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EVERGLADES NATIONAL PARK  
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Superintendent, Everglades NP

April 5, 1962

Park Naturalist, Everglades NP

Monthly Narrative Report for March 1962

Interpretive Services

Utilization of interpretive facilities and programs continued to remain high throughout the month. The full interpretive staff was on duty during March with extra assistance derived from two WAE ranger-naturalists and on week-ends, the ranger-aide girl scouts.

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
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Talks

Royal Palm	53	5,169
Flamingo	32	3,482
Long Pine Key Campfire	9	540
Parachute Key Sunday Eve	4	209

Guided Walks or Auto-Cades

Flamingo	19	275
Night Prowl	4	86
Royal Palm	75	3,875
Special walks and talks	16	850*
		<u>14,486</u>

Talks outside area

March

1	Miami Museum Group (Christensen)	50
2	Junior Tropical Audubon Society (Karraker)	35
7	South Dade Audubon Society (Karraker)	45
9	South Miami Womens Club (Christensen)	62
13	West Homestead Elementary School PTA (Karraker)	110
14	Florida City Moose (Christensen)	26
20	Perrine Women's Club (Karraker)	40
27	Coral Gables Elementary (Giddings)	300
		<u>668</u>

Attended Stations

Flamingo	31,100
Royal Palm	29,100
Parachute Key	19,550

3842

April 2, 1961

Department of Agriculture

Field Station, Washington

Meeting Minutes, April 2, 1961

# Agenda

Discussion of organizational matters and program activities in 1961. High priority items. The following items were discussed: 1. Review of the 1960 annual report. 2. Review of the 1961 budget. 3. Review of the 1961 program plan. 4. Review of the 1961 personnel plan. 5. Review of the 1961 equipment plan. 6. Review of the 1961 travel plan. 7. Review of the 1961 housing plan. 8. Review of the 1961 food plan. 9. Review of the 1961 health plan. 10. Review of the 1961 safety plan. 11. Review of the 1961 security plan. 12. Review of the 1961 environmental plan. 13. Review of the 1961 social plan. 14. Review of the 1961 cultural plan. 15. Review of the 1961 religious plan. 16. Review of the 1961 political plan. 17. Review of the 1961 economic plan. 18. Review of the 1961 legal plan. 19. Review of the 1961 educational plan. 20. Review of the 1961 scientific plan. 21. Review of the 1961 artistic plan. 22. Review of the 1961 athletic plan. 23. Review of the 1961 recreational plan. 24. Review of the 1961 leisure plan. 25. Review of the 1961 entertainment plan. 26. Review of the 1961 vacation plan. 27. Review of the 1961 travel plan. 28. Review of the 1961 transportation plan. 29. Review of the 1961 communication plan. 30. Review of the 1961 information plan. 31. Review of the 1961 data plan. 32. Review of the 1961 statistics plan. 33. Review of the 1961 research plan. 34. Review of the 1961 development plan. 35. Review of the 1961 innovation plan. 36. Review of the 1961 progress plan. 37. Review of the 1961 achievement plan. 38. Review of the 1961 success plan. 39. Review of the 1961 accomplishment plan. 40. Review of the 1961 contribution plan. 41. Review of the 1961 impact plan. 42. Review of the 1961 influence plan. 43. Review of the 1961 power plan. 44. Review of the 1961 authority plan. 45. Review of the 1961 jurisdiction plan. 46. Review of the 1961 domain plan. 47. Review of the 1961 territory plan. 48. Review of the 1961 realm plan. 49. Review of the 1961 kingdom plan. 50. Review of the 1961 empire plan. 51. Review of the 1961 dominion plan. 52. Review of the 1961 principality plan. 53. Review of the 1961 state plan. 54. Review of the 1961 nation plan. 55. Review of the 1961 country plan. 56. Review of the 1961 republic plan. 57. Review of the 1961 democracy plan. 58. Review of the 1961 socialism plan. 59. Review of the 1961 communism plan. 60. Review of the 1961 capitalism plan. 61. Review of the 1961 feudalism plan. 62. Review of the 1961 monarchy plan. 63. Review of the 1961 aristocracy plan. 64. Review of the 1961 nobility plan. 65. Review of the 1961 gentry plan. 66. Review of the 1961 bourgeoisie plan. 67. Review of the 1961 proletariat plan. 68. Review of the 1961 peasantry plan. 69. Review of the 1961 working class plan. 70. Review of the 1961 middle class plan. 71. Review of the 1961 upper class plan. 72. Review of the 1961 elite plan. 73. Review of the 1961 ruling class plan. 74. Review of the 1961 dominant class plan. 75. Review of the 1961 privileged class plan. 76. Review of the 1961 favored class plan. 77. Review of the 1961 preferred class plan. 78. Review of the 1961 chosen class plan. 79. Review of the 1961 elect plan. 80. Review of the 1961 hand-picked plan. 81. Review of the 1961 appointed plan. 82. Review of the 1961 designated plan. 83. Review of the 1961 nominated plan. 84. Review of the 1961 elected plan. 85. Review of the 1961 chosen plan. 86. Review of the 1961 selected plan. 87. Review of the 1961 picked plan. 88. Review of the 1961 picked plan. 89. Review of the 1961 picked plan. 90. Review of the 1961 picked plan. 91. Review of the 1961 picked plan. 92. Review of the 1961 picked plan. 93. Review of the 1961 picked plan. 94. Review of the 1961 picked plan. 95. Review of the 1961 picked plan. 96. Review of the 1961 picked plan. 97. Review of the 1961 picked plan. 98. Review of the 1961 picked plan. 99. Review of the 1961 picked plan. 100. Review of the 1961 picked plan.

Project	Budget	Actual
Project 1	100	100
Project 2	200	200
Project 3	300	300
Project 4	400	400
Project 5	500	500
Project 6	600	600
Project 7	700	700
Project 8	800	800
Project 9	900	900
Project 10	1000	1000
Project 11	1100	1100
Project 12	1200	1200
Project 13	1300	1300
Project 14	1400	1400
Project 15	1500	1500
Project 16	1600	1600
Project 17	1700	1700
Project 18	1800	1800
Project 19	1900	1900
Project 20	2000	2000
Project 21	2100	2100
Project 22	2200	2200
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Project 24	2400	2400
Project 25	2500	2500
Project 26	2600	2600
Project 27	2700	2700
Project 28	2800	2800
Project 29	2900	2900
Project 30	3000	3000
Project 31	3100	3100
Project 32	3200	3200
Project 33	3300	3300
Project 34	3400	3400
Project 35	3500	3500
Project 36	3600	3600
Project 37	3700	3700
Project 38	3800	3800
Project 39	3900	3900
Project 40	4000	4000
Project 41	4100	4100
Project 42	4200	4200
Project 43	4300	4300
Project 44	4400	4400
Project 45	4500	4500
Project 46	4600	4600
Project 47	4700	4700
Project 48	4800	4800
Project 49	4900	4900
Project 50	5000	5000

Project	Budget	Actual
Project 1	100	100
Project 2	200	200
Project 3	300	300
Project 4	400	400
Project 5	500	500
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Project 7	700	700
Project 8	800	800
Project 9	900	900
Project 10	1000	1000
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Project 12	1200	1200
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Project 39	3900	3900
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Project 41	4100	4100
Project 42	4200	4200
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Project 48	4800	4800
Project 49	4900	4900
Project 50	5000	5000

Project	Budget	Actual
Project 1	100	100
Project 2	200	200
Project 3	300	300
Project 4	400	400
Project 5	500	500
Project 6	600	600
Project 7	700	700
Project 8	800	800
Project 9	900	900
Project 10	1000	1000
Project 11	1100	1100
Project 12	1200	1200
Project 13	1300	1300
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Project 39	3900	3900
Project 40	4000	4000
Project 41	4100	4100
Project 42	4200	4200
Project 43	4300	4300
Project 44	4400	4400
Project 45	4500	4500
Project 46	4600	4600
Project 47	4700	4700
Project 48	4800	4800
Project 49	4900	4900
Project 50	5000	5000

## Unattended Stations

Anhinga Trail	31,100
Gumbo Limbo Trail	19,100
Pineland Trail	18,000
Pa Hay akee Trail	10,321
Mahogany Hammock Trail	9,569
Mangrove Trail	8,600
	<hr/> 176,440
Grand Total	191,594

Of particular importance was the appointment of Mr. Saul Schiffman to a GS-7 naturalist position.

## Interpretive Facilities & Planning

A study is being made of the audio-visual program at Parachute Key Visitor Center with the hope of improving it. In this connection Mr. Robert Jessup was in the park to photograph material needed for the wide screen movie. Mr. Jessup produced the original park film. Also, National Park Service photographer Jack Baucher and German national Eugen Schumacher worked in the park during March.

## Research and Observation

Unseasonal rains came at the last possible moment and the draught stricken wildlife at Anhinga Trail has had a brief reprieve with the rising water levels. Prior to the rains pumping had been necessary and still alligators, garfish, otter, birds and turtles were dying in the rapidly disappearing slough. Taylor Slough is still the only natural body of water for many miles.

Ernst Christensen  
Park Naturalist

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Total Assets

The following statement of the assets and liabilities of the company as of the end of the year 1911 is hereby submitted:

Statement of Assets and Liabilities

The assets of the company as of the end of the year 1911 are as follows: Cash, \$11,000; Accounts Receivable, \$11,000; Inventory, \$11,000; Prepaid Expenses, \$11,000; Fixed Assets, \$11,000; Total Assets, \$55,000. The liabilities of the company as of the end of the year 1911 are as follows: Accounts Payable, \$11,000; Notes Payable, \$11,000; Long-Term Debt, \$11,000; Total Liabilities, \$33,000. The surplus of the company as of the end of the year 1911 is \$22,000.

Statement of Income

The income of the company for the year 1911 is as follows: Sales, \$11,000; Other Income, \$11,000; Total Income, \$22,000. The expenses of the company for the year 1911 are as follows: Cost of Goods Sold, \$11,000; Operating Expenses, \$11,000; Total Expenses, \$22,000. The net income of the company for the year 1911 is \$0.

Very respectfully,  
Your obedient servant,

EVERGLADES NATIONAL PARK

P. O. Box 279  
HOMESTEAD, FLORIDA

N2615

May 4, 1962

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly Narrative Report for April, 1962.

Interpretive Services

During the month, the Interpretive staff experienced the loss of two Seasonal Naturalists. Roger Giddings departed on the 3rd and Dick Young left April 22 to accept a permanent position at Blue Ridge. The services of William M. Taylor, Ranger-Naturalist WAE were enlisted to fill in on the week-ends. Also, Jeanette Ward has entered on duty in a seasonal capacity. Naturalist Schiffman was on annual leave in the Virgin Islands from April 22 to the end of the month. Members of the Headquarters staff assisted with the evening programs at Flamingo during this period.

Evening programs were continued nightly at Flamingo throughout the month. Attendance was varied; less than half capacity during the first two weeks of the month, an upsurge during the Easter holidays and a decline toward the end of the month. The information desk was manned daily at Headquarters, Royal Palm and Flamingo Visitor Centers. Average visitor use at Flamingo was 22 people per day.

The interpretive staff contributed to the program of the Annual Convention of the Association of American geographers by providing talks and guided trips for the group on two days. Bayshore walks were discontinued at Flamingo on Tuesdays and Thursdays beginning with the week of April 22 and scheduled only for Saturday and Sunday mornings during the summer months.

Program

<u>Talks</u>	<u>Number</u>	<u>Attendance</u>
Royal Palm	75	4355
Flamingo	29	2029
* Long Pine Key Campfire	6	170
* Parachute Key Sunday Even.	3	91
<u>Guided Walks</u>		
Flamingo	14	196
* Night Prowl	3	30
Royal Palm	75	3173
Special Walks & Talks	13	811

On April 23, 1964, the following information was received from the Virginia State Department of Transportation regarding the above mentioned accident:

1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the underlying causes. Once the causes have been identified, the next step is to develop a plan of action. This involves identifying the steps that need to be taken to solve the problem and determining the resources that will be needed to implement the plan. Finally, the last step in the process is to implement the plan and monitor the results. This involves putting the plan into action and tracking the progress of the solution. Once the problem has been solved, the final step is to evaluate the results and determine if the solution was effective. This involves comparing the results of the solution to the original problem and determining if the problem has been solved. If the problem has not been solved, the process may need to be repeated.

The two separate trials were conducted in the presence of the Federal Government of the United States and the Government of the Republic of China. The results of the trials were as follows:

[illegible]

(Monthly Narrative Report for April, 1962, cont'd)

Talks outside area

April 3	West Palm Beach Rotary Club (Christensen)	275
April 4	South Dade Audubon Society (Christensen)	32
		<del>11,158</del>
		11,157

Attended Stations

Flamingo	24,100
Royal Palm	20,000
Parachute Key	14,497

Unattended Stations

Anhinga Trail		20,000
Gumbo Limbo Trail		15,000
Pinelands Trail	4,000	<del>7,854</del>
Pa Hay Okee	7,854	<del>5,951</del>
Mahogany Hammock Trail		5,951
		<del>5,000</del>
		116,402
	Grand Total	127,559

Interpretive Facilities & Planning

Mr. Erskine, Audio Visual Specialist, WASO, was here during this period and inspected audio visual equipment both at Headquarters and Flamingo. His recommendations and observations have been submitted to the superintendent. It is hoped work can be <sup>begin</sup> in the near future on necessary renovations.

Also the exhibit plan for the Royal Palm Visitor Center was completed during the month.

Research and Observation

The seasonal migratory movement of certain species of bird life began this month. Most of the white pelicans and ducks have departed and the summer visitors such as swallow-tailed kites, night hawks, chuck will's widow, gray kingbirds and black whiskered vireos were either heard or seen during the month. Many of the shore birds and gulls were observed in their colorful spring plumage.

Training

The two new employees were given general orientation instruction during the month, and five seasonal members of the staff were given instruction on the operation and maintenance of the Bell & Howell Motion picture projector.

As the first of a series of informal seminars on the natural history of the Everglades, Dr. Barry Tomlinson of Fairchild Tropical Gardens addressed the members of the Interpretive staff in April. His subject was the general physiology and morphology of the palms.

Ernst Christensen  
Chief Naturalist





UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK

and  
FORT JEFFERSON NATIONAL MONUMENT

P. O. BOX 279  
HOMESTEAD, FLORIDA

May 1, 1962

	SUPERINTENDENT	
	ASST. SUPT.	
	PROTECTION	
	NATURAL HISTORY	
	ADMINISTRATION	
	RECREATION	
	PLANNING	
	ACTION RE. (NA)	
	PARK FILES	

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for April, 1962

Interpretive Facilities and Planning

Evening programs were continued nightly at Flamingo throughout the month. Attendance was varied; less than half capacity during the first two weeks of the month, an upsurge during the Easter holidays, and a drop to almost rock bottom starting with Sunday evening April 29th when only six visitors attended the evening program.

The information desk was manned daily with the same pattern of visitor use as experienced with the evening programs. An average of 22 visitors per day took advantage of the available information services during this month.

Bayshore walks were discontinued on Tuesdays and Thursdays beginning the week of April 22 and scheduled only for Saturday and Sunday mornings during the summer months.

Mr. Erskine, Audio Visual Division, WASO, inspected the audio visual equipment in the museum on April 21.

Interpretive Services

Seasonal Naturalist Dick Young was terminated on April 22 and accepted a permanent ranger position at the Blue Ridge Parkway.

Naturalist Schiffman was on annual leave in the Virgin Islands from April 22 to the end of the month.

Naturalists from Headquarters assisted with the evening programs during this period on four evenings and at the information desk on two days.



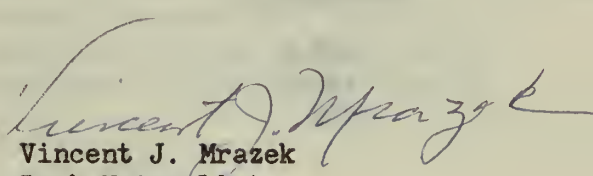
Interpretive Contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	29	2,024
Walks	14	196
Special Talks	2	55
Information Desk	30 days	667
Total		2,942

Research and Observation

The seasonal migratory movement of certain species of bird life began this month. Most of the white pelicans and ducks had departed and the summer visitors such as swallow-tailed kites, night hawks, chick will's widow, gray kingbirds and black whiskered vireos were either heard or seen during the month.

Many of the shore birds and gulls were observed in their colorful spring plumage,

  
Vincent J. Mrazek  
Park Naturalist

Representative Contacts for this month:

Program	Number	Amount
Evening Talks	20	\$2,000
Weeks	12	100
Special Talks	2	50
Information Leaf	1000	100
Total		\$2,250

# Research and Observation

The seasonal migratory movement of certain species of birds has begun this month. Most of the white pelicans and ducks had departed and the summer visitors such as swallow-tailed kites, night hawks, common wrens, yellow, gray kingbirds and black whiskered vireos were either heard or seen during the month.

Many of the shore birds and gulls were observed in their colonial habits during the month.

Vincent J. Brown  
Fair Hedges

N2615

Superintendent

June 5, 1962

Chief Naturalist

## Monthly Narrative Report for May 1962

Interpretive Services

The summer schedule of interpretive services continued throughout the month with an expected seasonal drop in visitation making its appearance. However, an average of 31 people attended the 75 talks presented at Royal Palm V. C. Also, an average of 26 attended 74 nature walks at that location, and 33 people were at each of the 31 evening programs at Flamingo.

Park Naturalists Schiffman and Adams were utilized on fire fighting duties on several days, and during the month Vincent Mrazek underwent surgery to relieve a very troublesome sinus condition.

On May 20, the portable park exhibit was viewed by approximately 6,000 people at Camp Owaissa Bauer, Homestead. Ranger-Naturalist Mendlen provided information services at the annual Campers Day program at Owaissa Bauer program. The meeting was sponsored by the Dade County Recreation Association.

<u>Talks</u>	<u>Number</u>	<u>Attendance</u>
Royal Palm	75	2,368
Flamingo	31	1,041
School Groups	15	648

Guided Walks

Royal Palm	74	1,911
Flamingo	7	57

Off-site Programs

May 1	South Dade Audubon Society	25
✓ 1	Allapattah Lions Club	76
✓ 9	University of Miami Geology Classes (2)	42
✓ 17	Buena Vista Exchange Club, Miami	28
20	Campers Day, Owaissa Bauer	6,000
✓ 24	Little River Lions Club	60
✓ 24	Homestead, Odd Fellows	60
		<u>12,316</u>

Chief Executive

Monthly Executive Report for May 1952

Executive Summary

The summary schedule of administrative activities continued throughout the month with an expected annual group to which was added its counterpart. However, an average of 22 people attended the 73 talks presented at Royal V. C. Also, an average of 27 attended 70 more talks at other locations, and 22 people were at each of the 31 evening programs at Richmond.

Participating individuals and ideas were obtained as the following series of general data, and during the month Vincent's membership figures in relation to very favorable status conditions.

On May 20, the portable part exhibit was viewed by approximately 2,000 people at Camp Lawrence, New York. Under-Representative Men'len provided information services at the annual General Day Program at the same location. The meeting was sponsored by the Duke County Recreation Association.

<u>Title</u>	<u>Number</u>	<u>Attendance</u>
Royal Vain	73	2,188
Richmond	31	1,641
School Groups	22	645
<u>General Talks</u>		
Royal Vain	74	1,911
Richmond	7	27
<u>Off-site Programs</u>		
May 1		
1 - All-Branch Lions Club		78
2 - University of Miami Geology Classes (2)		42
3 - Thomas Vista Residents Club, Miami		22
4 - Campers Day, Gaines Center		2,000
5 - Little River Lions Club		60
6 - Instructors and Fellows		42
		<u>12,318</u>

### Attended Stations

### Attendance

Parachute Key	8,221
Royal Palm	6,489
Flamingo	7,000

### Unattended Stations

Anhinga trail	15,000
Gumbo Limbo Trail	10,000
Pinelands trail	3,000
Pa-Hay-Okee trail	2,481
Mahogany Hammock trail	2,096
Mangrove trail	2,000
<b>Total</b>	<b>56,287</b>
<b>Grand Total</b>	<b>68,603</b>

### Interpretive Facilities & Planning

Royal Palm Visitor Center was robbed of \$40.00 on May 2, 62.  
Recovery of the money was not made.

A plan for additional, badly needed interpretive facilities for the Flamingo area has been prepared and presented to the Superintendent. The plan includes easily constructed, inexpensive wayside devices designed to help the visitor see and enjoy the bay and salt prairie country at Flamingo.

Thirteen aluminum, photo-processed labels have been installed on Pa-Hay-Okee trail on an experimental basis. Also during the month Mr. James Keen, Audio-Visual specialist from Homestead AFB was employed on a part-time basis to help solve the re-curent AV problems of Everglades National Park.

### Observation and Research

Park Naturalist Karraker took annual leave on five days late in the month to help with the Fort Jefferson tern banding project. Four- thousand eighty-seven (4,087) sooty terns and 84 noddy terns were banded.

### Personnel

Ranger Naturalist Gale Zimmer was re-instated during the month and Information Receptionist Maude Harriott was re-classified as a Park Guide.

