the roads from Mammoth to Old Faithful and West Yellowstone were opened to the public.

The snow plowing has been both difficult and easy, but the general depth has been above three feet with much plowing up to six feet and a few 10 to 20 foot drifts. The east approach of the Yellowstone River Bridge at Tower Falls was rebuilt. Surface patching was started as soon as the road surface had dried. Heavy patching is required between Mammoth and Tower Falls and on the Gallatin road inside the Park. A restricted load limit was placed on the Mammoth to Cooke section and on the Gallatin section during the entire month.

A hot boiling spring had developed on the inner edge of the road at Beryl Spring between Norris and Madison, extending about half way across the road, making a crater about ten feet in diameter and fifteen feet deep. It was possible to cap this geyser with concrete even though there was considerable pressure and high temperature.

Approximately two miles of the road surface, Norris to Madison section, is breaking up and will require heavy patching if not regrading. The roads in general are showing more wear than was anticipated last fall when estimates were made.

and the first time I have seen it. It is a very large tree, and the trunk is about 10 feet in diameter. The bark is smooth and grey, and the leaves are large and green. The flowers are white and fragrant, and the fruit is a small, round, yellowish-orange berry. The tree is growing in a clearing in a forest, and there are other trees and bushes around it. The ground is covered with fallen leaves and pine needles. The sky is clear and blue, and the sun is shining brightly. The overall impression is one of a peaceful and natural environment.

Road crews are now stationed at Mammoth (10 men) Gallatin (10 men) Snow Crew (11 men), and Special Crew (10 men).

New Construction. Work on project 401, temporary houses at Mammoth, has proceeded slowly due to the fact that flooring is unobtainable. Power lines were placed to all three houses in the Mammoth area. Sewer lines were connected to two houses, and water piped into one house. Cabinets are being installed in one.

Cleanup of fire damage to Building No. 5, Mammoth, was started. The pre-fabricating of fire places at the Fishing Bridge Campground and redecorating of Museum rooms at Mammoth was started.

The dressing up of the berm which protects the water from Opal Terrace Spring has been finished by resodding the slope. The water has not begun to fill the basin, but the depression gives a good setting for the springs which are now quite active and colorful.

Bids were open by the Public Roads Administration in Cheyenne on April 23 for constructing Project 1-D-1, D-3, bituminous surfacing of 7.01 miles, Old Faithful to Isa Lake. Award was made to McLaughlin, Inc., which contractor was low with a bid of \$130,094. The second low bidder was Peter Kiewit Sons Co., with a bid of \$182,009, and the third low was Inland Construction Company with a bid of \$196,184.

Concessioners. Mr. J. E. Haynes, Haynes, Inc., was in the Park on April 11, and on April 30 he arrived to open up his operations for the summer.

On April 18 Gar. Helppie and Trevor Povah, of the Hamilton Stores, Inc., arrived in the Park.

On April 20, Mrs. Anna K. Pryor, Operator of Pryor Stores, arrived in the Park.

Mr. Huntley Child, Jr., Manager of Lodges and Camps, Yellowstone Park Company, is on April 22 and the suggested plan for the Tourist Building at West Thumb was reviewed with the Superintendent. No definite conclusions were made as Mr. Child wanted to go over the plans more thoroughly before making any comments. The few comments which were made have been submitted to the Regional Office. A meeting will be held with Mr. Child and Architect Willson in the Park on May 3.

On April 30 the Hamilton Store at Old Faithful started taking care of over-night guests. This service is to continue to May 10 when the Yellowstone Park Company will start operating its tourist cabins and cafeteria at Old Faithful.

The Yellowstone Park Company has submitted plans for the converting of all of their cooking units from coal to gas. The plans show the installation of a number of tanks located in drives and parking areas and these will be checked in the field, and if necessary, the plans will be corrected before they are forwarded for clearance. The installations are to be made in 1947 for use in 1948.

• 2000  
• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000  
• 2000  
• 2000

• 2000  
• 2000  
• 2000  
• 2000  
• 2000

Heavy damage was done to several of the buildings at Canyon Lodge by snow this spring and Superintendent Rogers approved the repair of these structures.

Interpretive Services. On April 2, Mr. Kenneth Hungerford, Professor of the School of Forestry in the University of Idaho at Moscow, accompanied by a group of about 15 men, were given a three-hour lecture in the Mammoth Museum. On April 4, this group was shown a special wildlife movie in the Mammoth Museum basement.

Motion pictures were presented each Tuesday evening to the members of the Mammoth community in the Canteen Building. These are of a general educational character.

Museum Activities and Exhibits. The Firehole Canyon field exhibit was taken out and installed on April 30.

Work assembling projection screens for use at Mammoth, Fishing Bridge, and Old Faithful has been completed. The Old Faithful model geyser has been completely prepared for use, the wayside exhibit finished, many new labels prepared, wooden frames in glass covers for these made, and other preparatory work completed.

Research and Observation. Chief Park Naturalist Condon and Park Naturalist Watson made field trips into the Park on April 23 and 25 for the purpose of making geyser observations, checking wayside exhibits and museums. In addition to this, Chief Park Naturalist Condon, accompanied by Mr. George Harler, made an inspection of thermal areas, museums and wayside exhibits on April 30.

One porcupine skull was added to the skull collection during the month.

Increase or Decrease in Travel. One thousand two hundred sixteen visitors entered the Park during the month as compared with 1,968 for April, 1946. Five hundred thirteen vehicles entered as compared with 736 for April, 1946. The total persons entering the Park for the travel year is 11,832 as compared with 20,048 for last year.

Visitors. Mrs. Leon A. Spaulding of East Sebago, Maine, and Mrs. Mark Goodgard and Mrs. Arthur E. Fritz of Rochester, New York, with a chauffeur and maid entered the Park on April 25 and made the trip to Old Faithful. They were the first 1947 visitors to view Old Faithful geyser.

Ranger Service. All the principal winter ranges for the larger native animals were covered by patrols for the purpose of determining the winter losses and the condition of the remaining animals and the vegetative cover. The carcasses of animals which died near the roads were removed and disposed of. Snow course readings were taken at the various stations, equipment was repaired and considerable maintenance work accomplished. Rangers devoted considerable time to repair of fire equipment and building fire hazard inspections were made in the Mammoth area.

the Boston Massacre. The Boston Massacre was a violent confrontation between British soldiers and colonists in Boston, Massachusetts, on March 5, 1770.

The British soldiers were ordered to fire on a crowd of colonists who had been taunting and threatening them. Five colonists were killed, and many more were wounded.

The Boston Massacre was a turning point in the American Revolution. It helped to unite the colonies against British rule and to inspire colonists to fight for their freedom.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

The Boston Massacre was a tragic event that has been remembered as a symbol of the struggle for independence.

Revision of the Park Ranger's Administrative, Report and Checking Station manuals was completed and copies of revisions furnished for all manuals. A supply of forms, sufficient for the season, was mimeographed and sent to stations with stationery and other supplies.

**Protection Division in-Service Training Program.** Four new permanent rangers underwent an intensive in-Service training for three days to acquaint them with their duties, the park organization and policies and procedures. All rangers who were able to reach Park Headquarters attended the semi-weekly in-Service training meetings although some have to travel fifty miles from their stations to do so. The firearms training was continued so that all rangers except those at the isolated stations have now participated. A district ranger has been designated as training officer for the division and detailed outlines are being prepared for continued specific training for both permanent and seasonal personnel. A special training conference for all rangers was held in Mammoth on April 1 at which Chief Ranger Laloue reviewed the Chief Ranger's Conference held in the Director's Office.

**Wildlife and Fish Cultural Activities.** ANTELOPES. By mid-April many of the antelope had migrated up-country as far as Mammoth and the western slopes of Mt. Everts. On April 21 the first antelope was observed near the Lamar Ranger Station. Although greatest concentrations still occur in the Rose Creek-Gardiner area, small groups are now distributed over the whole northern area as far eastward as the Lamar Valley.

BIGEARS. Tracks of a large grizzly were seen near Hellroaring Ranger Station on April 8. Occasional tracks of black bears were noted in various areas during the month and one black bear was seen along the roadside between Mammoth and Morris.