Ernst Christensen  
Chief Park Naturalist

EVERGLADES NATIONAL PARK  
REFERENCE UNIT





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

	SUPERINTENDENT	
	ASST. SUPT.	
	PROTECTION	
	NATURAL HISTORY	
	ADMINISTRATION	
	ENGINEERING	
	PLANNING	
	ACTION BY: (IND.)	
	PARK FILES	

June 1, 1962

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for May, 1962

Interpretive Facilities and Planning

Visitation was generally poor throughout the month. The nightly evening programs at Flamingo were attended by half the number of visitors as had attended the programs during the previous month. Likewise, the Information Desk usage fell off. An average of 10 visitors per day availed themselves of informational services. This is less than half the figure for the preceding month.

Attendance on the morning Bayshore walks varied from zero to fourteen on the eight mornings these walks were scheduled.

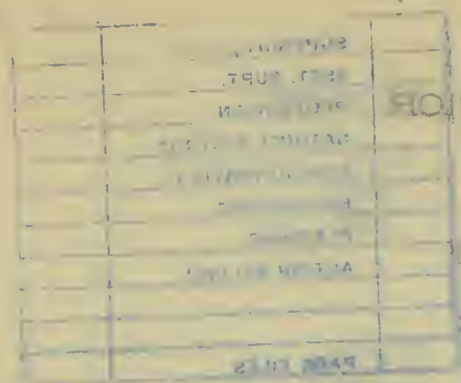
Plans were formulated for a self guiding nature trail system along the Buttonwood creek and the Flamingo area. Numbered markers with an accompanying mimeographed sheet would serve to identify some of the interesting features of the area to visitors whether on boat or land-bound.

Plans were also formulated for changing the planter at the head of the ramp from an air-plant display to a re-created beach scene. With shell-sand as a base, various shells and sherds could be displayed and labeled.

Interpretive Services

Naturalist Mrazek entered on sick leave May 12, 1962. He returned May 26. During his absence Naturalists from headquarters assisted by giving five of the Evening Talks. Seven talks all told were given by Headquarters personnel during the month.

Naturalist Schiffman gave a special talk on survival in the Everglades to Explorer Scout Post 444 at the Homestead Air Force Base on May 8, 1962. Twenty five senior explorer scouts attended.



JOHN J. HARRIS, JR.  
Box 249  
HARRIS, ALABAMA

1937

INTERVALS OF 10 MINUTES

Twenty five senior ex-labor were present.  
Further down the road the Hatched Air Force Base on July 6, 1965.  
A further addition was a school built on property of the Hatched Air Force Base on July 6, 1965.

## Interpretive Contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	31	1041
Walks	7	57
Special Talks	1	25
Information Desk	29 days	299

## Research and Observations

On Tuesday, May 15, 1962 Naturalist Schiffman flew with the Park Pilot to count Great White Herons in the Florida Bay area. Before reaching Florida Bay the plane was dispatched to the Trail east of Cooperstown to check a smoke. This smoke was ultimately to grow into the worst fire in recent park history. Almost all hands at Flamingo were called to fight the Shark River Vally fire in the following three weeks, including Naturalist Schiffman. On several nights the glow of the great fire was easily visible from the bridge which spans Buttonwood Creek.

The Drought which has plagued the glades for months and added fuel to the fires has at last come to an end. In the dwindling hours of the last day of the month, the rains came heavy and good to a parched, seared earth.

Naturalist Mrazek with Doctor Craighead checked the recovery plots on May 8, 1962 in the district.

On May 29 Naturalist Mrazek and the District Ranger took the University of Miami Marine Lab collaborators through Whitewater bay and the headwaters to check salinities.

The largest wave of Migrating Bob-O-links seen in many years passed through Flamingo and the park during the first two weeks of the month. The area was literally alive with them.

Waves of northbound warblers also graced the Flamingo area, reaching a peak during the second week of May. Particularly abundant were the Blackpolls, Redstarts, Cape Mays, and water thrushes.

A swallow tailed kite's nest with two young was located on the Snake Bight Road by a Park Visitor on May 14, 1962. The nest has been observed since that time on several occasions.

A Panther has been seen in the power-plant vicinity by company employees several times during the month.

*Saul W. Schiffman*  
Saul W. Schiffman  
Park Naturalist  
*Observed two  
and ?*



UNITED STATES GOVERNMENT

# Memorandum

TO : Chief Park Naturalist  
Chief Ranger

DATE: July 3, 1962

FROM : Maude Harriott,  
Headquarters Visitors Center

SUBJECT: Visitation Month of June, 1962, Hq Visitor Center

<u>Date</u>	<u>No. of Visitors</u>
1	81
2	159
3	729 (Incl bus group 29)
4	351 (school group of 137 included)
5	120
6	195
7	175
8	114
9	203
10	800
11	121
12	215 (incl Presbyterian Day Camp gp 36)
13	200
14	148 (bus group 22)
15	202 (Baptist School group of 75)
16	230
17	526
18	190
19	173
20	695 (120 Cuban Refugees)
21	75
22	414 (120 Cuban Ref)
23	324
24	541 (Bus group of 41)
25	222
26	296
27	235
28	254 (school group of 71)
29	232
30	269
<hr/>	
Total	8,489

Maude Harriott



P125/60

## EVERGLADES NATIONAL PARK

P. O. BOX 275

HOMESTEAD, FLORIDA

DAILY PUBLIC USE REPORT, MANGROVE DISTRICT

June

, 1962

		CURRENT MONTH	CALENDAR YEAR TO DATE
TOTAL VISITS (entry by boat)	boats - people		
. Florida Bay, non-commercial	1135-----3972		
. Florida Bay, commercial fishermen	165-----250		
. Cape Sable, non-commercial	10-----35		
. Cape Sable, commercial fishermen	12-----18		
. Flamingo, slip rentals	37-----130		
. Estimated uncounted boats (1/3 of a & c)	381-----1335	5740	35836
	1740 5740		
OVERNIGHT VISITS			
. Accommodations, concessioner		3054	18003
. Accommodations, private inholdings			
. Designated campsites, tents, Flamingo Campground		555	7526
. Designated campsites, trailers, Flamingo Campground		77	5735
. Undesignated campsites, tent, (campground overflow)		0	2816
. Undesignated campsites, trailer, (campground overflow)		0	3368
. Other overnight			
Aboard private boats, Cape Sable	427		
Aboard private boats, Florida Bay	105		
Primitive sites reached by boat, Cape Sable	46		
Primitive sites reached by boat, Fla. Bay	87		
Commercial fishermen, Cape Sable	360		
Commercial fishermen, Florida Bay	130		
XXXXXXX, Flamingo, Slip rental	142	1402	10485
Private boats not at Flamingo	105		
TOTAL VISITOR DAYS (add lines 1 and 2)		10820	83761

MONTH

## SPECIAL USE DATA

. Persons, entering by boat from Keys and West Coast

5610

. Boats, entering from Keys and West Coast

1703

. Persons in vehicles actuating traffic counter at Buttonwood Creek

## MULTIPLIERS

. Private autos X 3.5 b. Private boats X 3.5 c. Commercial boats X 1.5

## REMARKS

. Commercial fishermen are included in lines 1, 2g, 4b, and 4c

## OTHER SPECIAL BOAT USE (visitors)

. Flamingo rental skiffs

Boats - People

310 816

. Flamingo sightseeing tours

95 911

. Flamingo ramp boats

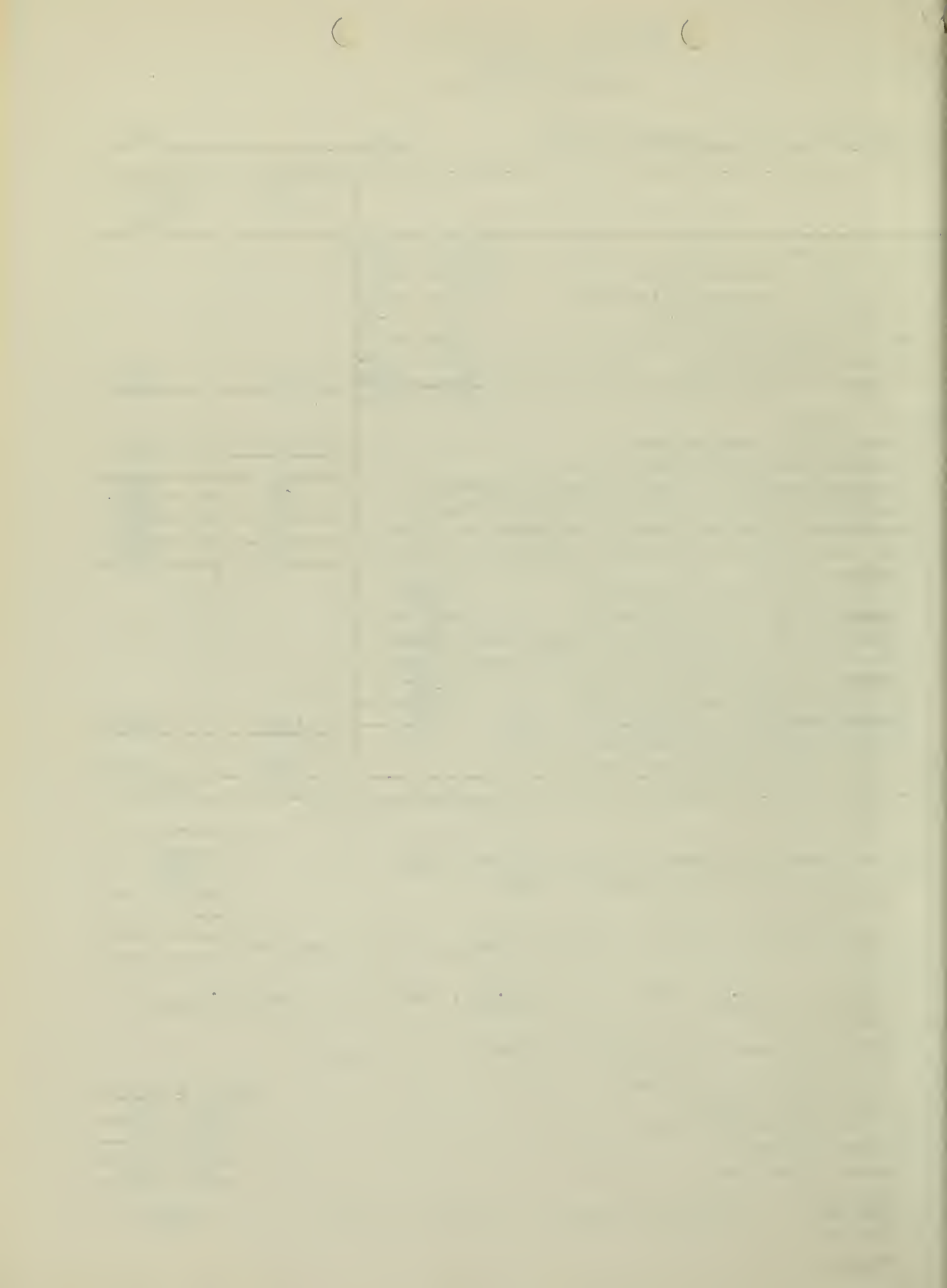
934 3269

. Flamingo charter boats

45 166

. BOATING USE - - VISITOR DAYS (lines 1a - 1f, 2g, 7a - 7d)

12304



Superintendent

August 6, 1962

Assistant Chief Naturalist

# Monthly Narrative Report, July 1962

## Interpretive Services

Interpretive programs in the Park continue on a twelve month basis. During recent weeks the training of the Seasonal staff has involved the fields of audio visuals, specimen preparation and the presentation of talks.

The most pressing problem area centers around the evening programs at Flamingo. The talks of Naturalists Mrazek and Schiffman are excellent and well attended. However, on sultry nights when air conditioning must be used, the noise from the machine is almost prohibitive. A solution to this problem is most urgent.

<u>Talks</u>	<u>Number</u>	<u>Attendance</u>
Royal Palm	68	2390
Flamingo	31	1119

## Guided Walks

Royal Palm	67	1679
Flamingo	8	105

## Special on-site programs

Baptist Youth Camp, Homestead (Zimmer-Mendlen)	35
U. Of Miami Microbiology Class (Karraker-Mrazek)	16

## Special off-site Programs

Christensen)	24
Homestead Optimists Club ( <del>Christensen</del> )	
<b>Total</b>	<b>5368</b>

## Attended Stations

Parachute Key	9864
Royal Palm	7000
Flamingo	8000

## Unattended Stations

Anhinga Trail	12000
Gumbo Limbo Trail	10000
Pinelands Trail	3000
PaHayOkee	4767
Mahogany Hammock Trail	5617
Mangrove Trail	2000
<b>Total</b>	<b>62248</b>

Grand Total 67,616

With almost 40 years of experience and the endorsement of leading academic institutions and the government of India, the recent trends in technology of the business world has provided the Indian an innovative program by the first business school in India. Having

The word "protest" implies a form of dissent, and the word "protest" is used in the title of the book. The book is a collection of essays, and the title is "Protest: A Collection of Essays". The book is written by a group of authors, and the title is "Protest: A Collection of Essays". The book is a collection of essays, and the title is "Protest: A Collection of Essays".

42

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1932

General: 1/1/32  
General: 1/1/32

[illegible]

UNITED STATES  
DEPARTMENT OF THE INTERIOR

Interpretive Facilities and Planning

Due to heavy construction the mangrove trail was closed for several days during the month. Labels were replaced on both the mangrove and mahogany hammock trails.

Audio visual problems were again in evidence with the burning out of the power switches in two slide projectors. Also, the transformer in the automatic motion picture projector at Paradise Key burned and the device was thereby inoperative for three weeks.

An exhibit plan was prepared on the importance of water to the Everglades.

Research and Observation

A flock of 20 - 30 white pelicans apparently decided to spend the summer here and could be seen almost daily on the spoil banks near the Visitor Center.

Spoonbills were frequently seen in the evenings to the delight and enjoyment of visitors and alligators made an occasional appearance in the boat basins and in front of the Visitor Center during the month.

A systematic method of recording Natural History observations was inaugurated during the month.

Public Relations.

Mrs. Morrell Bradley, widow of Guy Bradley's oldest son, visited in the Flamingo area for the first time on July 15 and was contacted by interpretive personnel. She enjoyed the area in general and was very pleased with the Guy Bradley exhibit in the museum.

David G. Karraker  
Assistant Chief Park Naturalist





UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P. O. Box 279

HOMESTEAD, FLORIDA

August 1, 1962

	SUPERINTENDENT	
	ASST. Supt.	
	PARK FILES	

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for July, 1962

Interpretive Facilities and Planning

There was little change in facilities and planning this month. Heat and mosquitoes continued to be deterrents to enjoyable visitor use of the area. Nightly programs for visitors were held in the Visitor's Lounge with an average attendance of 36 visitors per program, or about the same as last month. The disturbing clatter of the air conditioner in the Visitor's Lounge was felt more than ever during the hot evenings when acoustical quality had to be sacrificed for bodily comfort.

Work on the self-guiding device installation awaited delivery of aluminum signs from a local manufacturer.

The proposed visitor boat tour to Cape Sable by the Everglades Park Company bogged down in the planning stage and was not initiated this month as planned.

Interpretive Services

Interpretive Contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	31	1,119
Walks	8	105
Information Desk	31 days	403
	Total	<u>1,627</u>



### Miscellaneous

Mrazek accompanied Prof. Oppenheimer of the University of Miami Marine Laboratory with a party of 12 students on a tour of the Flamingo area and the Bear Lake road on July 14th.

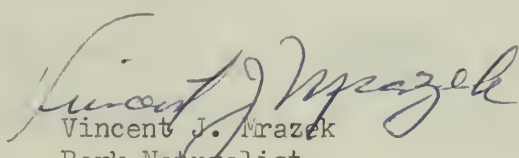
Schiffman accompanied Dr. Work, U.S. Dept. of Health on a boat tour to Rookery Branch, Cape Sable and Lake Ingraham on July 27th.

27 Mrs. Morrell Bradley, widow of Guy Bradley's oldest son, visited in the Flamingo area for the first time on July 15th and was contacted by interpretive personnel. She enjoyed the area in general and was very pleased with the Guy Bradley exhibit in the museum.

### Research and Observation

A flock of 20 to 30 white pelicans apparently decided to spend the summer here and could be seen almost daily on the spoil banks near the Visitor Center.

Spoonbills were frequently seen in the evenings to the delight and enjoyment of visitors and alligators made an occasional appearance in the boat basins and in front of the Visitor Center during the month.

  
Vincent J. Mrazek  
Park Naturalist



Superintendent, Everglades NP

July 5, 1962

Chief Naturalist

Monthly Narrative Report for June, 1962

Interpretive Services

The fourteen percent drop in visitation during the month was reflected in attendance at interpretive programs. However, special presentations for school groups and off-site talks continued to be effective adjuncts to the overall effort. At Flamingo, onw new type of program was tried on an experimental basis. This involved meeting with visitors around the big floor map and discuss things to do and see, and various phases of the area's natural history.

<u>Talks</u>	<u>Number</u>	<u>Attendance</u>
Royal Palm	61	1745
Flamingo Evening	30	1089
Flamingo Orientation	2	16

Guided Walks

Royal Palm	53	1178
Flamingo	6	41

Special On-site programs

4 Melrose School, Miami	140
7 Palm Springs Elementary School	37
12 IST Presbyterian Church, Homestead	37
15 Homestead Baptists Bible School	50
20 Naranja Elementary School	65
21 Cuban Welfare Group, Florida City	125
23 Cuban Welfare Group, Florida City	75
29 Perrine Elementary School	50

Off-Site Programs

1 Native Plant Workshop, Homestead (Karraker)	12
4 South Dade Garden Club (Karraker)	60
4 Zoological Society of South Florida (Christensen)	198
8 Acaeia Club, Miami (Karraker)	39
9 Pan Hellenic Club, Miami ( Christensen)	87
14 South Shore Kiwanis Club, Miami (Karraker)	52
14 Little River Lions Club, Miami ( Christensen)	47

TOTAL	5,143
-------	-------

July 2, 1951

Government, Washington, D.C.

Chief, Bureau of Census

Monthly Narrative Report for June, 1951

Administrative Summary

The Bureau has been busy in addition during the month was following in attendance at legislative program. However, special presentation for about 1000 and off-site calls continued to be effective against the weekly effort. As a result, one new type of program was tried on an experimental basis. This involved meeting with visitors around the big room and showing things to the new, and visitors heard of the new's and old history.

<u>Expenditures</u>	<u>Number</u>	<u>Value</u>
1777	61	1001 00
1000	30	1000 00
10	2	1000 00

<u>Expenditures</u>	<u>Number</u>	<u>Value</u>
1110	30	1000 00
41	2	1000 00

Monthly Summary of Activities

100	1. Bureau of Census, Miami
37	2. Bureau of Census, Miami
37	3. Bureau of Census, Miami
50	4. Bureau of Census, Miami
60	5. Bureau of Census, Miami
175	6. Bureau of Census, Miami
75	7. Bureau of Census, Miami
50	8. Bureau of Census, Miami

Other Activities

12	1. Bureau of Census, Miami
50	2. Bureau of Census, Miami
100	3. Bureau of Census, Miami
10	4. Bureau of Census, Miami
40	5. Bureau of Census, Miami
10	6. Bureau of Census, Miami
40	7. Bureau of Census, Miami
40	8. Bureau of Census, Miami
40	9. Bureau of Census, Miami
40	10. Bureau of Census, Miami

TOTAL 2,142

### ATTENDED STATIONS

### Attendance

Parachute Key	8,489
Royal Palm	5,700
Flamingo	6,000

### Unattended Stations

Anhinga Trail	13,000
Gumbo Limbo Trail	8,600
Pinelands Trail	2,800
Pa Hay O-Key	3,920
Mahogany Hammock Trail	4,630
Mangrove Trail	2,000
TOTAL	55,139
GRAND TOTAL	60,282

### Interpretive Facilities & Planning

Considerable curatorial and exhibit planning work was accomplished during June, including the following:

1. The entire study collection was inspected and treated for insects and fungi.
2. Four new easel type exhibit boxes were constructed.
3. Ten new label holders and labels were added to the Gumbo Limbo Trail.
4. The Ernest Coe exhibit plan was prepared and sent to the Region One Office.
5. An Aborigine exhibit was completed and installed at Royal Palm Visitor Center.
6. Fifty additional 35mm slides were added to the Park's duplicate collection.
7. The black and white work print of the Park film was received, and work writing a script for it has begun.
8. Work has begun on the self-guiding system for the Flamingo area.
9. The exhibit aquarium at Royal Palm was refurbished and restocked with fish, etc.

### TRAINING

~~40~~ Don Miller, student from Duke University presented a seminar on Crabs, particularly fiddler crabs for the members of the Interpretive Division

### Research & Observation

Badly needed rains finally came early in the month and ended one of the most disastrous fire seasons in the history of the Park. In the northwest



UNITED STATES

corner of the Park many tropical hammocks were severely pruned back and a number were completely destroyed.; A great loss to south Florida and the nation.

The Park Biologist lead a group of thirty biologists attending the International Congress of Ornithologists on a tour of South Florida and the Dry Torgugas. Some of the world's most renown ornithologists were among the group.

INVESTIGATION, FLORIDA

July 2, 1966

Ernst Christensen  
Chief Naturalist

DOCKSMR

Memorandum

To: Chief Park Biologist

From: Chief Naturalist, Florida

Subject: Monthly Narrative Report for June, 1966

Information Available: the Training

Visitors use of the area was at low normal level for the year of 1966. Reading program attendance varied from 1 to 100. The average attendance was 10 per session. Attendance was certainly a limiting factor in the overall utilization of the area by the Park visitors. The complete about 100 persons were not permitted to attend. Reading program attendance and subject was particularly low. This was due to an extremely dry day by the majority of visitors.