BIGHORN. Bighorns moved upward toward their summer range throughout the period and small groups were commonly seen along the Northeast entrance road between Mammoth and Tower Junction. Five additional bighorn were counted in the Tower Falls district, making the total count of all areas 140. (Mammoth, 67; Tower Falls, 45; Lamar, 25).

BUFFALO. Total known winter loss among the buffalo of the Lamar area is seven. In addition, two 1947 calves have been found dead, one from injury during birth and the other cause unknown.

While many of the animals are still in poor condition as the result of a difficult winter and shortage of forage, they showed some improvement with the warmer days of April and opening up of additional range.

A few calves were born during early April, and at close of the period calves were numerous in all cow herds. Most of the cows, as heretofore, have congregated in the area between the confluence of the Yellowstone and Lamar rivers (the Horseshoes) for calving.

Several small herds of buffalo have been seen in the Old Faithful-Fountain Flats area since opening of the road, and these appeared to be in somewhat better condition than those in the Lamar area.

the same time, it is important to remember that the term "natural resources" is a broad one, encompassing both renewable and non-renewable resources. Renewable resources, such as forests, water, and soil, are those that can be replenished over time through natural processes. Non-renewable resources, such as fossil fuels and minerals, are those that are finite and cannot be replaced once they are depleted.

It is also important to consider the social and economic impacts of natural resource management. On the one hand, natural resources can provide important economic opportunities, such as through mining or tourism. On the other hand, natural resource management can also have negative impacts, such as through habitat destruction or displacement of local communities. Therefore, it is crucial to approach natural resource management from a holistic perspective, taking into account both the environmental and social dimensions of the issue.

Finally, it is important to recognize that natural resource management is a complex and dynamic field. The challenges faced by natural resource managers are constantly changing, as new technologies and scientific understandings emerge. Therefore, it is essential for natural resource managers to stay informed about the latest developments in their field and to be adaptable in their approaches to managing natural resources.

In conclusion, natural resources are a critical part of our environment and our economy. They provide us with essential resources for survival and growth, but they must be managed sustainably to ensure their long-term viability. By understanding the principles of natural resource management and applying them in a responsible way, we can help to protect these valuable resources for future generations.

Overall, natural resources are a complex and multifaceted topic. They are essential for our survival and well-being, but they must be managed sustainably to ensure their long-term viability. By understanding the principles of natural resource management and applying them in a responsible way, we can help to protect these valuable resources for future generations.

Overall, natural resources are a complex and multifaceted topic. They are essential for our survival and well-being, but they must be managed sustainably to ensure their long-term viability. By understanding the principles of natural resource management and applying them in a responsible way, we can help to protect these valuable resources for future generations.

Overall, natural resources are a complex and multifaceted topic. They are essential for our survival and well-being, but they must be managed sustainably to ensure their long-term viability. By understanding the principles of natural resource management and applying them in a responsible way, we can help to protect these valuable resources for future generations.

Overall, natural resources are a complex and multifaceted topic. They are essential for our survival and well-being, but they must be managed sustainably to ensure their long-term viability. By understanding the principles of natural resource management and applying them in a responsible way, we can help to protect these valuable resources for future generations.

Overall, natural resources are a complex and multifaceted topic. They are essential for our survival and well-being, but they must be managed sustainably to ensure their long-term viability. By understanding the principles of natural resource management and applying them in a responsible way, we can help to protect these valuable resources for future generations.

No check has been made of other buffalo herds in the Gallatin and Hayden valleys since January.

ELK. Warmer weather of April with resultant melting of snow and opening up of additional forage was a great aid to the elk in both the northern and Gallatin areas where icy winter conditions caused much malnutrition and considerable starvation. Deaths occurred in both areas during the month, and estimates of total winter loss are now being prepared. These losses will be proportionately higher than those of a year ago.

In the northern area there are still a considerable number of elk on the winter range outside the Park, although steady up-country migration has been in progress since the end of March.

A total of 68 elk was counted inside the Park in the Gallatin area on April 7, and on April 15, 173 were seen, indicating the first strong movement in up-country migration. By the end of the period old forage was fairly plentiful on areas from which snow had melted. Comparatively few winter deaths were noted on the Gallatin area within the Park, but it was reported that heavier losses had occurred on outside range areas where the bulk of the herd wintered.

TRUMPETER SWAN. A pair of trumpeter swans was observed on a small pond between Tower Junction and the Lamar River on April 15. They apparently did not remain in this area, however, as they were not again seen.

FISH. The State of Montana began spawn collection operations on the Madison River at the west park boundary on April 2. About 700 rainbow trout were spawned with an egg take of approximately 300,000. Rainbow run has been slow.

Arrangements have been made with the Superintendent of the Ennis Fish Cultural Station for the delivery of some 40,000 large rainbow trout to the waters of the Madison, Firehole and Gibbon rivers before high water in these streams.

Mr. William A. Dunn, Superintendent of the Yellowstone Park Fish Cultural Station, arrived at the Yellowstone Lake Hatchery on April 29, the day the road was plowed of snow, and began 1947 operations.

RANGE OPERATIONS. An average of 102 horses and mules was cared for during the month, and 44.5 tons of hay was fed.

Two unserviceable horses, Earl H. and Pat, were sold to Walter C. Latte of Bozeman and removed from the Park on April 15.

Five colts, four females and one male, were born in April and five others are expected in May. Colts were sired by Black Baron and Gypsy Chief, pure-blood Morgan stallions.

Six mules acquired from Army surplus were saddled and packed, and all appear to be well trained and useful pack animals.

At close of the month 41 tons of hay remained on hand, which it is hoped will be sufficient until new hay is harvested in July.

the first time in the history of the world, and it is the first time in the history of the world that the people have been so educated as to be able to do this.

Forest Fire Protection. The job of packing forest fire hose into pack sacks was finished. These packs are now ready for dispatch to fires or to outlying fire caches. All crescent saws at the Mammoth Cache were filed and are now ready for fire use.

The Fire Trucks secured from the War Assets Administration were painted. The facilities to the Transportation Company's Garage were made available to us through Mr. F. Z. Kernermeier. Ladders for equipping these trucks were oiled, varnished and sanded.

The Yellowstone Park Fire Organization Plan for Large Fires was completed. The Superintendent's Report of Forest Fire Fighting Equipment was completed and transmitted to the Region Two Office.

Personnel. On April 7 Harry B. Reynolds, Jr., entered on duty as Park Ranger, CAF-7, under Section 2 of Regulation VIII.

The Yellowstone Park efficiency Rating Committee completed the regular ratings for Yellowstone employees and all employees rated were notified of the ratings received.

Boris T. Vladimiroff entered on duty April 8 as Park Ranger, CAF-7, under Section 2, Regulation VIII.

Wilma S. Haines started on sick leave on April 9 in connection with her resignation due to pregnancy. Her resignation is effective at 5:00 p.m., July 26, 1947. Stanley K. Jackson was promoted to the position of Clerk-Stenographer, CAF-4, vice Wilma S. Haines, resigned.

Authority was received from the Thirteenth Civil Service Region on April 11 to employ all seasonal employees under Section 4 of Regulation VIII.

Bessie M. Carr entered on duty as Clerk-Stenographer, CAF-3, Position No. 62, on April 11.

On April 15 Hugh S. Hart entered on duty as Park Ranger, Rocky Mountain National Park, by transfer from Yellowstone.

Mrs. Flora A. Cameron entered on duty as a seasonal Clerk-Typist, Position No. 401, CAF-3, on April 15.

Alice B. Murphy entered on duty on April 21 as a Clerk-Stenographer, CAF-3, Position No. 396, and was assigned to work in the Chief Ranger's Office under Blister Rust Control.

Mr. Edwin E. Bird, Accounting Clerk, entered on duty at Lake Texoma Recreational Area on April 25 by transfer from Yellowstone Park.

Miscellaneous. On April 1 a Yellowstone Park Parents-Teachers Association was organized by a group of the members of the community vitally interested in the school problems of the Park. Chief Park Naturalist Condon was elected president, Frank Martson, vice-president, and Mrs. Francis P. Roylee, secretary-treasurer.

the following week, and the first time I have seen him since he left. He is looking well, and I am glad to see him again.