Spots and points of interest along the coastal area, which was the main focus of the program and was the main focus of the program. The self-guided tour was the main focus of the program. The self-guided tour was the main focus of the program. The self-guided tour was the main focus of the program.

The program will be held at the Cape Sable for the purpose of the program. The program will be held at the Cape Sable for the purpose of the program. The program will be held at the Cape Sable for the purpose of the program. The program will be held at the Cape Sable for the purpose of the program.

A series of informal educational program for the purpose of the program. The program will be held at the Cape Sable for the purpose of the program. The program will be held at the Cape Sable for the purpose of the program. The program will be held at the Cape Sable for the purpose of the program.

Interpretive Services

Interpretive Services for the program

Program

Reading Time

Time

Time

Time

Time

Time

Time

Time

of the last many hundred years were mostly of the  
same kind. The last few hundred years have seen a  
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change in the kind of things that are made.

Chief Historian  
Chief Historian



UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK

and  
FORT JEFFERSON NATIONAL MONUMENT

P. O. Box 279  
HOMESTEAD, FLORIDA

RECEIVED  
JUL 3 1962  
EVERGLADES  
NATIONAL PARK

July 2, 1962

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for June, 1962

Interpretive Facilities and Planning

Visitor use of the area was at the normal low for the time of the year. Evening program attendance varied from 2 on June 4th to 100 on the 14th. The average attendance was 36 per program. Mosquitoes were certainly a limiting factor in the overall enjoyment of the area by the park visitor. The complaints about mosquitoes were too numerous to record. Evening programs attendance and nature walk participation were curtailed to an alarming degree by the annoying insects.

Plants and points of interest along Buttonwood Canal, along the road between Flamingo and West Lake and on the Bear Lake Trail were located for the planned Flamingo Nature Guide. The self-guiding descriptive leaflet was prepared in rough draft form.

The planned all day boat trip to Cape Sable for park visitors is rapidly approaching reality. The E.P.C. have completed the dock and the visitor shelter and rest rooms are nearing completion at Cape Sable. This trip will give the visitors a chance to explore this pristine wilderness beach area and enable them to dunk their toes in the briny deep at the southernmost point in the continental United States.

A brief informal orientation program for park visitors was begun during the month at 10:30 AM outside the museum, but the absence of personnel on other assignments prevented a fair trial of the program during this month.

Interpretive Services

Interpretive Contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	30	1,089
Walks	6	41




Orientation Program	2	16
Information Desk	23 days	300
		<hr/>
Total		1,455

### Research and Observation

With the rise of water in the glades from heavy rains, it was gratifying to see small mosquito fish in great abundance where just a few weeks before was nothing but dry ground. Many egrets and herons were to be seen along the roadsides feeding upon these small fish and frogs which appeared magically a few days after the flooding of the glades.

An AVocet was seen in the Flamingo area for several days during the month.

The bird show on the mud flats south of the on-the-job quarters has been just slightly less than sensational at low tide during the past few weeks. In addition to all kinds of shore birds, ibises, great white herons and reddish egrets, there have been three spoonbills seen during the evening low ebb tides.

  
 Vincent J. Mrazek  
 Park Naturalist



ATTENDING STATIONS

Fort Lauderdale

Royal Palm

Flamingo

## EVERGLADES NATIONAL PARK

P. O. BOX 279

HOMESTEAD, FLORIDA

September 6, 1962

Attendance

10,362

7,350

8,600

STATIONING STATIONS

Memorandum

12,000

Daily Library Trail

10,000

To: Florida Superintendent

8,150

To: Fort Lauderdale Trail

8,133

From: Chief Naturalist

8,308

Hanging Trail (Clemens &amp; Christensen)

Subject: Division of Interpretation Monthly Narrative Report, August 1962

TOTAL ATTENDANCE

66,000

for Station

INTERPRETIVE SERVICES:

The interpretive staff was greatly depleted during the month by a death in the family, sickness and annual leave; however, through stop-gap measures, all stations were manned and the summer program of activities continued without interruption.

The similar plan for the "water" exhibit at Royal Palm has been completed and

Regional Naturalist Schultz visited the Park during the month and aided greatly in the preliminary planning of interpretive facilities for Fort Jefferson, Flamingo, and Everglades City. Also, he offered many valuable suggestions toward making the Headquarters Visitor Center more useful to the Park visitor. It was generally agreed that the provision of facilities for evening programs at Flamingo and revamping the Headquarters Visitor Center are of prime importance.

Mr. Schultz also attended several interpretive programs while in the Park.

to the Superintendent with notes. Then, significant developments are in-

ON-SITE PROGRAMS: a master natural history film. Plans are attached for

Talks

Royal Palm 78 3,369

Flamingo 31 1,323

Guided Walks

Royal Palm 60 1,856

Flamingo 7 116

Special off-site Programs

8/15 Conference of Veterinarians, Miami (Christensen) 127

8/15 U. of Miami Geography Class (Christensen) 42

8/15 Perrine Kiwanis Club (Dodd) 35

8/31 Homestead Air Force Base (Miele &amp; Christensen) 150

Total Attendance 7,018  
for Programs

EVERGLADES NATIONAL PARK

U. S. DEPT. OF AGRICULTURE  
BOSTON, MASSACHUSETTS

September 6, 1961

Memorandum

To: Superintendent

From: Chief Interpreter

Subject: Division of Interpretation Monthly Narrative Report, August 1961

INTERPRETIVE SERVICES:

The interpretive staff was greatly depleted during the month by a death in the family, sickness and annual leave; however, through temporary transfers, all stations were manned and the summer program of activities continued without interruption.

Regional Naturalist Schultz visited the Park during the month and aided greatly in the preliminary planning of interpretive facilities for Fort Lauderdale, Ft. Pierce, and Ft. St. Johns. Also, he offered many valuable suggestions toward making the Headquarters Visitor Center more useful to the Park visitor. He was generally agreed that the provision of facilities for evening programs at Ft. Pierce and reworking the Headquarters Visitor Center are of prime importance.

Mr. Schultz also attended several interpretive programs while in the Park.

ON-SITE PROGRAMS:

Topic	Number	Attendance
Keynote	70	3,369
Flamingo	31	1,323

Guided Visits	Number	Attendance
Keynote	60	1,826
Flamingo	7	116

Special On-Site Programs

Program	Attendance
6/12 Conference of Veterinarians, Miami (Christensen)	127
6/12 U. of Miami Geography Class (Christensen)	45
6/12 Perrine Wildlife Club (Dodd)	25
6/12 Homestead Air Force Base (Miele & Christensen)	150

Total Attendance  
for Programs 7,018

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
WASH. D. C.

<u>ATTENDED STATIONS</u>	<u>Attendance</u>
Park Headquarters	10,562
Royal Palm	7,350
Flamingo	8,400
 <u>UNATTENDED STATIONS</u>	
Anhinga Trail	12,600
Gunbo Limbo Trail	10,500
Pinelands Trail	3,150
Pa-Hay-O-Kee Trail	6,135
Mahogany Hammock Trail	5,309
Mangrove Trail (Closed - construction)	--
 Total Attendance for Stations	 64,006
 GRAND TOTAL	 71,024

INTERPRETIVE FACILITIES AND PLANNING:

The exhibit plan for the "water" exhibit at Royal Palm has been completed and forwarded to the Regional Office. Also, interpretive plans for Fort Jefferson and the Headquarters Visitor Center have been prepared.

RESEARCH AND OBSERVATIONS:

A long experienced need for a systematic method for reporting observations of natural history value has been remedied through the joint efforts of the Ranger's Activities Division and the Division of Interpretation. A dairy of observations is kept by each of the uniformed field people and submitted to the Superintendent each month. Then, significant observations are incorporated into the master natural history file. Please see attached form.

Biology seminars continued with an excellent discussion of peat and the mangrove forest being presented during August. Discussion leaders were members of the Pennsylvania State University faculty. These men have studied the Park's peat soils for many years and presented a most provoking story. Ten members of the Park staff attended.

Ernst T. Christensen  
Chief Park Naturalist

Enclosure

ATTENDED STATIONS

10,261  
7,350  
8,402

ATTENDED STATIONS  
Park Headquarters  
Royal Palm  
Flamingo

UNATTENDED STATIONS

12,600  
10,500  
3,150  
6,135  
8,309

Unattended Stations  
Landing Trail  
Gumbo Limbo Trail  
Tamarind Trail  
Palmyra-O-Kee Trail  
Hogwash Trail  
Mangrove Trail (Closed - construction)

64,800

Total Attendance  
for Stations

71,024

GRAND TOTAL

INTERPRETIVE FACILITIES AND PERSONNEL

The exhibit plan for the "Star" exhibit at Royal Palm has been completed and forwarded to the National Office. Also, interpretive plans for Fort Jefferson and the Mangrove Visitor Center have been prepared.

RESEARCH AND OBSERVATIONS

A long experienced and for a systematic method for reporting observations of natural history value has been worked through the joint efforts of the Ranger's Activities Division and the Division of Interpretation. A daily log of observations is kept by each of the trained staff people and submitted to the Supervisor each month. Then, significant observations are incorporated into the master natural history file. Please see attached form.

Nature seminars continued with an excellent discussion of past and the mangrove forest being presented during August. Discussion leaders were members of the Tennessee State University faculty. These men have studied the forest's past soils for many years and presented a most provoking story. Ten members of the Park staff attended.

Ernest T. Christensen  
Chief Park Naturalist

Enclosure



UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK

and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

September 2, 1962

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for August, 1962

Interpretive Facilities and Planning

Nightly programs were held in the visitor's lounge with an average attendance of 43 visitors per evening or an increase of 20% over the average attendance last month. Morning walks were conducted on Saturday and Sunday mornings throughout the month with good attendance.

Interpretive Services

Naturalist Schiffman was on annual leave from August 6th to August 25th. During his absence naturalists from headquarters and Royal Palm filled in for evening programs on 10 days of the month. Ranger Schesventer conducted one evening program with a showing of the eagle film.

Interpretive contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	31	1, 323
Walks	7	116
Information Desk	22 days	395

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Total 1, 834

Miscellaneous

Regional Naturalist Schultz with son visited in the Flamingo area August 1, 2 and 3. Mr. Schultz was accompanied by Naturalist Schiffman to Snake Bight and Bear Lake on August 2 and on a boat trip to Lake Ingraham and Cape Sable on August 3,

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Mrazek accompanied Biologist Robertson with Berlin Zoo Director Heinz Claus and wife to Oyster Keys and House's Ditch by boat on August 29th. A fine show of shore birds including an Avocet and Hudsonian Curlew and a large flock of white ibis with a solitary spoonbill and one glossy ibis were seen in the flats at House's Ditch at flood tide. Several reddish egrets in the white phase were also seen.

#### Research and Observation

Great White Herons were observed nesting on Catfish and Oyster Keys during the month.

Six immature bald eagles were seen along the roadside opposite the entrance to Mahogany Hammock road on August 22nd. Several of these young birds could be seen with regularity in the Flamingo area.

Mrazek spent several days in the field with Dr. Craighead checking mangrove recovery plots on some of the Florida Bay keys during the month.

  
Vincent J. Mrazek  
Park Naturalist



*Don*  
*Naturalist*  
*Files*

EVERGLADES NATIONAL PARK  
P. O. BOX 279  
HOMESTEAD, FLORIDA

October 5, 1962

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Division of Interpretation Monthly Report, September 1962

Interpretive Services:

Travel to Everglades National Park was in the lowest part of the yearly pattern and somewhat depressed by three factors. Considerable apprehension was in evidence concerning the encephalitis epidemic elsewhere in Florida. Stories of heavy mosquito infestations also seemed to keep people away from the Park and finally there has been a falling off of interest in the Park on the part of people living in the surrounding areas. A program of two daily programs at Royal Palm was maintained throughout the month with an extra program Saturdays and Sundays. Evening talks were regularly scheduled at Flamingo and morning walks were scheduled during the weekends.

Following is a statistical summary of interpretive contacts made during the month:

	Number of Talks	Attendance
Royal Palm	34	844
Flamingo	29	511
Special	1	22
		<u>1377</u>
Talks Outside Area:		
Air Force Pilots		179
Bayan Garden Club		38
Alumni Association		89
		<u>306</u>
Guided Walks:		
Gumbo Limbo	35	535
Flamingo Shoreline	6	38
		<u>573</u>

5492 • J. Neurosci., July 26, 2006 • 26(30):5485–5492

making it

Reference: Division of Information Systems, Bureau of Census, December 1981

There is a large amount of work in the lower part of the series, and the work is being done by the same people who are doing the work in the upper part of the series. The work is being done by the same people who are doing the work in the upper part of the series.

Following is a list of the names of the persons who have been identified as having been in contact with the subject during the period of the investigation.

**Informational Contacts:**

Hq. Visitor Center	3469
Flamingo V.C.	<u>126</u>
	3595

**TOTAL PERSONAL CONTACTS:** 5851

**Manned Interpretive Stations:**

Hq. Visitor Center	3500
Royal Palm V.C.	7300
Flamingo	<u>6200</u>
	17000

**Unmanned Interpretive Facilities:**

Anhinga Trail	11200
Royal Palm	8100
Pinelands Trail	4200
Pa-Hay-Okee	6135
Mahogany Hammock	5309
Mangrove Trail (Closed)	--

**TOTAL** 34944

**TOTAL INTERPRETIVE CONTACTS:**

147795

**Miscellaneous:**

Ranger-Naturalist Mrazek accompanied Drs. Hammer and Dezner, plant physiologists from Venezuela who are studying storm mortality of mangroves, on a boat trip into Coot Bay and Whitewater Bay on September 11th.

Ranger-Naturalist Mrazek accompanied by boat three members of the multi-national communications specialists seminar, organized by the Brandeis University Communication Research Center with the cooperation of the U.S. Department of State to Lake Ingraham and Whitewater Bay on September 15th. The members were: Mr. Watt Seng Koh, Dep. Director of Basic Education, Singapore; Mr. Tadashi Yoshida, Chief of Radio Culture Division, Tokyo, Japan; Mr. Isuo Saito, Specialist in Audio Visual Education, Okayama, Japan.

**Research and Observation:**

About 40 nests of Little Green Herons were discovered along the Homestead Canal between Bear Lake and Gator Lake on Sept. 19th. Young birds were

Informational Summary:  
Mr. William Brown  
Chicago, V.I.

1944  
1945  
1946

1947 TOTAL FISCAL YEAR

Informational Summary:  
Mr. William Brown  
Chicago, V.I.

1947  
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1950

Informational Summary:  
Mr. William Brown  
Chicago, V.I.

1951  
1952  
1953  
1954  
1955

TOTAL

1956

TOTAL FISCAL YEAR

Informational Summary:

Informational Summary:  
Mr. William Brown  
Chicago, V.I.

Informational Summary:  
Mr. William Brown  
Chicago, V.I.

Informational Summary:

Informational Summary:  
Mr. William Brown  
Chicago, V.I.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

observed in various stages of development - from the newly hatched to well feathered fledglings about ready to leave the nests. There were generally two to three young to a nest.

Interpretive facilities and curatorial work has been initiated on the Seminole Indian exhibit and on the exhibit plan for the replacement of the exhibits in the Headquarters Visitor Center.

Special Events:

Assistant Park Naturalist Karraker and Seasonal Naturalist Mary J. Ward were married on September 22nd in Denver, Colo.

Ernst T. Christensen  
Chief Park Naturalist

Copy to: Div. Of Interpretation ✓  
Flamingo

Abstract is written in the form of a summary - some for each section  
on well known subjects - some for each section - some for each section  
were furnished to the Board of Directors.

Information Board: The Board of Directors was a body of five  
members - three elected and two appointed - for the purpose  
of the Board is to administer the Board of Directors.

Board of Directors

Abstracts were furnished to the Board of Directors for the purpose  
of the Board of Directors for the purpose of the Board of Directors.

Board of Directors  
Board of Directors

Board of Directors  
Board of Directors



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

October 1, 1962

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for September, 1962

Interpretive Facilities and Planning

Evening programs were held nightly in the visitors' lounge with generally poor attendance. The average nightly attendance was 17 visitors, or a decrease of 60% under the average attendance last month.

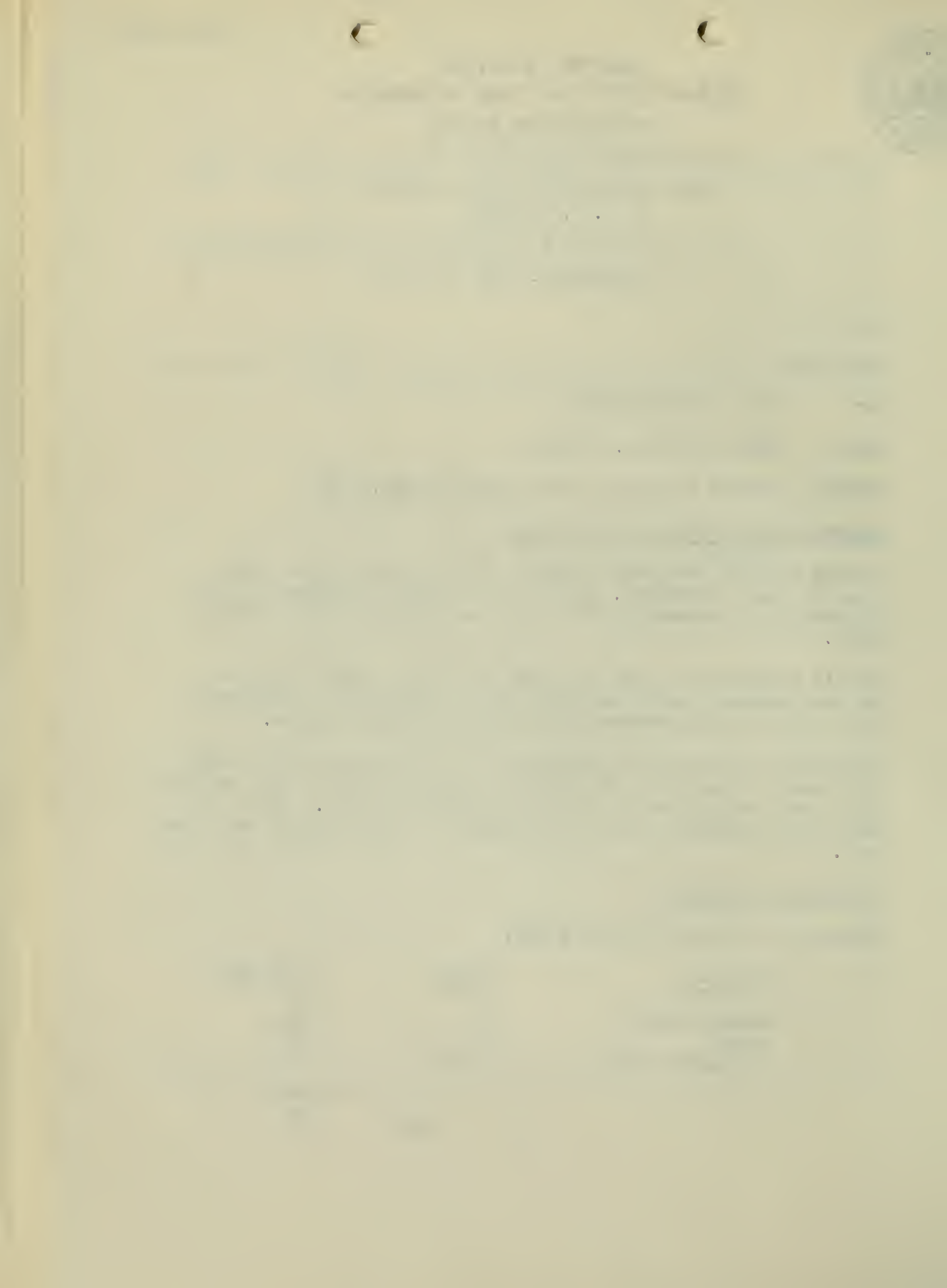
The air conditioner in the visitors' lounge was finally repaired and the resultant cooler and less noisy atmosphere was appreciated by visitors and interpreters alike during evening programs.

The bayshore nature walks scheduled for Saturdays and Sundays were also poorly attended and on four of the days when walks were scheduled during the month there was no show of visitors at all. There is no doubt that September is one of the months of least visitor use in the park.

Interpretive Services

Interpretive contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	29	511
Walks	6	38
Information Desk	16 days	126
Total		675




### Miscellaneous

Mrazek accompanied Drs. Hammer and Gezner, plant physiologists from Venezuela who are studying storm mortality of mangroves, on a boat trip into Coot Bay and Whitewater Bay on Sept 11th.

Mrazek in boat with three members of the multi-national communications specialists seminar, organized by the Brandeis University Communication Research Center with the cooperation of the U.S. Department of State to Lake Ingraham and Whitewater Bay on Sept. 15. The members were :  
Mr. Watt Seng Koh, Deputy Director of Basic Education, Singapore;  
Mr. Tadashi Yoshida, Chief of Radio Culture Division, Tokyo, Japan  
Mr. Isuo Saito, Specialist in Audio Visual Education, Okayama, Japan.

### Research and Observation

About 40 nests of Little Green Herons were discovered along the Homestead Canal between Bear Lake and Cator Lake on Sept. 19th. Young birds were observed in various stages of development; from the newly hatched to well feathered fledglings about ready to leave the nests. There were generally two to three young to a nest.

  
Vincent J. Mrazek  
Park Naturalist

The following information was obtained from the records of the  
Bureau of the Census, Department of Commerce, for the year 1940.

The population of the United States in 1940 was 132,329,000.  
The population of the State of New York was 19,300,000.  
The population of the City of New York was 6,925,000.  
The population of the County of New York was 12,375,000.  
The population of the City and County of New York was 19,300,000.

Source: U.S. Census Bureau, 1940.

The following information was obtained from the records of the  
Bureau of the Census, Department of Commerce, for the year 1940.  
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The population of the County of New York was 12,375,000.  
The population of the City and County of New York was 19,300,000.

*[Faint, illegible text]*

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

November 6, 1962

Memorandum

To: Superintendent, Everglades National Park  
From: Chief Park Naturalist  
Subject: Monthly Narrative Report, October 1962

Interpretive Services

Although Park visitation decreased slightly during the month of the Cuban Crises, attendance at interpretive programs experienced an increase. Visitor interest heightened with the lowering of the water table and the return of small numbers of wading birds to the Park.

On Site Programs

Talks	Number	Attendance
Royal Palm	49	1211
Flamingo	31	632
Special	5	111

Nature Walks

Royal Palm	43	968
Flamingo	6	60
Special	5	111

Off Site Talk

October 9, Bay Shore Womens Club, Miami	48
	<hr/> 3141

Informational Contacts

Royal Palm	4000
Parachute Key	3448
Flamingo	143



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

Self Guiding Trails

Attendance

Anhinga	6000
Gumbo Limbo	4000
Pine Lands	3000
Pa-hay-okee	3395
Mahogany Hammock	3307

Total	27,293
Grand Total	30,434

Interpretive Facilities

Vandalism was responsible for significant damage during October. Trees and wayside signs were destroyed on Gumbo Limbo and Anhinga Trails

Maintenance of fixed audio-visual devices has been assumed by the Division of Maintenance following a directive from the office of the Director. Work progresses on the self guiding interpretive system for the Flamingo area.

Miscellaneous

At the October 11 meeting of the Board of Directors of the Everglades Natural History Association plans were formulated for the annual meeting. Also, the publications program was discussed.

Chief Park Naturalist

DOKarraker:bar





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
And  
FORT JEFFERSON NATIONAL MONUMENT  
P.O. Box 279  
HOMESTEAD, FLORIDA

November 1, 1962

Memorandum

To: Chief Park Naturalist

From: Park Naturalist Schiffman, Flamingo

Subject: Monthly Narrative Report for October, 1962

INTERPRETIVE FACILITIES AND PLANNING

Evening programs were held nightly in the visitors lounge with slightly better attendance than the preceding month. The average nightly attendance was 20.

Interpretive signs for the self guiding trails for the Flamingo area were at last received and the Naturalists in the area have commenced painting them.

Park Naturalist Schiffman worked at Royal Palm one (1) day early in the month, and members of the interpretive staff from headquarters came down to Flamingo to give Evening Talks on fifteen (15) occasions during Park Naturalist Mrazek's annual leave.

Interpretive Services

Interpretive contacts for the month:

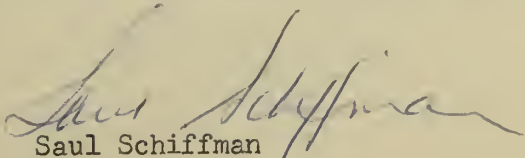
<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	31	632
Walks	6	60
Information Desk	16	143

Miscellaneous

A Five foot rattler was removed from the Motel linen room by Schiffman and Ranger Schesventer, and later released in the back-country.

Don Erskine, Chief Audio-visual Division, WASO, spent a day in the area.

Schiffman and Mrazek made several field trips in the area, by boat and truck.

  
 Saul Schiffman  
 Park Naturalist





# UNITED STATES DEPARTMENT OF THE INTERIOR

## NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P. O. BOX 279  
HOMESTEAD, FLORIDA

April 1, 1962

	SUPERINTENDENT	
	ASST. SUPT.	
	PROTECTION	
	NATURAL HISTORY	
	ADMINISTRATION	
	ENGINEERING	
	PLANNING	
	ACTION BY (No.)	
	PARK FILES	

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Ft. Jefferson

Subject: Monthly Narrative Report for March, 1962

### Interpretive Facilities and Planning

Evening programs continued nightly in the Visitor's Lounge, with a noticeable drop in attendance coincident with the first bad mosquito infestation of the season on or about March 17th. Greater than seating capacity attendance was experienced on 16 evenings during the early part of the month.

An experimental night Auto-cade consisting of 11 cars and 30 visitors was conducted by Naturalist Dick Young to Snake Pond after his evening program on March 25th. Participating visitors expressed enjoyment of the adventure with the exception of the presence of annoying mosquitos. It may be worth while trying such scheduled tours during the mosquito-free winter months.

### Interpretive Services

Interpretive contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	31	3,467
Walks	17	215
Special Talks	1	15
Special Walks	2	60
Special Auto-cades	2	70
Information Desk		881
Total		4,708



## Research and Observation

Noticeable numbers of yellow-tailed kites have brightened the birding for many visitors with their graceful soaring over the everglades and turridane battered mangrove country, this month.

Two or three sandhill cranes could be observed feeding in the transition zone between the salt and fresh water areas near Faurstic Pond during the month.

## Miscellaneous

Wrazek and Schiffman accompanied Bobb Jamison, Florida Fresh Water Fish and Wildlife photographer on a trip to Cape Sable and Lake Ingraham on March 11th.

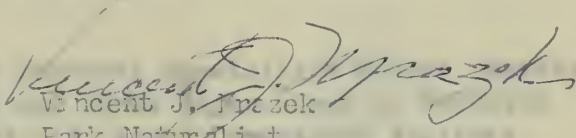
Wrazek accompanied Dr. Makings, plant ecologist, from the University of Utrecht, Netherlands, on a field trip to Shark River March 9th, with Seasonal Naturalist Douglas Adams.

Wrazek conducted a special walk at Wadingo for a group of high school teachers from Oklawaha, Florida on March 11th.

Schiffman conducted a special Auto-ecode of the Flamingo area for the South Florida Audubon Work shop group of forty persons on March 13th. He presented a special talk to a girl about group at Flamingo on the same day.

Wrazek accompanied Dr. Robertson and Dr. Oliver Austin with party of two on a birding trip to Wase's Pith on March 19th. A cove of about 200 Avocets in the lake north of the ditch was most rewarding.

Members of the interpretive staff at Flamingo spent considerable time with Mr. Eugene Schumacher, photographer for the International Congress For The Conservation of Natural Resources, in the field and also with NPS photographer Jack Boucher during his photography in the Flamingo area.

  
Vincent J. Wrazek  
Park Naturalist

Received of the Treasurer of the  
County of [illegible] the sum of [illegible]  
for [illegible]

Witness my hand and seal this [illegible] day of [illegible] 1870

[illegible signature]

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EVERGLADES NATIONAL PARK  
AND  
FORT JEFFERSON NATIONAL MONUMENT

N 2615

P. O. BOX 279  
HOMESTEAD, FLORIDA

December 7, 1962

Memorandum

To: Superintendent

From: Chief Naturalist

Subject: Monthly Narrative Report for November, 1962

Interpretive Services

Despite the Cuban crisis occurrence, visitation to Flamingo held up well, and although guest registration at the lodge was off 30% for the month, evening programs were well attended. The average nightly attendance at these programs was 46 visitors or an increase of 170% over last month.

Naturalist personnel from headquarters and Royal Palm filled in for eight evening programs until the return of Park Naturalist Mrazek from annual leave on November 17th.

A group of graduate students from Florida State University received special assistance during their study of the ecology of the Everglades. Special field trips were led by Naturalists Mrazek and Taylor and collaborator Craighead. An evening seminar on plant ecology was conducted by Naturalist Karraker.

Many guests of the U.S. State Department were given special tours during the month.

Naturalist Schiffman accompanied Italian Economic Specialists Messrs. Mesara and Linberger on a tour of the Bear Lake and Snake Bight areas on November 2nd. Also, Naturalist Schiffman escorted U.S. State Department visitors from Thailand and Cyprus to Bear Lake and Snake Bight on November 12th.

Naturalist Mrazek accompanied Dr. Craighead and Professor Andre F. Clewell, instructor of Botany at the Florida State University, with five students on a tour of the Flamingo area on November 17th. Naturalist Mrazek provided interpretive commentary for a group of six Guatemalan Naval Officers on a boat tour into Whitewater Bay on November 23rd.

STANDARD INDUSTRIAL  
DIVISION  
PORT LANTANA, FLORIDA  
J. O. SMITH  
MEMPHIS, TENNESSEE

7-1111

October 1, 1951

Memorandum

To: Superintendent

From: Chief Metallurgist

Subject: Monthly Review Report on Research, 1951

Investigative Activities

During the month of October, 1951, the following activities were carried out in the laboratory. The work was well planned and executed. The results of the work are being reported in the monthly report.

During the month of October, 1951, the following activities were carried out in the laboratory. The work was well planned and executed. The results of the work are being reported in the monthly report.

A group of five persons, including the Chief Metallurgist, the Superintendent, and three other persons, were present at the meeting. The meeting was held on October 1, 1951, at the Port Lantana, Florida. The purpose of the meeting was to discuss the results of the work carried out during the month of October, 1951.

Very truly yours,  
J. O. Smith

Enclosed for the Superintendent are two copies of the monthly report on research, 1951. The report contains a summary of the work carried out during the month of October, 1951, and a list of the results of the work.

Respectfully,  
J. O. Smith

Hundreds of Army personnel currently stationed in South Florida have attended programs at Royal Palm Visitor Center.

Naturalist Zimmer guided a group of Finnish students on the 5th.

#### On Site Programs

	Number	Attendance
<b>Talks</b>		
Royal Palm	62	1,625
Flamingo	29	1,331
<b>Nature Walks</b>		
Royal Palm	72	1,580
Flamingo	7	147

#### Offsite Talks

November 5 - Ft. Lauderdale Women's Club (Christensen)	66
November 13 - Plymouth Congregational Church (Christensen)	67
November 23 - Collier County Audubon Society (Karraker)	80
November 27 - Florida State University Seminar (Karraker)	20
November 29 - Exchange Club of Bayshore (Christensen)	69

#### Informational Contacts

Parachute Key	5,508
Royal Palm	6,210
Flamingo	162
<b>Total</b>	<b>16,865</b>

#### Self Guiding Trails

Anhinga	7,000
Gumbo Limbo	5,000
Pinelands	3,100
Pa-hay-o-kee	4,522
Mahogany Hammock	4,704
Mangrove Trail	500
<b>Total</b>	<b>24,826</b>
<b>Grand Total</b>	<b>41,691</b>

#### Intrepretive Facilities

The interpretive signs for the self-guiding system at Flamingo were completed this month. The installation of the trail awaits the arrival of posts for mounting the signs and completion of the guide leaflets.

Removal of crop residues and other debris from the field is a necessary part of the preparation of the field for the next crop.

Removal of crop residues and other debris from the field is a necessary part of the preparation of the field for the next crop.

# On the Field

Location	Area	Notes
Field 1	10	Field 1
Field 2	10	Field 2
Field 3	10	Field 3
Field 4	10	Field 4
Field 5	10	Field 5

# On the Field

Field 1	Field 1
Field 2	Field 2
Field 3	Field 3
Field 4	Field 4
Field 5	Field 5

# On the Field

Field 1	Field 1
Field 2	Field 2
Field 3	Field 3
Field 4	Field 4
Field 5	Field 5

# On the Field

Field 1	Field 1
Field 2	Field 2
Field 3	Field 3
Field 4	Field 4
Field 5	Field 5

# On the Field

The following table shows the results of the field work. The results of the field work are shown in the table. The results of the field work are shown in the table.

## Research and Observation

Excellent bird shows were to be seen in the Flamingo and nearby areas this month. Several hundred white pelicans could be seen daily on the spoil bank near the Visitor Center. Hundreds of egrets, and white ibis along with scores of wood ibis and spoonbills were to be seen in the Goot Bay Pond area and Bear Lake canal for several weeks during the month.

A scissor-tailed flycatcher and western kingbird were seen in the employees' residence area during the bird banding project there this month.

Ernst T. Christensen

## Summary

### Date

April 1961

### Number of birds

White Pelican

Wood Ibis

Spoonbill

Great Egret

Western Kingbird

Scissor-tailed Flycatcher

Other birds

Total

Summary and Conclusions

Investigation of the effect of the concentration of the solution on the rate of the reaction between hydrogen peroxide and potassium iodide in the presence of ceric sulfate as a catalyst. The results show that the rate of the reaction increases with the concentration of the solution. The order of the reaction with respect to the concentration of the solution is 1.5.

A kinetic study of the reaction between hydrogen peroxide and ceric sulfate in the presence of potassium iodide as a catalyst. The results show that the rate of the reaction increases with the concentration of the solution. The order of the reaction with respect to the concentration of the solution is 1.5.

References

1. J. H. Goldstein, *J. Am. Chem. Soc.*, **61**, 2155 (1939).
2. J. H. Goldstein, *J. Am. Chem. Soc.*, **62**, 1155 (1940).
3. J. H. Goldstein, *J. Am. Chem. Soc.*, **63**, 1155 (1941).
4. J. H. Goldstein, *J. Am. Chem. Soc.*, **64**, 1155 (1942).
5. J. H. Goldstein, *J. Am. Chem. Soc.*, **65**, 1155 (1943).
6. J. H. Goldstein, *J. Am. Chem. Soc.*, **66**, 1155 (1944).
7. J. H. Goldstein, *J. Am. Chem. Soc.*, **67**, 1155 (1945).
8. J. H. Goldstein, *J. Am. Chem. Soc.*, **68**, 1155 (1946).
9. J. H. Goldstein, *J. Am. Chem. Soc.*, **69**, 1155 (1947).
10. J. H. Goldstein, *J. Am. Chem. Soc.*, **70**, 1155 (1948).

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

January 4, 1963

Memorandum

To: Superintendent, Everglades

From: Chief Park Naturalist

Subject: Monthly Narrative Report, December 1962

Interpretive Services

The easel exhibit on fish has been redone and placed on the Anhinga Trail. The final proof reading of the text of the Ernest Coe exhibit was accomplished. Burned trail labels were replaced on Mahogany Hammock and the Mangrove Trails. Work on the stake and leaflet trail at Flamingo is progressing very well and this interpretive facility will be in operation during the coming winter. The winter schedule of interpretive programs began with five programs daily in the Royal Palm area and campfire programs five nights a week at Long Pine Key Campground. Nature walks are conducted each morning at Flamingo.

Considerable service to special groups was provided during the holidays. A WAE naturalist has been added to the staff at Flamingo; a seasonal naturalist at Royal Palm and an additional Park Guide at the visitor center.

Programs

<u>Talks</u>	<u>Number</u>	<u>Attendance</u>
Royal Palm	92	4,524
Flamingo	30	2,219
<u>Guided Walks</u>		
Anhinga Trail	31	1,638
Gumbo Limbo Trail	62	1,872
Bayshore	18	406
Special - Flamingo	3	310
<u>Roving Contacts</u>		2,000

EVOLUTIONARY NATURAL MUSEUM  
 and  
 PORT JEFFERSON NATIONAL MONUMENT  
 P. O. BOX 113  
 HUNTERDON, VIRGINIA  
 January 1, 1969

Memorandum  
 To: Superintendent, Shenandoah  
 From: John Tate Naturalist  
 Subject: Monthly Narrative Report, December 1968

Interpretive Services

The casual exhibits on the two main floors were placed on the Audubon Trail. The final group of the trail of the exhibit was placed on the trail. Several small exhibits were replaced on the Audubon Trail and the Mangrove Trail. Work on the trail and exhibit trail of Virginia is progressing very well and this comprehensive trail will be in operation during the summer season. The various exhibits of interpretive program began with the program daily in the main hall area and continue through five miles a week of long the day. Because of the winter season, the exhibits were moved to the trail.

Considerable service to special groups was provided during the holidays. A new naturalist has been added to the staff at Shenandoah National Park and an additional tour guide at the visitor center.

Programs

Program	Number	Attendance
Royal Palm	22	4,214
Shenandoah	20	2,114
<u>Guided Tours</u>		
Audubon Trail	11	1,414
George Washington	12	1,414
Shenandoah	18	400
Special - Shenandoah	3	214
<u>Guided Tours</u>		2,600

Not Filled

Manned Interpretive Station

Visitor Center	12,800
Royal Palm	8,400
Flamingo	675

Self-guided Interpretive Trails

Anhinga	15,200
Gumbo Limbo	13,400
Pineland	5,700
Pa-Hay-Okee	6,828
Mahogany Hammock	7,327
Mangrove	5,100

Total 88,399

Ernst T. Christensen

ETChristensen:bar

Interpreting Services

Edward D. Christensen, Director of the Florida Department of Natural Resources, has been named as the first Director of the Florida Department of Natural Resources. He will be responsible for the management and operation of the Florida Department of Natural Resources, which is the largest and most comprehensive natural resource agency in the United States. He will be responsible for the management and operation of the Florida Department of Natural Resources, which is the largest and most comprehensive natural resource agency in the United States.

Interpreting Services for the public

Expense	Amount
Printing Costs	1,110
Salaries	1,000
Travel Costs	1,000
Information Costs	290
Total	3,400

Handed to Government Building

13,400	Visitor Center
8,400	Boys' Club
672	Chicago

Self-aided Institution Totals

13,400	Admission
13,400	General Fund
2,700	Prize Fund
8,400	P. H. Fund
7,337	Mahoney Fund
2,100	Maintenance
<hr/>	
52,737	Total

Board of Directors

ETC/rtstam:par

11  
Nat Files

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 2 79  
HOMESTEAD, FLORIDA

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for December, 1962

Interpretive Facilities and Planning

An accelerated winter schedule of interpretive programs was started on Dec. 15th. Bayshore walks were conducted daily at 8:30 AM with the exception of Saturdays. A wilderness hike down the Pear Lake road starting at 8:30 AM was conducted each Saturday morning beginning Dec. 15th. This hike was very well received and on the three Saturdays the hike was conducted this month a total of 100 visitors participated.

As last year the seating capacity of the Visitor's Lounge was taxed to the utmost from Dec. 22 throughout the holidays. The usual crowds thronged to Flamingo and attended all the interpretive programs in large numbers.

Interpretive Services

Richard L. Cunningham entered on duty as a WAE Seasonal Naturalist on Dec. 15th. Mr. Cunningham has had considerable experience as a research biologist with the National Audubon Society in the Florida Keys. He is, of course, familiar with the natural history of the area and has adapted himself very rapidly to interpretive work.

Interpretive contacts for the month:

<u>Program</u>	<u>Number</u>	<u>Attendance</u>
Evening Talks	30	2,219
Walks	18	406
Special Walks	3	310
Information Desk		675
Total		3,610

THE HISTORY OF THE

REIGN OF HENRY THE SEVENTH

OF ENGLAND

BY JOHN HALLAM

ESQ. OF LINCOLN'S INN

IN TWO VOLUMES

LONDON

Printed by J. JOHNSON, in Pall-mall, near the Theatre-Francoise, and by J. BARNES, in Strand, near the Theatre-Francoise.

1807

THE HISTORY OF THE REIGN OF HENRY THE SEVENTH OF ENGLAND BY JOHN HALLAM ESQ. OF LINCOLN'S INN IN TWO VOLUMES LONDON Printed by J. JOHNSON, in Pall-mall, near the Theatre-Francoise, and by J. BARNES, in Strand, near the Theatre-Francoise. 1807

THE HISTORY OF THE REIGN OF HENRY THE SEVENTH OF ENGLAND BY JOHN HALLAM ESQ. OF LINCOLN'S INN IN TWO VOLUMES LONDON Printed by J. JOHNSON, in Pall-mall, near the Theatre-Francoise, and by J. BARNES, in Strand, near the Theatre-Francoise. 1807

### Miscellaneous

Naturalist Schiffman spent several days in the field birding with Senator and Mrs. Spessard Holland during the month.

Mrazek accompanied a group of 20 ranger aids on an orientation boat tour to Whitewater Bay on Dec. 2.

Mrazek out with U.S. State Dept. guests Mr. Song from Korea and Mr. Lieu from Viet Nam to Bear Lake and Coot Bay on Dec. 4th.

Naturalists Schiffman and Cunningham participated in the Christmas bird count on Dec. 30th.

Special programs were presented to the Timpano Florida Science Study group on Dec. 25th and 26th. There were 125 students in the group.


### Research and Observation

On a trip to Cuthbert Rookery on Dec. 17th 400 wood storks were seen mating, going through courtship performance and carrying nesting material. On a trip later on Dec. 29th, 1,500 wood storks were seen on rookery key and over a hundred and fifty nests were counted.

A scarlet ibis was observed by Naturalist Cunningham and 42 participants in his wilderness hike along the Bear Lake Trail on Dec. 22nd.

A fish kill of many thousands of jacks occurred after the recent cold spell on Dec. 13th. Vultures were having a field day along the Flamingo shores for days afterward.

Snook seemed to bite on anything for several days after the cold spell and people were catching their limits in a matter of a few minutes from the sea walls near the Visitor Center.