He has been working on his manuscript, and I am sure it will be a valuable addition to the library. He has also written some articles for the "Journal of the Royal Society of Medicine," and I am sure they will be well received.

I am sorry to hear that you are still ill. Please take care of yourself, and let me know if there is anything I can do for you.

Yours sincerely,

John Smith

The regular monthly meeting of the Federal employee's Union, Local No. 1455, was held in the Canteen Building on April 7.

Frank Reedy, 74, of Dallas, Texas, died in Dallas on April 10. Mr. Reedy was one of the first persons to conduct organized parties in the Yellowstone Park and gave many lectures in connection with the Park. He started bringing tourists into the Yellowstone some 30 years ago.

The Yellowstone Ski Club conducted a dance in the Mammoth Canteen on April 19.

Final figures for the annual National Red Cross fund drive, conducted in the Park during March, are \$116.50.

Edmund S. Rogers,  
Superintendent.

Incl.  
In quintuple.

cc: Region Two (in duplicate).

File (2)✓  
JJ/srj

1. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
2. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze

3. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
4. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
5. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze

6. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
7. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze

8. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
9. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze

10. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
11. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze

12. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
13. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze  
14. *Chlorophytum* (L.) L. *var.* *virginicum* (L.) Kuntze

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE  
 Yellowstone National Park  
 Yellowstone Park, Wyoming

April 11, 1947

GENERAL PROGRAM OF IN-SERVICE TRAINING TO BE GIVEN AT  
 MAMMOTH CANTEEN FOR ALL PERMANENT EMPLOYEES

<u>Date</u>	<u>Time</u>	<u>Subject</u>	<u>Leader</u>
April 15	2:30 - 3:00	Discussion of necessity of in-Service training	Edmund B. Rogers, Superintendent
April 15	3:00 - 4:00	Park administration problems, Park policies and relationship of divisions	Fred T. Johnston, Assistant Superintendent
April 17	2:30 - 4:00	Organization and functions of administration offices and personnel	Joseph Joffe, Assistant to the Superintendent
April 22	2:30 - 3:15	Functions of the United States Commissioner	T. Paul Wilcox, U. S. Commissioner
April 22	3:15 - 4:00	Functions of Regional Landscape Architect and Park Planning	Frank Mattson, Regional Landscape Architect
April 24	2:30 - 4:00	Protection Department functions and personnel	Francis D. LaNoue, Chief Park Ranger
April 29	2:30 - 4:00	Naturalist Division functions and personnel	David de L. Condon, Chief Park Naturalist
May 1	2:30 - 4:00	Engineering Division functions and personnel	Philip Wohlbrandt, Park Engineer
May 6	2:30 - 3:15	Electrician Division Operations and personnel	Lloyd Seasholtz, Chief Electrician
May 6	3:15 - 4:00	Sanitation Division Operations and personnel	William Wiggins, Master Plumber
May 8	2:30 - 4:00	Fiscal Division functions and personnel	Ernest Anderson, Chief Clerk
May 13	2:30 - 3:15	Storehouse Operations and personnel	William Wright, Chief Storekeeper
May 13	3:15 - 4:00	Garage division Operations and personnel	Robert Robinson, Master Mechanic



<u>Date</u>	<u>Time</u>	<u>Subject</u>	<u>Leader</u>
May 13	4:00 - 5:00	Conducted trip around Mammoth area	David de L. Condon, Chief Park Naturalist
		This means a tour of all offices, storehouse, garage, carpenter shop, paint shop, electric shop, telephone exchange, mess house, plumbing shop, etc.	
May 19 and 20	All day	Guided trip around the loop for one-half of the permanent employees	David de L. Condon, Chief Park Naturalist
May 22 and 23	All day	Guided trip around the loop for the other half of the permanent employees	David de L. Condon, Chief Park Naturalist

The guided trips indicated on May 19 and 20 and May 22 and 23 are tentative and will be carried through if the work load can be adjusted to accommodate them; also if mess accommodations, transportation facilities, and over-night lodgings can be arranged.



Edmund B. Rogers,  
Superintendent.