  
Vincent J. Mrazek  
Park Naturalist



*[Faint, illegible text, likely bleed-through from the reverse side of the page.]*

*[Handwritten signature or scribble at the bottom left.]*

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

February 6, 1963

Memorandum

To: Superintendent, Everglades  
From: Chief Naturalist, Everglades  
Subject: Monthly Narrative Report, January 1963

Interpretive Facilities

In the Flamingo area, 24 of the numbered guide signs for the Mangroveland Nature Guide were installed along Buttonwood Canal. The Guide pamphlets themselves have been provided for Boat-a-caders.

An exhibit panel to house and interpret the aquarium in the Royal Palm station has been designed and is near completion by Naturalist Taylor.

The peak attendance recorded at the Flamingo evening programs this month is a constant reminder of the need for larger and more suitable facilities for these audio-visual programs. On many nights visitors were unable to get inside the door of the Visitors' Lounge in order to stand for the program.

Interpretive Services

All during January the winter schedule of talks, walks and evening programs has been in full swing. Campfire programs are presented five nights a week at Long Pine Key campground. In addition, each Wednesday a special audio-visual program is given in the Visitor Center auditorium.

Four daily talks and walks at Royal Palm mean that at almost any time of the day, visitors can take in an interpretive program.

In the Flamingo area a guided nature walk occurs each morning. On Saturdays this is an extensive hike up the Bear Lake Road, emphasizing birds and botany. This is becoming one of the most popular of the Park programs.

FLORIDA NATIONAL PARK  
and  
FORT LAUDERDALE NATIONAL MONUMENT  
P. O. BOX 117  
FORT LAUDERDALE, FLORIDA  
February 6, 1961

Memorandum

To: Superintendent, Everglades  
From: Chief Naturalist, Everglades  
Subject: Monthly Narrative Report, January 1961

### Interpretive Facilities

In the Florida area, 14 of the numbered roads along the Everglades National Park were installed along the Florida Canal. The Guide system has been provided for the Florida Canal.

An exhibit panel in the house and interpretive the system in the Florida area has been designed and is now completed by the Florida Canal.

The park attendance reported at the Florida area program this month is a constant record of the need for larger and more suitable facilities for these audio-visual programs. On many days visitors were unable to get inside the door of the Visitor Center to stand for the program.

### Interpretive Services

All during January the Winter schedule of films, talks and evening programs has been in full swing. Complete programs are presented five nights a week at the Pine Key campgrounds. In addition, each Wednesday a special audio-visual program is given in the Visitor Center auditorium.

A daily talks and walks at Royal Palm which is about any time of the day, visitors can take in an interpretive program.

In the Florida area a guided nature walk occurs each month. On Saturdays this is an extensive hike up the Fort Lauder, emphasizing birds and botany. This is becoming one of the most popular of the park programs.



UNITED STATES  
DEPARTMENT OF THE INTERIOR

Number

Attendance

Talks

Royal Palm	149	5078
Flamingo	31	3601
Visitor Center Evening	4	277
Campfire	24	1381
Special talks	12	495
	220	10832

Guided Walks

Anhinga	57	1915
Gumbo Limbo	83	2010
Bayshore	27	415
	167	4340

Roving Contacts

Flamingo	600
Royal Palm	1000
Visitor Center	360
	1960

Manned Stations

Visitor Center Parachute Key	8272
Visitor Center Flamingo	1178
Royal Palm	1800
	11250

Self-operating Stations

Anhinga	25,300
Gumbo Limbo	19,400
Pinelands	8,100
Pa-hay-okee	8,778
Mahogany Hammock	10,097
Mangrove Trail	9,600
	81,275

Talks Outside Area

January 15, Tropical Audubon	60
January 27, Kansas Club, Miami	97
	157

Total

109,814

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

70

1942

1. *Thymus*  
 2. *Origanum*  
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 4. *Urtica*  
 5. *Plantago*  
 6. *Chenopodium*  
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2015-11-10

WILLIAM B. BROWN  
WILLIAM B. BROWN  
WILLIAM B. BROWN

11530

1941-1942

Winston  
Royal Palm  
Visitor Center

Navajo Country

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Special Agent  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for January, 1963

Interpretive Facilities and Planning

The normal let-up in visitor use after the holidays did not occur at Flamingo this year. Attendance at evening programs remained at a peak with the exception of a few evenings. There were many nights when the inadequacy of the seating capacity in the Visitor's Lounge was felt acutely and many visitors were unable to get inside the door. In spite of crowded conditions and poor ventilation and acoustics, visitors unanimously expressed their enjoyment and appreciation for these programs.

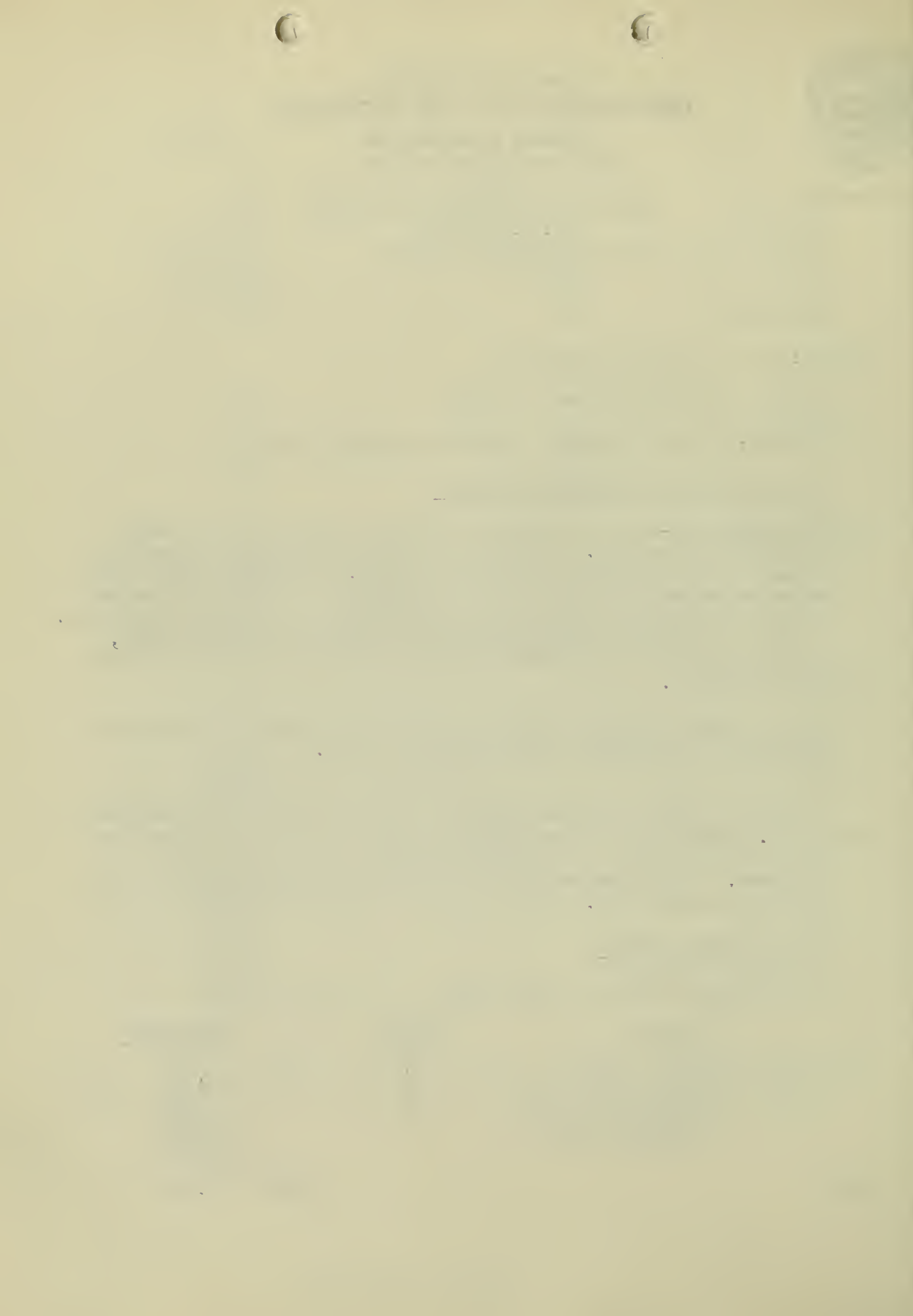
Nature walks, which were conducted each morning, were also very well attended and enjoyed by participating visitors.

24 of the numbered signs for the Mangroveland Nature Guide were installed at their designated locations along the Buttonwood Canal this month. Forty more of these signs are yet to be installed along the Bear Lake Road and the main park road when additional materials are received. A satisfactory method of distributing the leaflets has not yet been decided upon.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            | 3,601             |
| Walks            | 27            | 415               |
| Special Talks    | 2             | 55                |
| Information Desk |               | 1,178             |
|                  | Total         | 5,249             |



### Miscellaneous

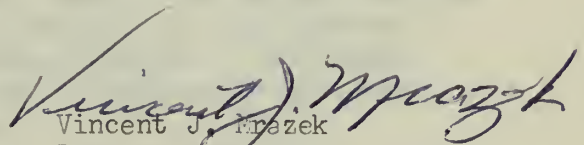
Naturalist Mrazek spent the day of Jan 15th and the morning of Jan 16th with Messrs. Jose Pojan and Albert Bruzual, Venezuelan National Park officials on Mahogany Hammock Trail, Mangrove Trail, Flamingo area, Bear Lake Trail and East River Rookery.

Naturalist Schiffman conducted a campfire program for 30 members of the Athletic Class of South Dade High School on Jan 28th.

Naturalist Cunningham presented a special program on birds to 25 members of the Florida Audubon Society from Maitland, Florida on Jan 12th.

### Research and Observation

Perhaps the most important observation for this report is the successful formation of the Cuthbert and East River Rookeries. If all goes as expected, boat trips for visitor viewing of the Cuthbert Rookery can start sometime after mid-February.

  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

N2615

March 5, 1963

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly Narrative Report, Interpretive Division, February 1963

Interpretive Facilities

Nearly all of the effort of the Naturalist staff was directed at public contact work. A few projects were completed. The turtle exhibit for the Anhinga Trail was redone and relocated. The cabinet for the aquarium exhibit was finished except for the photo transparencies. The Ernest Coe exhibit arrived from the Branch of Museums in Washington and preparations for its installation are in progress.

During the month considerable effort was made to get replacement slides for the rookery exhibit at Flamingo. It is hoped that a set of captioned slides will result.

Interpretive Services

Perhaps the most surprising development of this season in public contact work has been the phenomenal attendance at both campfire programs and the Wednesday evening program in the Visitor Center. Attendance has considerably more than doubled from last year for the same month in face of reduced Park visitation. Talks at both places are given to over capacity audiences consistantly. This is attributed directly to the large population of campers at the Long Pine Key Campground. Very surely much more suitable seating and a capacity at least double the present must be provided before another season.

On Site Programs

| Talks                   | Number | Attendance |
|-------------------------|--------|------------|
| Royal Palm              | 142    | 7,223      |
| Flamingo                | 28     | 4,061      |
| Campfire                | 20     | 2,066      |
| Visitor Center, evening | 4      | 454        |
|                         | 196    | 2,520      |

854

The present case is decided before the court. A party will not be liable for a breach of contract if it is shown that the party was not in a position to perform the contract at the time it was made. In the present case, the court has found that the party was not in a position to perform the contract at the time it was made. Therefore, the party is not liable for a breach of contract.

| Year | Month | Age |
|------|-------|-----|
| 1901 | Jan   | 7   |
| 1902 | Feb   | 8   |
| 1903 | Mar   | 9   |
| 1904 | Apr   | 10  |
| 1905 | May   | 11  |
| 1906 | Jun   | 12  |
| 1907 | Jul   | 13  |
| 1908 | Aug   | 14  |
| 1909 | Sep   | 15  |
| 1910 | Oct   | 16  |
| 1911 | Nov   | 17  |
| 1912 | Dec   | 18  |
| 1913 | Jan   | 19  |
| 1914 | Feb   | 20  |
| 1915 | Mar   | 21  |
| 1916 | Apr   | 22  |
| 1917 | May   | 23  |
| 1918 | Jun   | 24  |
| 1919 | Jul   | 25  |
| 1920 | Aug   | 26  |
| 1921 | Sep   | 27  |
| 1922 | Oct   | 28  |
| 1923 | Nov   | 29  |
| 1924 | Dec   | 30  |
| 1925 | Jan   | 31  |

UNITED STATES  
DEPARTMENT OF THE INTERIOR

| Talks                       | Number     | Attendance     |
|-----------------------------|------------|----------------|
| Special Talks               | 6          | 236            |
| Guided Walks                |            |                |
| Anhinga                     | 67         | 2,022          |
| Gumbo Limbo                 | 80         | 2,488          |
| Bay Shore                   | 26         | 448            |
|                             | <u>373</u> | <u>18,998</u>  |
| Manned Stations             |            |                |
| Visitor Center              |            | 18,125         |
| Royal Palm                  |            | 25,500         |
| Flamingo                    |            | 1,260          |
|                             |            | <u>44,885</u>  |
| Self Guiding Trails         |            |                |
| Anhinga                     |            | 32,100         |
| Gumbo Limbo                 |            | 26,000         |
| Pinelands                   |            | 9,200          |
| Pa-hay-okee                 |            | 10,900         |
| Mahogany Hammock            |            | 13,600         |
| Mangrove                    |            | 9,600          |
|                             |            | <u>100,800</u> |
| Roving Contacts             |            | 7,000          |
| Off-site Talks              |            |                |
| Closed circuit T.V. program |            | 6,000          |
| North Miami Women's Club    |            | 90             |
| Bal Harbor Rotary           |            | 100            |
| West Homestead School       |            | 100            |
| Dorsey Highschool, Miami    |            | 105            |
| Kendall Methodist Church    |            | 18             |
|                             |            | <u>6,413</u>   |
| Total                       |            | 192,136        |

Ernst T. Christensen

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HONESTEAD, FLORIDA

March 3, 1963

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for February, 1963

Interpretive Facilities and Planning

Evening programs were very well attended. Again, as last month, on at least 25 evenings during the month there just was not enough room in the Visitors' Lounge even for standees.

The Mangroveland Trail numbers were all installed along the main park road and Bear Lake road. The numbers along the canal had been installed previously. There still seems to be some confusion as to the method of leaflet distribution. To date, there have been 32 copies sold at the NPS information desk.

Interpretive Services

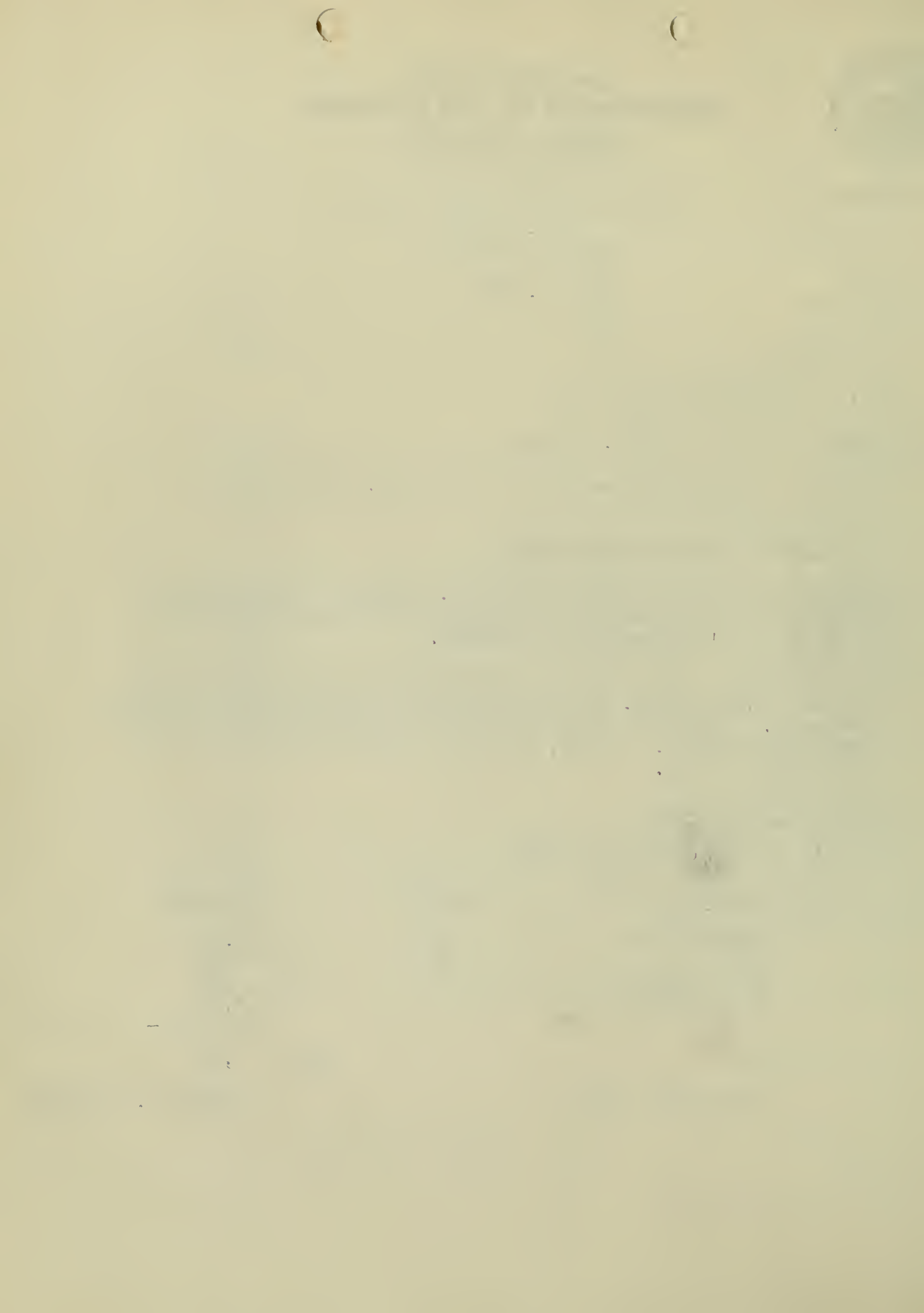
Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 28            | 4,061             |
| Walks            | 26            | 448               |
| Special Talk     | 1             | 36                |
| Information Desk |               | 1,260             |

Total 5,805

Special TV Program

6,000 H.S. Students



## Miscellaneous

Naturalist Mrazek spent 4 days in the field with Mr. Frank Masland, former Chairman of the National Parks Advisory Board and now special advisor on national parks to Sec. Udall. Trips were made to E. River Rookery, Cuthbert Rookery, Shark River and Cape Sable,

Naturalist Cunningham presented a special 15 minute T.V. program on Conservation in South Florida on Channel 17 on Feb. 12th. The program was viewed by 6,000 High School biology students.

Naturalist Mrazek escorted Monsieur and Madam A. Freyens on a tour of the Flamingo area on Feb. 18th. Monsieur Freyes is Commissioner of Belgium National Parks.

Naturalist Cunningham gave a short orientation talk to 36 members of the Coral Gables Garden Club on Feb. 11th.

Naturalist Cunningham accompanied U.S. State Dept guest Mr. Vichien from Thailand on tour of Flamingo area on Feb. 5th.

Naturalist Mrazek spent the day at E. River Rookery with Dade Thornton and Asst Chief Naturalist R. Haugen assisting with photography and transportation.  
*on Feb 28<sup>th</sup>*

## Research and Observation

The E. River and Cuthbert Rookeries seemed to have suffered to some extent from cold and rainy weather. On a trip ~~there~~ <sup>to Cuthbert</sup> on Feb. 19th with Mr. Masland and Biologist Robertson at least 30 black and turkey vultures were seen around the rookery feeding on dead young in the nests.

White ibis, wood storks, Anhingas, Snowy and Common Egrets and Louisiana Herons were seen nesting in Rookery Branch on Feb. 5th. The size of this rookery could not be estimated because of limited visibility from a boat.

  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

N2615

April 5, 1963

Memorandum

To: Superintendent

From: Acting Chief Park Naturalist

Subject: Monthly Narrative Report, Interpretive Division, March 1963

Interpretive Facilities

Naturalist Taylor built a very satisfactory rear projection box that was used at the Homestead Fair. It worked very well, even in bright sunlight. Since it is very portable, it should serve the Park wherever and whenever a display is needed.

The Naturalist staff has just received from the Chief, Branch of Museums, the exhibit plan for the Anhinga and Gumbo Limbo trail shelters at Royal Palm.

Interpretive Services

Chief Naturalist Christensen is at Harper's Ferry attending the first Naturalist training session. He reports a very heavy schedule of work, but is finding it very enjoyable and interesting.

The combination of Mr. Christensen's absence, additional commitments, and continued heavy travel has kept the remaining staff very busy.

The Mangrove Nature Trail Guide leaflets are being sold both at the Visitor Center at Flamingo and at the West Lake boat landing.

Research and Observations

Naturalist Mrazek reports that both Cuthbert and East River Rookeries seem to be holding up normally, although some concern was expressed by biologists about the dwindling food supply due to the rapid drying of the glades and lowered water tables. Taylor Slough is rapidly drying up and there is a considerable increase in the number of alligators around the available

Keywords: *Staphylococcus aureus*; *Staphylococcus epidermidis*; *Staphylococcus saprophyticus*; *Staphylococcus sciuri*

UNITED STATES  
DEPARTMENT OF THE INTERIOR

water. The main pond in front of the Royal Palm Station is now so full of algae that gar fish are not visible unless very close to the surface. Water level along most of the board walk is very low except for a few holes.

Programs

| Talks                   | Number | Attendance |
|-------------------------|--------|------------|
| Royal Palm              | 155    | 6,649      |
| Flamingo                | 31     | 3,661      |
| Campfire & Audio-Visual | 24     | 1,812      |
| Total                   | 210    | 12,122     |

Guided Walks

|             |     |       |
|-------------|-----|-------|
| Anhinga     | 50  | 1,840 |
| Gumbo Limbo | 88  | 2,754 |
| Flamingo    | 30  | 499   |
| Total       | 168 | 5,093 |

|                         |    |       |
|-------------------------|----|-------|
| <u>Special Programs</u> | 19 | 1,114 |
|-------------------------|----|-------|

|                          |   |     |
|--------------------------|---|-----|
| <u>Off-Site Programs</u> | 5 | 230 |
|--------------------------|---|-----|

|                        |  |       |
|------------------------|--|-------|
| <u>Roving Contacts</u> |  | 8,149 |
|------------------------|--|-------|

Manned Interpretive Stations

|                |        |
|----------------|--------|
| Visitor Center | 17,070 |
| Royal Palm     | 25,155 |
| Flamingo       | 1,085  |
| Total          | 43,310 |

Self-Guided Trails

|                  |        |
|------------------|--------|
| Anhinga          | 32,500 |
| Gumbo Limbo      | 27,500 |
| Pa-hay-okee      | 11,592 |
| Mahogany Hammock | 13,251 |
| Mangrove         | 9,489  |
| Total            | 94,332 |

|             |         |
|-------------|---------|
| Grand Total | 164,350 |
|-------------|---------|

Robert T. Haugen





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P. O. Box 279

HOMESTEAD, FLORIDA

April 1, 1963

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for March, 1963

Interpretive Facilities and Planning

Attendance at evening programs began to drop about mid-month due to the decrease in the number of campers which is normally experienced at this time of the year.

The concessioner purchased 550 copies of the Mangroveland Nature Guide leaflets and they were being sold for 10¢ a copy at the Visitor Center and West Lake boat landing, as well as at the naturalists' desk at Flamingo.

Work was begun on replenishing the orchids and bromeliads in the planters near the museum.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>    | <u>Number</u> | <u>Attendance</u> |
|-------------------|---------------|-------------------|
| Evening Talks     | 31            | 3,661             |
| Walks             | 30            | 499               |
| Special Talks     | 3             | 390               |
| Special Auto-cade | 1             | 60                |
| Information Desk  |               | 1,085             |
|                   | Total         | 5,695             |



## Miscellaneous

Naturalist Schiffman presented a program on Park Landscapes to the Welcome Club in Miami Shores on March 5th.

Naturalist Mrazek conducted a special Auto-cade of Tropical Nature Workshop members numbering 12 cars and 60 people from West Lake To Flamingo on March 24th.


Naturalist Schiffman gave a talk on the park to the Temple Israel Men's Club in Miami Beach on March 26th.

Naturalist Schiffman gave a special talk to the Florida Park Personnel Assoc. numbering 40 members on March 28th in the Flamingo Visitor's Lounge.

## Research and Observation

Cuthbert and E. River Rookeries seemed to be holding up normally, although some concern was expressed by biologists about the dwindling food supply due to the rapid drying of the glades and lowered water tables.

Naturalist Mrazek accompanied Dr. Craighead and Sub-District Ranger Wickware on a survey of the Australian Pine infestation on Cape Sable on March 20th.

  
Vincent J. Mrazek  
Park Naturalist

1894

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EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

N2615

May 7, 1963

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly Narrative Report, Interpretive Division, April 1963

Interpretive Facilities

Almost all effort of the interpretive personnel has been devoted to public contact work for the past three and one half months. Only those other projects that were entirely urgent have been undertaken. During the month exhibit plans for the Anhinga and Gumbo Limbo Trails were reviewed. Preliminary steps to accomplish the mural exhibit for the Parachute Key Visitor Center were made. Work was begun to study all nature trail labels with the thought of revising and rewriting antiquated labels.

Interpretive Services

The pattern of travel for the month of April followed the usual pattern of continuing high until Easter and then dropped off. This year, because of a somewhat earlier Easter and the absence of insect pests, travel continued high during the week following Easter and then slumped suddenly. Consequently, the winter schedule of Naturalist activities was continued until the slump occurred. Then a revised summer schedule was instituted.

April travel contained many college students and visiting scientists, and heavy use was made of interpretive facilities and activities.

Special Programs

On April 18, the exhibit depicting the story of how Everglades National Park came into being and the part of Ernest Coe in it, was shown at a special meeting of the Miami Rotary Club. Assistant Superintendent Dodd, Chief Naturalist Christensen and Park Guide Zimmer gave talks at the meeting at which the Rotary Club presented the exhibit to the National Park Service. This exhibit will be installed at the Visitor Center at Parachute Key.



## Programs

| Talks                   | Number | Attendance |
|-------------------------|--------|------------|
| Royal Palm              | 119    | 4,280      |
| Flamingo                | 30     | 2,483      |
| Campfire & Audio-visual | 18     | 570        |

### Guided Walks

|                       |    |              |
|-----------------------|----|--------------|
| Anhinga               | 48 | 1,049        |
| Gumbo Limbo           | 76 | 1,884        |
| Bay Shore & Bear Lake | 23 | 304          |
|                       |    | <u>3,237</u> |
| Special               | 17 | 860          |
| Off-Site              | 3  | 304          |

### Manned Interpretive Stations

|                              |               |
|------------------------------|---------------|
| Parachute Key Visitor Center | 12,936        |
| Royal Palm                   | 18,400        |
| Flamingo Museum              | 17,750        |
|                              | <u>49,086</u> |

### Self-guided Facilities

|                  |               |
|------------------|---------------|
| Anhinga          | 22,900        |
| Gumbo Limbo      | 19,200        |
| Pinelands        | 9,100         |
| Pa-hay-okee      | 8,676         |
| Mahogany Hammock | 16,201        |
| Mangrove Trail   | 13,300        |
|                  | <u>89,377</u> |
| Roving Contacts  | 2,700         |

153,155

Ernst T. Christensen

Program

| Time          | Location             | Attendance |
|---------------|----------------------|------------|
| 8:00 - 8:30   | Registration         | 15         |
| 8:30 - 9:00   | Breakfast            | 25         |
| 9:00 - 9:30   | Orientation & Safety | 30         |
| 9:30 - 10:00  | Guided Tour          | 35         |
| 10:00 - 10:30 | Breakfast            | 40         |
| 10:30 - 11:00 | Guided Tour          | 45         |
| 11:00 - 11:30 | Breakfast            | 50         |
| 11:30 - 12:00 | Guided Tour          | 55         |
| 12:00 - 12:30 | Special              | 60         |
| 12:30 - 1:00  | Off-site             | 65         |
| 1:00 - 1:30   | Refreshments         | 70         |
| 1:30 - 2:00   | Guided Tour          | 75         |
| 2:00 - 2:30   | Breakfast            | 80         |
| 2:30 - 3:00   | Guided Tour          | 85         |
| 3:00 - 3:30   | Breakfast            | 90         |
| 3:30 - 4:00   | Guided Tour          | 95         |
| 4:00 - 4:30   | Breakfast            | 100        |
| 4:30 - 5:00   | Guided Tour          | 105        |
| 5:00 - 5:30   | Breakfast            | 110        |
| 5:30 - 6:00   | Guided Tour          | 115        |
| 6:00 - 6:30   | Breakfast            | 120        |
| 6:30 - 7:00   | Guided Tour          | 125        |
| 7:00 - 7:30   | Breakfast            | 130        |
| 7:30 - 8:00   | Guided Tour          | 135        |
| 8:00 - 8:30   | Breakfast            | 140        |
| 8:30 - 9:00   | Guided Tour          | 145        |
| 9:00 - 9:30   | Breakfast            | 150        |
| 9:30 - 10:00  | Guided Tour          | 155        |
| 10:00 - 10:30 | Breakfast            | 160        |
| 10:30 - 11:00 | Guided Tour          | 165        |
| 11:00 - 11:30 | Breakfast            | 170        |
| 11:30 - 12:00 | Guided Tour          | 175        |
| 12:00 - 12:30 | Breakfast            | 180        |
| 12:30 - 1:00  | Guided Tour          | 185        |
| 1:00 - 1:30   | Breakfast            | 190        |
| 1:30 - 2:00   | Guided Tour          | 195        |
| 2:00 - 2:30   | Breakfast            | 200        |
| 2:30 - 3:00   | Guided Tour          | 205        |
| 3:00 - 3:30   | Breakfast            | 210        |
| 3:30 - 4:00   | Guided Tour          | 215        |
| 4:00 - 4:30   | Breakfast            | 220        |
| 4:30 - 5:00   | Guided Tour          | 225        |
| 5:00 - 5:30   | Breakfast            | 230        |
| 5:30 - 6:00   | Guided Tour          | 235        |
| 6:00 - 6:30   | Breakfast            | 240        |
| 6:30 - 7:00   | Guided Tour          | 245        |
| 7:00 - 7:30   | Breakfast            | 250        |
| 7:30 - 8:00   | Guided Tour          | 255        |
| 8:00 - 8:30   | Breakfast            | 260        |
| 8:30 - 9:00   | Guided Tour          | 265        |
| 9:00 - 9:30   | Breakfast            | 270        |
| 9:30 - 10:00  | Guided Tour          | 275        |
| 10:00 - 10:30 | Breakfast            | 280        |
| 10:30 - 11:00 | Guided Tour          | 285        |
| 11:00 - 11:30 | Breakfast            | 290        |
| 11:30 - 12:00 | Guided Tour          | 295        |
| 12:00 - 12:30 | Breakfast            | 300        |
| 12:30 - 1:00  | Guided Tour          | 305        |
| 1:00 - 1:30   | Breakfast            | 310        |
| 1:30 - 2:00   | Guided Tour          | 315        |
| 2:00 - 2:30   | Breakfast            | 320        |
| 2:30 - 3:00   | Guided Tour          | 325        |
| 3:00 - 3:30   | Breakfast            | 330        |
| 3:30 - 4:00   | Guided Tour          | 335        |
| 4:00 - 4:30   | Breakfast            | 340        |
| 4:30 - 5:00   | Guided Tour          | 345        |
| 5:00 - 5:30   | Breakfast            | 350        |
| 5:30 - 6:00   | Guided Tour          | 355        |
| 6:00 - 6:30   | Breakfast            | 360        |
| 6:30 - 7:00   | Guided Tour          | 365        |
| 7:00 - 7:30   | Breakfast            | 370        |
| 7:30 - 8:00   | Guided Tour          | 375        |
| 8:00 - 8:30   | Breakfast            | 380        |
| 8:30 - 9:00   | Guided Tour          | 385        |
| 9:00 - 9:30   | Breakfast            | 390        |
| 9:30 - 10:00  | Guided Tour          | 395        |
| 10:00 - 10:30 | Breakfast            | 400        |
| 10:30 - 11:00 | Guided Tour          | 405        |
| 11:00 - 11:30 | Breakfast            | 410        |
| 11:30 - 12:00 | Guided Tour          | 415        |
| 12:00 - 12:30 | Breakfast            | 420        |
| 12:30 - 1:00  | Guided Tour          | 425        |
| 1:00 - 1:30   | Breakfast            | 430        |
| 1:30 - 2:00   | Guided Tour          | 435        |
| 2:00 - 2:30   | Breakfast            | 440        |
| 2:30 - 3:00   | Guided Tour          | 445        |
| 3:00 - 3:30   | Breakfast            | 450        |
| 3:30 - 4:00   | Guided Tour          | 455        |
| 4:00 - 4:30   | Breakfast            | 460        |
| 4:30 - 5:00   | Guided Tour          | 465        |
| 5:00 - 5:30   | Breakfast            | 470        |
| 5:30 - 6:00   | Guided Tour          | 475        |
| 6:00 - 6:30   | Breakfast            | 480        |
| 6:30 - 7:00   | Guided Tour          | 485        |
| 7:00 - 7:30   | Breakfast            | 490        |
| 7:30 - 8:00   | Guided Tour          | 495        |
| 8:00 - 8:30   | Breakfast            | 500        |
| 8:30 - 9:00   | Guided Tour          | 505        |
| 9:00 - 9:30   | Breakfast            | 510        |
| 9:30 - 10:00  | Guided Tour          | 515        |
| 10:00 - 10:30 | Breakfast            | 520        |
| 10:30 - 11:00 | Guided Tour          | 525        |
| 11:00 - 11:30 | Breakfast            | 530        |
| 11:30 - 12:00 | Guided Tour          | 535        |
| 12:00 - 12:30 | Breakfast            | 540        |
| 12:30 - 1:00  | Guided Tour          | 545        |
| 1:00 - 1:30   | Breakfast            | 550        |
| 1:30 - 2:00   | Guided Tour          | 555        |
| 2:00 - 2:30   | Breakfast            | 560        |
| 2:30 - 3:00   | Guided Tour          | 565        |
| 3:00 - 3:30   | Breakfast            | 570        |
| 3:30 - 4:00   | Guided Tour          | 575        |
| 4:00 - 4:30   | Breakfast            | 580        |
| 4:30 - 5:00   | Guided Tour          | 585        |
| 5:00 - 5:30   | Breakfast            | 590        |
| 5:30 - 6:00   | Guided Tour          | 595        |
| 6:00 - 6:30   | Breakfast            | 600        |
| 6:30 - 7:00   | Guided Tour          | 605        |
| 7:00 - 7:30   | Breakfast            | 610        |
| 7:30 - 8:00   | Guided Tour          | 615        |
| 8:00 - 8:30   | Breakfast            | 620        |
| 8:30 - 9:00   | Guided Tour          | 625        |
| 9:00 - 9:30   | Breakfast            | 630        |
| 9:30 - 10:00  | Guided Tour          | 635        |
| 10:00 - 10:30 | Breakfast            | 640        |
| 10:30 - 11:00 | Guided Tour          | 645        |
| 11:00 - 11:30 | Breakfast            | 650        |
| 11:30 - 12:00 | Guided Tour          | 655        |
| 12:00 - 12:30 | Breakfast            | 660        |
| 12:30 - 1:00  | Guided Tour          | 665        |
| 1:00 - 1:30   | Breakfast            | 670        |
| 1:30 - 2:00   | Guided Tour          | 675        |
| 2:00 - 2:30   | Breakfast            | 680        |
| 2:30 - 3:00   | Guided Tour          | 685        |
| 3:00 - 3:30   | Breakfast            | 690        |
| 3:30 - 4:00   | Guided Tour          | 695        |
| 4:00 - 4:30   | Breakfast            | 700        |
| 4:30 - 5:00   | Guided Tour          | 705        |
| 5:00 - 5:30   | Breakfast            | 710        |
| 5:30 - 6:00   | Guided Tour          | 715        |
| 6:00 - 6:30   | Breakfast            | 720        |
| 6:30 - 7:00   | Guided Tour          | 725        |
| 7:00 - 7:30   | Breakfast            | 730        |
| 7:30 - 8:00   | Guided Tour          | 735        |
| 8:00 - 8:30   | Breakfast            | 740        |
| 8:30 - 9:00   | Guided Tour          | 745        |
| 9:00 - 9:30   | Breakfast            | 750        |
| 9:30 - 10:00  | Guided Tour          | 755        |
| 10:00 - 10:30 | Breakfast            | 760        |
| 10:30 - 11:00 | Guided Tour          | 765        |
| 11:00 - 11:30 | Breakfast            | 770        |
| 11:30 - 12:00 | Guided Tour          | 775        |
| 12:00 - 12:30 | Breakfast            | 780        |
| 12:30 - 1:00  | Guided Tour          | 785        |
| 1:00 - 1:30   | Breakfast            | 790        |
| 1:30 - 2:00   | Guided Tour          | 795        |
| 2:00 - 2:30   | Breakfast            | 800        |
| 2:30 - 3:00   | Guided Tour          | 805        |
| 3:00 - 3:30   | Breakfast            | 810        |
| 3:30 - 4:00   | Guided Tour          | 815        |
| 4:00 - 4:30   | Breakfast            | 820        |
| 4:30 - 5:00   | Guided Tour          | 825        |
| 5:00 - 5:30   | Breakfast            | 830        |
| 5:30 - 6:00   | Guided Tour          | 835        |
| 6:00 - 6:30   | Breakfast            | 840        |
| 6:30 - 7:00   | Guided Tour          | 845        |
| 7:00 - 7:30   | Breakfast            | 850        |
| 7:30 - 8:00   | Guided Tour          | 855        |
| 8:00 - 8:30   | Breakfast            | 860        |
| 8:30 - 9:00   | Guided Tour          | 865        |
| 9:00 - 9:30   | Breakfast            | 870        |
| 9:30 - 10:00  | Guided Tour          | 875        |
| 10:00 - 10:30 | Breakfast            | 880        |
| 10:30 - 11:00 | Guided Tour          | 885        |
| 11:00 - 11:30 | Breakfast            | 890        |
| 11:30 - 12:00 | Guided Tour          | 895        |
| 12:00 - 12:30 | Breakfast            | 900        |
| 12:30 - 1:00  | Guided Tour          | 905        |
| 1:00 - 1:30   | Breakfast            | 910        |
| 1:30 - 2:00   | Guided Tour          | 915        |
| 2:00 - 2:30   | Breakfast            | 920        |
| 2:30 - 3:00   | Guided Tour          | 925        |
| 3:00 - 3:30   | Breakfast            | 930        |
| 3:30 - 4:00   | Guided Tour          | 935        |
| 4:00 - 4:30   | Breakfast            | 940        |
| 4:30 - 5:00   | Guided Tour          | 945        |
| 5:00 - 5:30   | Breakfast            | 950        |
| 5:30 - 6:00   | Guided Tour          | 955        |
| 6:00 - 6:30   | Breakfast            | 960        |
| 6:30 - 7:00   | Guided Tour          | 965        |
| 7:00 - 7:30   | Breakfast            | 970        |
| 7:30 - 8:00   | Guided Tour          | 975        |
| 8:00 - 8:30   | Breakfast            | 980        |
| 8:30 - 9:00   | Guided Tour          | 985        |
| 9:00 - 9:30   | Breakfast            | 990        |
| 9:30 - 10:00  | Guided Tour          | 995        |
| 10:00 - 10:30 | Breakfast            | 1000       |

Grand T. Conference

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

May 1, 1963

Memorandum

To: Chief Park Naturalist  
From: Seasonal Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for April, 1963

Interpretive Facilities and Planning

Attendance at evening programs and on morning walks continued to decrease due to drop in numbers of campers and Lodge visitors which is normal for this time of year. Maximum monthly attendance occurred from April 11 to April 14 (Easter Sunday) and quickly dropped after the latter date.

Morning walks were reduced to three days a week: Saturday, Sunday, and Tuesday. The Saturday morning Wilderness Hike down the Bear Lake Road was changed to the Bayshore Trail due to excessive heat and an increase in mosquitos.

Naturalist Schiffman finished work on replenishing the orchids and bromeliads in the planters near the museum.

Naturalist Schiffman left on April 24 for two weeks leave.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 30            | 2,483             |
| Walks            | 23            | 304               |
| Special Talks    | 1             | 15                |
| Information Desk |               | 750               |

Total 3,552



### Miscellaneous

Naturalist Mrazek conducted British Air Force Group Captain Reginald Coleman and family to East River Rookery on April 8.

Naturalist Mrazek conducted Mr. J. C. F. Wharton, Deputy Director, Fish and Wildlife Service of Australia to East River Rookery on April 15.

Naturalist Cunningham gave a short talk to a college biology group accompanied by Mr. Durbin Tabb of the University of Miami Marine Laboratory. Talk was given to 15 students on April 27.

### Research and Observation

Naturalists Mrazek and Cunningham visited Sandy Key twice (April 9 and April 23) for purposes of wildlife investigation. Naturalist Cunningham filed a report of observations of ornithological value with the Park Biologist. On the April 23 trip we discovered about 40 to 50 pairs of nesting Louisiana Herons; several nests contained eggs.

Naturalist Mrazek took Fred Truslow to East River Rookery on April 11 for photography purposes.

Naturalists Mrazek and Cunningham began a study of road killed animals along the Main Park road.

Naturalist Cunningham located nest, with 3 eggs, of a Wilson's Plover for a photographic study by Fred Truslow.

*Richard L. Cunningham*  
Richard L. Cunningham  
Seasonal Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

June 5, 1963

Memorandum

To: Superintendent  
From: Chief Naturalist  
Subject: Monthly Narrative Report, Interpretive Division, May, 1963

Revised summer schedule has given staff time to continue work on special projects. Chief Park Naturalist Christensen completed the draft of the Visitor Use Brief. Naturalist Taylor has finished laying out the Loop Trail at Royal Palm. Rita Shields, a local art student working under the direction of the Chief Naturalist is making a series of sketches that will be used on nature trails. Some sixty trail labels have been redone and about forty labels have been replaced.

Interpretive Services

Frequent storms in the area and the usual slump in travel at this time of the year is reflected in the interpretive contacts of this month. Special groups continue to arrive during weekends at Royal Palm. Naturalist Haugen was on annual leave during the first half of the month and Naturalist Mrazek was on emergency leave for two and a half weeks. Naturalist Schiffman was transferred to the Blue Ridge Parkway on May 11.

Research and Observation

The very dry situation at Royal Palm has ended and Taylor Slough is beginning to carry considerable volume of water. Right after the first heavy rain the narrow part of the slough just below the board walk was choked with fish, including some very large bass, apparently waiting for higher water to move out into the glades.

Programs

| Talks                   | Number | Attendance |
|-------------------------|--------|------------|
| Royal Palm              | 67     | 2,150      |
| Flamingo                | 33     | 1,187      |
| Campfire & Audio-visual | --     | ----       |

100

3337

Guided Walks

|             |    |       |
|-------------|----|-------|
| Anhinga     | 36 | 1,065 |
| Gumbo Limbo | 25 | 501   |
| Special     | 14 | 659   |

1566

— 1993 —

To: \_\_\_\_\_

From: Chief Engineer

Received 10 March 2004; accepted 10 May 2004

The following is a list of the names of the persons who were present at the meeting of the Board of Directors of the United States Steel Corporation, held on the 10th day of May, 1906, at the City of New York, New York:

1019275

At the year is reflected in the following table:

was transferred to the New York City Police Department.

7474-00 500 000

The very dry situation of the lake was noted and it was estimated that the water level was about 10 feet below normal. The water was very muddy and the bottom was covered with mud. The water was very muddy and the bottom was covered with mud. The water was very muddy and the bottom was covered with mud.

THE EDITOR

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |
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01/07/2010

1000

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

Number

Attendance

Off-Site Programs

5

387

Manned Interpretive Stations

Parachute Key Visitor Center

7,821

Royal Palm

15,557

Flamingo Museum

9,200

32,578

Self-Guiding Facilities

Anhinga

14,700

Gumbo Limbo

10,300

Pinelands

6,300

Pa-hay-okee

5,701

Mahogany Hammock

5,505

Mangrove Trail

7,500

50,006

Roving Contacts

1,800

Total

90,333

E. T. Christensen

Page 1

Page 2

1915-1916

General Information

Wardenship and Warden  
Wardenship and Warden  
Wardenship and Warden

1917-1918

Wardenship and Warden  
Wardenship and Warden  
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1919-1920

Wardenship

Wardenship and Warden



UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P. O. Box 279  
HOMESTEAD, FLORIDA

June 2, 1963

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for May, 1963

Interpretive Facilities and Planning

Evening programs were continued nightly with light visitor attendance. However, there was an increase of 10% over the attendance at programs for the corresponding month last year.

Morning walks which were scheduled for Sunday, Tuesday and Saturday mornings were poorly attended with "No shows" on 4 of the scheduled days.

Several interpretive markers for the mangroveland self-guiding trail were replaced this month.

Interpretive Services

Naturalist Schiffman was transferred to Blue Ridge Parkway on May 11.

Naturalist Krazek was absent on emergency annual leave for  $2\frac{1}{2}$  weeks this month.

Interpretive personnel from headquarters filled in on many nights for evening programs and ranger personnel on one night.

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            | 1,159             |
| Walks            | 6             | 29                |
| Special Talks    | 2             | 28                |
| Information Desk |               | 390               |
|                  | Total         | 1,606             |



### Miscellaneous

Naturalist Cunningham gave a special museum talk to 20 YMCA Indian Guides from Lake Worth on May 25th.

Naturalist Mrazek gave a museum talk to 8 French Naval officers from Key West on May 30th.

### Research and Observation

Interpretive personnel and the Langrove District Ranger made an evening inspection of sea turtle nesting activity at Cape Sable on May 31st. Several fresh crawls were seen, but no turtles were observed laying eggs during the time of inspection. A great deal of nest predation by raccons was in evidence.

A 7 foot parous female alligator was found in the road just south of Nine Mile Bend, killed by a motor vehicle on the night of May 31st. The carcass was badly mangled and fully developed eggs were found extruded from the body cavity.

Nesting in the East River and Cuthbert Rookeries was near completion and most of the birds had left by the end of the month. Visitor boat trips to Cuthbert Rookery were discontinued on May 19th.

*Vincent J. Mrazek*  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA

July 3, 1963

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive Division Monthly Report - June 1963

The recently completed Ernest Coe exhibit has been installed in the Visitor Center. It presents the history of Everglades National Park in the form of a newspaper and makes for an unusual and interesting display.

Contract for a map of the Park area for the Headquarters assembly room has been given to Russell Smiley, a local artist.

A maintenance crew under the supervision of Charles R. Smith did an excellent job of brushing out the new loop trail at Royal Palm.

Interpretive Services. Travel is picking up again as schools all over the country close. Much of the weekend crowd at Royal Palm still made up of Florida visitors that have been here several times.

Park Naturalist Vincent Mrazek left June 7 for a six month assignment in the Washington office. Mrazek's move made it necessary to reassign Naturalist Taylor to the Flamingo area.

Naturalist Cunningham reports a falloff in attendance of the naturalist programs at Flamingo this month. The heavy mosquito population, no doubt, accounts for some of the drop.

Research & Observation. Dr. Frank Craighead, Park Collaborator, checked a stretch of beach along Cape Sable on June 7 and reported that of 81 turtle nests he located, 76 had been destroyed by raccoons and five by humans. Later reports given verbally indicate that other stretches of beach gave a little more encouraging picture.

Chief Park Naturalist Christensen and Naturalist Haugen were taken to Buzzards Key by Rangers Stokes and Carlson. Fishermen had reported this to be the new roosting place of the white ibis that before Donna roosted



at Duck Rock. From 6:20 pm to about 7:30 pm the party observed some 70,000 birds come to the key. It is hoped that additional protection can be given this area and that also the inspiring sight can be developed into a trip to show Park visitors.

A check of Duck Rock on the way back to Everglades City revealed only a few ibis and probably some 500 frigate birds roosting at this key.

Naturalist Cunningham has recorded seeing a Scarlet Ibis near East Cape.

### Programs

| Talks             | Number           | Attendance         |
|-------------------|------------------|--------------------|
| Royal Palm        | 73               | 2,370              |
| Flamingo          | 42 <sup>15</sup> | 1,781              |
|                   |                  | <u>4,151</u>       |
| Guided Walks      |                  |                    |
| Anhinga           | 22               | 549                |
| Gumbo Limbo       | 37 <sup>54</sup> | 1,079              |
| Special           | 17               | 487 <sup>628</sup> |
|                   |                  | <u>2,115</u>       |
| Off-site Programs | 2                | 160                |

### Manned Interpretive Stations

|                              |               |
|------------------------------|---------------|
| Parachute Key Visitor Center | 9,330 ✓       |
| Royal Palm                   | 15,242 ✓      |
| Flamingo Museum              | 11,046        |
|                              | <u>35,618</u> |

### Self-guiding Facilities

|                  |               |
|------------------|---------------|
| Anhinga          | 13,000        |
| Gumbo Limbo      | 8,400         |
| Pinelands        | 5,900         |
| Pa-hay-okee      | 6,902         |
| Mahogany Hammock | 5,530         |
| Mangrove Trail   | 6,200         |
|                  | <u>51,932</u> |
| Roving Contacts  | 1,430         |

Total 89,606

Ernst T. Christensen



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

July 1, 1963

Memorandum

To: Chief Park Naturalist

From: Seasonal Park Naturalist, Flamingo

Subject: Monthly Narrative Report for June, 1963

Interpretative Facilities and Planning

Evening programs were continued throughout the month with light visitor attendance . There was a total of eight less people attending the evening programs in comparison with June, 1962. No evening talk was given on June 3 due to complete lack of visitor attendance.

Morning walks were scheduled for Saturday, Sunday, and Tuesday mornings and were poorly attended. Fourteen walks were scheduled but park visitors failed to show for six of the walks. Of the four scheduled Tuesday morning walks only one was taken.

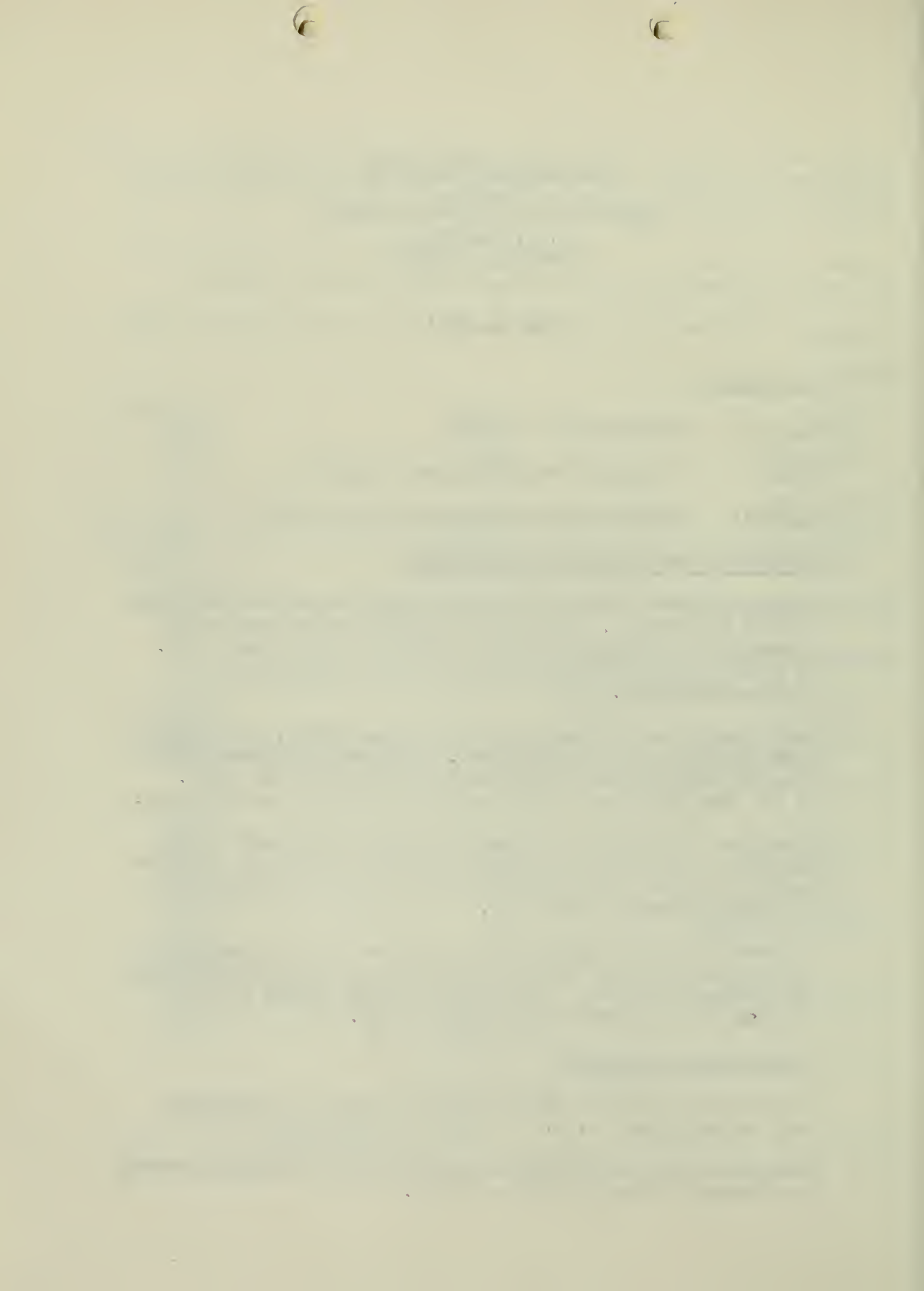
Abundance of mosquitos throughout month, and especially during the first quarter of the month due to lack of spraying, no doubt greatly affected visitor participation in walks and talks and in overall Flamingo visitation.

A Naturalist guided Museum Tour was started on an experimental basis on Saturday and Sunday afternoons to give an added program for Flamingo visitors. Of the six scheduled tours, four were attended with numbers ranging from 4 to 21.

Interpretative Services

Naturalist Brazek left during middle of month for assignment duty in Washington, D. C.

Naturalist Taylor and family moved down from Pine Island keeping the Flamingo Naturalist number at two.



Interpretative contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 29            | 1,081             |
| Morning Walks    | 8             | 57                |
| Special Walks    | 1             | 42                |
| Museum Walks     | 4             | 51                |
| Information Desk |               | <u>550</u>        |
|                  |               | Total 1,781       |

Miscellaneous

Naturalist Taylor gave a special walk for 42 children and adults from the Presbyterian Church of Homestead.

On Monday, June 17 and Tuesday, June 18, Naturalist Cunningham accompanied Ranger Wickware and three German women (Misses Margrette Burgsfaller, Freida Nobakk, and Maryanne Diffoch), who are friends of Senator Holland, to East River Rookery, Lake Ingraham, Cape Sable, and Sandy Key.

Research and Observation

A Scarlet Ibis, probably same one seen in December by Naturalist Cunningham, was seen near East Cape Canal by Ranger Schesventer (date not known).

Two Barn Swallows and 4 Sandwich Terns, all unusual for this time of year, were seen by Naturalist Cunningham on June 18 at Sandy Key and Lake Ingraham.

Richard L. Cunningham  
Seasonal Park Naturalist

THE UNIVERSITY OF CHICAGO  
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EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

August 6, 1963

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive Division Monthly Report - July 1963

General

The water level continues to drop at Royal Palm and is reflected by an increase in the alligator population at Royal Palm.

The contractor has moved into a trailer and is starting construction of trail shelters at Royal Palm.

Lithograph prints have been put into lift devices on the Anhinga Trail and 80 trail labels have been readied for reproduction by the Metal Photo process.

Naturalists Cunningham and Taylor have reported much interest in the new telescope they have at Flamingo. The spoil bank across the channel in Florida Bay has a good bird show at low tide and with the aid of this new scope, the naturalists at the information desk have been able to make many interpretive contacts.

The position of the information desk at Flamingo has been changed to make it easier for visitors and naturalists to make contact as they enter the Visitor Center.

Guided tours of the museum have been initiated on an experimental basis and it has been found that the visitors have responded well and seem to enjoy it.

Seasonal Naturalist Sullivan with the aid of Dr. Craighead is making up a series of plant mounts that will be used for a Layman's Herbarium at Royal Palm. The plants used will be the ones the visitor is most likely to observe.

Because of the intense heat, all guided walks have been on the Gumbo Limbo Trail and none on the Anhinga trail.

1. The first of these is the fact that the Japanese have been able to maintain a high level of industrial production and export earnings, despite the fact that they have been unable to export their own goods. This is due to the fact that the Japanese have been able to export their goods in the form of finished goods, rather than raw materials. This has allowed them to maintain a high level of industrial production and export earnings, despite the fact that they have been unable to export their own goods.

## Programs

| Talks                        | Number | Attendance    |
|------------------------------|--------|---------------|
| Royal Palm                   | 72     | 2,641         |
| Flamingo                     | 31     | 1,485         |
|                              |        | <u>4,126</u>  |
| Walks                        |        |               |
| Anhinga                      | --     | ---           |
| Gumbo Limbo                  | 72     | 1,520         |
| Flamingo                     | 1587   | 258 77        |
| Special                      | 14     | <u>795</u>    |
| Manned Interpretive Stations |        |               |
| Parachute Key Visitor Center |        | 13,569        |
| Royal Palm                   |        | 2,566         |
| Flamingo                     |        | 640           |
|                              |        | <u>16,775</u> |
| Self-Guiding Facilities      |        |               |
| Anhinga                      |        | 14,200        |
| Gumbo Limbo                  |        | 15,300        |
| Pinelands                    |        | 46,800        |
| Pa-hay-okee                  |        | 8,830         |
| Mahogany Hammock             |        | 7,437         |
| Mangrove                     |        | 7,700         |
|                              |        | <u>69,267</u> |
| Offsite Programs             | 3      | 250           |
| Television Programs          | 2      |               |
| Roving contacts              |        | <u>2,831</u>  |
| Total                        |        | 86,822        |

# Inventory

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## Interpretive Services

Chief Park Naturalist Christensen made two special television appearances during July. On July 16, he gave a program on Mammals of South Florida on Channel Two, and July 18, he appeared on the Molly Turner program called Spotlight on Channel Ten. This program dealt with values and problems of Everglades National Park.

Assistant Chief Naturalist Haugen was on a photographic and orientation trip to Fort Jefferson from July 12 to 15.

Ernst T. Christensen



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

RECEIVED  
EVERGLADES  
NATIONAL PARK

August 1, 1963

Memorandum

To: Chief Park Naturalist  
From: Seasonal Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for July, 1963

Interpretive Facilities and Planning

Evening programs were continued throughout the month with an increase of 366 people over July, 1962. This was also an increase of 404 people over June, 1963.

Morning walks were scheduled for Saturday, Sunday, and Tuesday. Of the five Scheduled Tuesday morning walks only one was attended. Saturday morning walks were the most heavily attended, with almost 50% (41 people) of the month's total occurring on this day. The total attendance for morning walks was 15 less than for July, 1962.

The Museum Tour was continued on Saturdays and Sundays at 2:00 P. M. The procurement of the new Bushnell telescope has greatly increased visitor contact. With favorable low tides we are setting up the telescope on the breezeway overlooking the mud flat. This has proved, on the last weekend of the month, to be a natural magnetic appeal for passing Park visitors. On Saturday, July 27, from 2:00 to 3:00 P. M., Park Naturalist Taylor contacted 31 visitors. On Sunday, July 28, Naturalist Cunningham contacted about 100 Park visitors during this time period. This is an excellent method of informal contact, with the opportunity for Park visitors to easily observe Flamingo birdlife and to learn about the Flamingo area. I feel that, especially during the winter season with large numbers of birds present, this system will prove to be very popular and informative for Park visitors. The use of the telescope will of course be dependent upon tidal conditions. On those afternoons of high tides the regular Museum Tour will continue, still providing a scheduled weekend afternoon contact.



(2)

The Naturalist Information desk has been moved from in front of the Naturalist's Office to a position nearer the Museum. We hope to increase visitor contact by this rearrangement.

### Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            | 1,485             |
| Morning Walks    | 8             | 90                |
| Special Walks    | 0             | 0                 |
| Museum Tours     | 7             | 168               |
| Information Desk |               | <u>640</u>        |
|                  |               | 2,383             |

### Miscellaneous

Nothing of a miscellaneous nature seemed to happen at Flamingo during July in the Naturalist division. Perhaps in August!

### Research and Observation

On July 27 Naturalist Cunningham observed a male Black-faced Grassquit at Royal Palm. This is the second record for Everglades National Park of this West Indian species. The first record was that of a female seen at Mahogany Hammock on October 29, 1960, shortly after Hurricane Donna.

On July 28 and July 29, up to three Bald Eagles ( one adult and two immatures) were observed on the mud flat across from the Visitor Center. With the new telescope set up approximately 120 Park visitors were able to see our national bird.

On the evening of July 29 four Roseate Spoonbills were seen on the mud flat across from the Visitor's Center. Records of Barn Swallows, Purple Martins and other migrants were observed by Naturalist Cunningham.

*Richard L. Cunningham*  
Richard L. Cunningham  
Seasonal Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

September 5, 1963

Memorandum

To: Superintendent

From: Acting Chief Park Naturalist

Subject: Interpretive Division Monthly Report - August 1963

General

Richard Cunningham, WAE Naturalist stationed at Flamingo, was terminated August 24. He has done a good job while here and it is hoped he will be returned to duty at the start of the winter season.

Chief Naturalist Christensen is on annual leave visiting his mother and relatives in Colorado and Montana, and plans to return via the southwest.

Park Naturalist Vincent Mrazek returned to duty August 30, after a three months assignment in WASO working with the Bureau of Outdoor Recreation in connection with the Wild Rivers Study.

Park Guide Mrs. Gale Zimmer is on a two week leave, visiting her mother in Colorado.

Staff has been working on improving the set of slides used in the automatic program shown visitors in the Headquarters Visitor Center.

Titled slides have been installed in the rookery exhibit in the Flamingo Visitor Center.

The lift devices and trail labels on the Mangrove Trail have been redone and recently installed.

Mrs. Russell has started the work of indexing and cataloging the books and reprints in the Park library. The new system will make it easier to find books and also to check them in and out to borrowers.

UNITED STATES DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535  
JANUARY 1, 1962

Memorandum

To: Director

From: Acting Chief of Bureau

Subject: INTERPRETING BUREAU'S POLICY - JANUARY 1, 1962

General

Without exception, the Bureau's policy is to remain neutral in all matters. It is not the Bureau's duty to take sides in any controversy. The Bureau's duty is to remain neutral and to provide the facts of the matter.

First National Bank is an equal opportunity lender and is not a discriminatory lender. It is not the Bureau's duty to take sides in any controversy. The Bureau's duty is to remain neutral and to provide the facts of the matter.

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First National Bank is an equal opportunity lender and is not a discriminatory lender. It is not the Bureau's duty to take sides in any controversy. The Bureau's duty is to remain neutral and to provide the facts of the matter.

The water exhibit for Royal Palm station is completed and will be installed once the exhibits for Pine Lands Trail, Anhinga, and Gumbo Limbo trails are taken down and placed in their respective shelters.

Screen doors installed at Royal Palm station have been greatly appreciated by the staff on duty there.

### Research & Observation

15 to 20 alligators hatched in the pond near Gumbo Limbo Trail. A female 'gator is around the area most of the time.

Recent rains have brought the water up in Taylor Slough and in the pond at Royal Palm.

### Travel

Weekend travel at Royal Palm and the Visitor Center slipped through August because of the mosquitos and frequent thunderstorms that either threatened or actually wet down the area.

Evening crowds at the nightly programs at Falmingo continued to be quite large throughout the month.

### Programs

| Talks                        | Number    | Attendance    |
|------------------------------|-----------|---------------|
| Royal Palm                   | 61        | 1,724         |
| Flamingo                     | 35        | 1,527         |
|                              | <u>96</u> | <u>3,251</u>  |
| Walks                        |           |               |
| Gumbo Limbo                  | 52        | 1,204         |
| Flamingo                     | 6         | 49            |
|                              | <u>58</u> | <u>1,253</u>  |
| Specials                     | 10        | 514           |
| Manned Interpretive Stations |           |               |
| Parachute Key Visitor Center |           | 10,581        |
| Royal Palm                   |           | 1,775         |
|                              |           | <u>12,356</u> |
| Self Guiding Facilities      |           |               |
| Anhinga                      |           | 8,200         |
| Gumbo Limbo                  |           | 9,400         |
| Pinelands                    |           | 6,500         |
| Mahogany Hammock             |           | 6,800         |
| Mangrove Trail               |           | 7,100         |
| Pa-hay-okee                  |           | 8,130         |
|                              |           | <u>46,100</u> |
| Off Site                     | 1         | 100           |
| Roving Contacts              |           | 1,844         |
|                              | total     | <u>65,448</u> |

The value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent. The value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent.

There is no doubt that the value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent.

# Exhibit A

It is the policy of the Board to provide for the payment of the same to the estate of the decedent.

The Board has determined that the value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent.

# Exhibit B

The Board has determined that the value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent.

The Board has determined that the value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent.

# Exhibit C

| Item              | Value        | Total        |
|-------------------|--------------|--------------|
| Real Estate       | \$100,000.00 | \$100,000.00 |
| Personal Property | \$50,000.00  | \$150,000.00 |
| Other Assets      | \$50,000.00  | \$200,000.00 |
| Liabilities       | \$50,000.00  | \$150,000.00 |
| Net Assets        | \$150,000.00 | \$150,000.00 |

The Board has determined that the value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent.

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The Board has determined that the value of the property was estimated at \$100,000.00 and the same was included in the estate of the decedent.

LIVERCLADE NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P.O. Box 279  
Homestead, Florida

September 1, 1963

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for August, 1963

Interpretive Facilities and Planning

Evening programs were continued throughout the month with an increase of persons over August, 1962; and an increase of over July, 1963.

The usual morning walks on Tues, Sat., and Sun. were continued, with only of the thirteen attended. The 'museum' talk, on Saturdays and Sundays at 2:00 PM was attended by persons -- most of those attending when the program was given on the breezeway with the aid of the Bushnell telescope.

INTERPRETIVE SERVICES

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            |                   |
| Morning Walks    |               |                   |
| Museum Tours     |               |                   |
| Information Desk |               |                   |
| Specials         | 1             | 24                |

Miscellaneous

A special trip was given to Mr. Fred Minni lately of WJO, newspaper columnist from the Palm Beaches on fish and fishing, to Bear Lake. Mr. Minni caught no fish, but was much impressed by the number of fish hitting -- especially tarpon.

Approximately 8 persons used the key to Snake Bight to observe the birds -- of which there have been a number of roseate spoonbills, white phase reddish egrets, white pelicans, great white herons, and numerous other more common species in evidence there.

Research and Observation

Seasonal Naturalist ~~Cunningham~~ Cunningham has been making regular trips to the Snake Bight area -- his observations have been reported separately.

One bobcat and two kittens have been seen in the campground area.

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EVERGLADES NATIONAL PARK

and  
FORT JEFFERSON NATIONAL MONUMENT

P. O. BOX 279

HOMESTEAD, FLORIDA 33030

October 4, 1963

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive Division Monthly Report - September, 1963

Observation & Research

Nearly 15 inches of rain for the past month has flooded the glades and coastal prairie and brought hundreds of egrets and herons to feed on tadpoles, crawfish, small fish, leeches, and other aquatic life. As an added attraction six to ten Flamingos have regularly been seen near Snake Bight.

In cooperation with Archie Carr's green turtle restoration project, 2800 green turtle hatchlings were released in Florida Bay on the night of September 27. The project was undertaken jointly by Interpretive and Protection personnel under the supervision of the Chief Park Naturalist.

Miscellaneous

On September 14, several members of the Park staff were taken to the Chokoloskee Bird Roost.

A special boat-a-cade was held during month for the Caloosa Cruising Club of Ft. Myers with 12 boats and 43 persons participating.

Curatorial

Approximately 250 plants have been processed and added to the Park's study collection.

A great deal of work has been accomplished on the nature trails. 67 metal-photo labels have been received from Prison Industries and are being installed. These will replace those plastic ones with labels with some life expectancy. The easel labels for the Mahogany Hammock have been refurbished and two exhibits for the Anhinga Trail have been replaced.

Interpretive Services

September as usual, has been a month of light travel. Heavy rainfall and the resulting mosquitos have cut deeply into visitor participation of

INTERNATIONAL BUREAU OF  
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THE INTERNATIONAL BUREAU OF  
THE INTERNATIONAL BUREAU OF

October 1, 1951

Memorandum

To: [illegible]

From: [illegible]

Subject: [illegible]

Introduction

There is a need for a more effective and efficient method of handling the large volume of material which is being received by the Bureau. The present method of handling this material is not satisfactory and it is necessary to find a better method.

In cooperation with the [illegible] Bureau, a study was made of the present method of handling this material. The study was made by [illegible] and [illegible]. The study was made in [illegible] and [illegible]. The study was made in [illegible] and [illegible].

Discussion

On September 14, 1951, a meeting was held in the [illegible] Room. The meeting was attended by [illegible] and [illegible]. The meeting was held in the [illegible] Room.

A special [illegible] was held on September 14, 1951. The special [illegible] was held in the [illegible] Room. The special [illegible] was held in the [illegible] Room.

Conclusion

It is recommended that the [illegible] be [illegible] and [illegible]. It is recommended that the [illegible] be [illegible] and [illegible].

A group of [illegible] has been organized to [illegible] the [illegible] of the [illegible]. The group has been organized to [illegible] the [illegible] of the [illegible]. The group has been organized to [illegible] the [illegible] of the [illegible].

Recommendations

It is recommended that the [illegible] be [illegible] and [illegible]. It is recommended that the [illegible] be [illegible] and [illegible].

in interpretive programs. The use of the spotting scope at Flamingo continues to provide good opportunity for visitor contact.

At Everglades, Ranger Stokes gave an interpretive talk to 18 Exchange Club members, and on another occasion showed the Heritage film to 20 members of the Everglades Lion's Club.

Enclosed is a statistical summary of interpretive contacts for the month.

|                            |    |        |
|----------------------------|----|--------|
| Game Warden                | 12 | 272    |
| Archery                    | 3  | 63     |
| Fishing                    | 2  | 23     |
| Swimming                   | 1  | 172    |
| Model Interpretive Exhibit |    |        |
| Paradise Bay Marine Center |    | 4,540  |
| Key West                   |    | 2,380  |
| Florida                    |    | 1,672  |
|                            |    | 8,592  |
| Boy/Girl Scout Activities  |    |        |
| Boys                       |    | 2,380  |
| Girls                      |    | 2,380  |
| Future Scouts              |    | 1,672  |
| Religious                  |    | 2,380  |
| Improvement                |    | 2,380  |
| Exhibitions                |    | 2,380  |
|                            |    | 11,112 |
| Out-of-state programs      |    | 70     |
| at the park                |    | 812    |
| TOTAL                      |    | 29,640 |

|                            |  |        |
|----------------------------|--|--------|
| Game Warden                |  | 272    |
| Archery                    |  | 63     |
| Fishing                    |  | 23     |
| Swimming                   |  | 172    |
| Model Interpretive Exhibit |  |        |
| Paradise Bay Marine Center |  | 4,540  |
| Key West                   |  | 2,380  |
| Florida                    |  | 1,672  |
|                            |  | 8,592  |
| Boy/Girl Scout Activities  |  |        |
| Boys                       |  | 2,380  |
| Girls                      |  | 2,380  |
| Future Scouts              |  | 1,672  |
| Religious                  |  | 2,380  |
| Improvement                |  | 2,380  |
| Exhibitions                |  | 2,380  |
|                            |  | 11,112 |
| Out-of-state programs      |  | 70     |
| at the park                |  | 812    |
| TOTAL                      |  | 29,640 |

in investigative agencies. The use of the word "agent" is limited to persons who are employed by the Federal Bureau of Investigation.

At present, there is no official definition of the word "agent" in the Bureau of Investigation. The word is used in many different ways.

Incident in a criminal case of kidnapping involves the use of force.

1. The word "agent" is used in many different ways.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK

and

FLYING JEFFERSON NATIONAL MONUMENT

F. O. 344 278

Programs

| Talks      | Number        | Attendance     |
|------------|---------------|----------------|
| Royal Palm | 38            | 437            |
| Flamingo   | <del>27</del> | <del>298</del> |
|            | 65            | 735            |

| Walks       | Number | Attendance |
|-------------|--------|------------|
| Gumbo Limbo | 28     | 278        |
| Anhinga     | 4      | 42         |

|          |              |               |
|----------|--------------|---------------|
| Flamingo | <del>6</del> | <del>21</del> |
| Specials | 55           | 193           |

Manned Interpretive Stations

|                              |                  |
|------------------------------|------------------|
| Parachute Key Visitor Center | 4,549            |
| Royal Palm                   | 2,660            |
| Flamingo                     | 1,272            |
|                              | <del>8,481</del> |

Self Guiding Facilities

|             |                  |
|-------------|------------------|
| Anhinga     | 2,900            |
| Gumbo Limbo | 3,500            |
| Pinelands   | 5,000            |
| Mahogany    | 6,400            |
| Mangrove    | 6,900            |
| Pa-hay-okee | 3,965            |
|             | <del>5,665</del> |

Off-site programs

2

150

Revolving contacts

475

TOTAL

39,040

Interpretive Services

Interpreted contacts for the month

| Program          | Number | Attendance |
|------------------|--------|------------|
| Evening Talks    | 21     | 298        |
| Morning walks    | 6      | 42         |
| Information Desk |        | 278        |
| Total            |        | 598        |

Miscellaneous

Several changes in interpretive personnel assigned to Flamingo occurred during this month. Seasonal Naturalist Cameron Jones' 120-day assignment was completed and he was replaced by Seasonal Naturalist Kenneth Morgan.

1103

at Yonkers

Y. Nagayama

26703



UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and

FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279

HOMESTEAD, FLORIDA

October 1, 1963

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for September, 1963

Interpretive Facilities and Planning

Evening programs were continued nightly with the exception of one cancellation and two evenings with no one in attendance. The lowest attendance for this month of the year was recorded since the programs were begun on a nightly basis. This can be attributed to a heavy infestation of mosquitoes and several weeks of rainy weather. The same applies to the poor showing at morning walks which were scheduled for Saturdays and Sundays.

Excellent results in visitor contact continued with the use of the spotting scope from the Visitor Center breezeway on weekends. The scope was set up during periods when concentrations of birds could be seen on the spoil banks nearby.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 27            | 298               |
| Morning walks    | 6             | 21                |
| Information Desk |               | 272               |
|                  | Total         | 591               |

Miscellaneous

Several changes in interpretive personnel assigned to Flamingo occurred during this month. Seasonal Naturalist Cunningham's 180 day assignment was completed and he was replaced by Seasonal Naturalist Kenneth Morgan.




Naturalist Taylor took annual leave upon the return of Naturalist Mrazek from a Washington D. C. assignment and annual leave on Sept. 22nd. At the end of the month it was Mrazek and Morgan holding the fort with Taylor on leave.

#### Research and Observation

15 inches of rain for the month caused a flooding of the coastal prairie around Flamingo and brought in hundreds of egrets and herons and some spoonbills to feed on the tadpoles, frogs and small fish that appeared in the flooded areas. As an added attraction, from six to ten flamingos were seen with regularity in the Snake Bight area during the month.

About 3,000 hatchling green turtles that were received by air from Archie Carr's Honduras Hatcheries were released in Florida Bay on the night of September 27. The project was undertaken jointly by interpretive and protection personnel under the supervision of the Chief Park Naturalist.

  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P. O. BOX 279

HOMESTEAD, FLORIDA 33030

November 6, 1963

N26

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report for October 1963

General

Regional Chief of Interpretation, J. C. Harrington, spent several days in Headquarters with Chief Park Naturalist Christensen and the remaining part of his stay in the Flamingo and Everglades City area.

Ranger Naturalist Taylor returned from annual leave on October 11, and Ranger Naturalist Morgan was furloughed October 19.

Training sessions were held during the afternoons of the 16th and 17th, with the entire interpretive staff attending.

Considerable planning has gone into making arrangements for the 1,000 Audubon Society conventioners who will make a field trip into the Park November 12.

Material is being gathered for the displays that will be used at West Lake and Royal Palm in the new exhibit shelters.

The Maintenance Division has painted the benches at Royal Palm station.

Research & Observation

In spite of what appeared to be a very good supply of water, the water level has dropped very fast.

Many birds are still to be observed around the ponds at Headquarters and wildlife abounds on the Park road.

Travel

Travel increased slightly over September. October is usually a slow month, but because of the cancelling of four programs during the hurricane alert, attendance at evening programs was less than October of last year. However, with fine weather and an abatement of the mosquito infestation,

WYOMING DEPARTMENT OF GAME AND FISHERIES  
SALT LAKE CITY, UTAH  
F. O. BOX 274  
HONOLULU, HAWAII 96809  
November 3, 1961

Memorandum

To: Superintendent  
From: Chief Game Warden  
Subject: Monthly narrative report for October 1961

General

National Chief of Investigation, J. G. Harrington, spent several days in Headquarters with Chief Game Warden and the remaining part of his stay in the morning and afternoon only.

Ranger Warden Taylor returned from annual leave on October 11, and Ranger Warden Hogan was assigned October 19.

Training sessions were held during the afternoon of the 14th and 15th with the entire membership well attending.

Considerable planning was done with arrangements for the 1,000 Audubon Society convention who will have a three day stay in the November 11.

Material is being gathered for the display room will be used at 1000 Lake and Royal Lake in the new exhibit building.

The Maintenance Division has painted the windows at Salt Lake Division.

Research & Observation

In spite of what appeared to be a very good supply of birds, the total level has dropped very fast.

Many birds are still to be observed around the ponds at Headquarters and wildlife abounds on the Park road.

Travel

Travel increased slightly over September. However it usually a slow month, but because of the cancelling of last year's hunting the last year, after, attendance at evening program was less than October of last year. However, with the weather and an abundance of the mountain lake fishing,

# UNITED STATES

attendance at individual programs increased during the latter part of the month.

Below is the breakdown of visitor contacts for the month.

## Programs

|             | Number    | Attendance   |
|-------------|-----------|--------------|
| Talks       |           |              |
| Royal Palm  | 62        | 1,096        |
| Flamingo    | 26        | 728          |
|             | <u>48</u> | <u>1,824</u> |
| Walks       |           |              |
| Gumbo Limbo | 34        | 476          |
| Anhinga     | 43        | 569          |
| Flamingo    | 5         | 62           |
|             | <u>82</u> | <u>1,107</u> |
| Specials    | 6         | 161          |

## Manned Interpretive Stations

|                              |       |
|------------------------------|-------|
| Parachute Key Visitor Center | 4,355 |
| Royal Palm                   | 8,200 |
| Flamingo                     | 9,340 |

## Self Guiding Facilities

|                  |       |
|------------------|-------|
| Anhinga          | 8,300 |
| Gumbo Limbo      | 7,200 |
| Pinelands        | 3,200 |
| Mahogany Hammock | 3,310 |
| Mangrove         | 3,210 |
| Pa-hay-okee      | 3,287 |

## Off Site

## Roving Contacts

## Total

56,496

## Interpretive Services

Interpretive services for the month

| Program           | Ernst T. Christensen | Attendance |
|-------------------|----------------------|------------|
| Evening Talks     |                      | 720        |
| Morning Talks     |                      | 40         |
| Information Booth |                      | 90         |
| Total             |                      | 1,150      |

attendance at individual programs during the latter part of the month.

Below is the schedule of special events for the month:

Programs

|       |       |              |
|-------|-------|--------------|
| 10/20 | 10/20 | Talks        |
| 10/21 | 10/21 | Royal Fair   |
| 10/22 | 10/22 | Flamingo     |
| 10/23 | 10/23 | Walls        |
| 10/24 | 10/24 | Comedy Limbo |
| 10/25 | 10/25 | Antiques     |
| 10/26 | 10/26 | Flamingo     |
| 10/27 | 10/27 | Flamingo     |
| 10/28 | 10/28 | Flamingo     |
| 10/29 | 10/29 | Flamingo     |
| 10/30 | 10/30 | Flamingo     |

Special Entertainment Events

|       |       |          |
|-------|-------|----------|
| 10/20 | 10/20 | Flamingo |
| 10/21 | 10/21 | Flamingo |
| 10/22 | 10/22 | Flamingo |
| 10/23 | 10/23 | Flamingo |
| 10/24 | 10/24 | Flamingo |
| 10/25 | 10/25 | Flamingo |
| 10/26 | 10/26 | Flamingo |
| 10/27 | 10/27 | Flamingo |
| 10/28 | 10/28 | Flamingo |
| 10/29 | 10/29 | Flamingo |
| 10/30 | 10/30 | Flamingo |

Self-Guided Activities

|       |       |          |
|-------|-------|----------|
| 10/20 | 10/20 | Flamingo |
| 10/21 | 10/21 | Flamingo |
| 10/22 | 10/22 | Flamingo |
| 10/23 | 10/23 | Flamingo |
| 10/24 | 10/24 | Flamingo |
| 10/25 | 10/25 | Flamingo |
| 10/26 | 10/26 | Flamingo |
| 10/27 | 10/27 | Flamingo |
| 10/28 | 10/28 | Flamingo |
| 10/29 | 10/29 | Flamingo |
| 10/30 | 10/30 | Flamingo |

Off Site

|       |       |          |
|-------|-------|----------|
| 10/20 | 10/20 | Flamingo |
| 10/21 | 10/21 | Flamingo |
| 10/22 | 10/22 | Flamingo |
| 10/23 | 10/23 | Flamingo |
| 10/24 | 10/24 | Flamingo |
| 10/25 | 10/25 | Flamingo |
| 10/26 | 10/26 | Flamingo |
| 10/27 | 10/27 | Flamingo |
| 10/28 | 10/28 | Flamingo |
| 10/29 | 10/29 | Flamingo |
| 10/30 | 10/30 | Flamingo |

Leaving Company

|       |       |          |
|-------|-------|----------|
| 10/20 | 10/20 | Flamingo |
| 10/21 | 10/21 | Flamingo |
| 10/22 | 10/22 | Flamingo |
| 10/23 | 10/23 | Flamingo |
| 10/24 | 10/24 | Flamingo |
| 10/25 | 10/25 | Flamingo |
| 10/26 | 10/26 | Flamingo |
| 10/27 | 10/27 | Flamingo |
| 10/28 | 10/28 | Flamingo |
| 10/29 | 10/29 | Flamingo |
| 10/30 | 10/30 | Flamingo |

Total

|       |       |          |
|-------|-------|----------|
| 10/20 | 10/20 | Flamingo |
| 10/21 | 10/21 | Flamingo |
| 10/22 | 10/22 | Flamingo |
| 10/23 | 10/23 | Flamingo |
| 10/24 | 10/24 | Flamingo |
| 10/25 | 10/25 | Flamingo |
| 10/26 | 10/26 | Flamingo |
| 10/27 | 10/27 | Flamingo |
| 10/28 | 10/28 | Flamingo |
| 10/29 | 10/29 | Flamingo |
| 10/30 | 10/30 | Flamingo |

Source: B. Chalmers



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

November 2, 1963

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for October, 1963

Interpretive Facilities and Planning

Evening programs were interrupted for four nights during the hurricane watch for "Flora" and consequently the monthly attendance fell below average for the month, normally a slow month. However, the attendance picked up considerably with unseasonably pleasant weather and an abatement in the mosquito infestation during the latter half of the month.

A boat-a-cade route through Hell's Bay and Blue Creek was explored by the Asst. Chief Naturalist, the district naturalist and district ranger on Oct. 29th. A landing was made on Palm Key in Florida Bay to investigate the possibility of making this an interpretive stop on a naturalist led boat-a-cade into the Snake Bight area. Ranger Cunningham, who is expected to participate in leading the boat-a-cade also accompanied the group.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 26            | 728               |
| Morning Walks    | 5             | 62                |
| Information Desk |               | 341               |
|                  | Total         | 1,131             |



### Miscellaneous

The naturalists attended a training program on the 16th and 17th of this month at Headquarters.

Regional Chief of Interpretation J.C. Harrington visited in the area on Oct. 27 and 28th. He and Mrs. Harrington and Mrs. Burroughs were taken on a boat excursion to Rookery Branch and Avocado Creek accompanied by the district ranger and district naturalist.

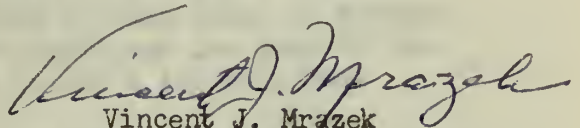
Naturalist Taylor returned from annual leave on Oct. 11th and Naturalist Morgan was furloughed on the 19th.

Richard L. Cunningham entered on duty as Career Conditional Park Ranger and is helping out with the interpretive program part of the time at Flamingo.

### Research and Observation

The white pelicans were back in their usual numbers and could be seen almost daily on the spoil banks near the Visitor Center during low tides.

At least four doe deer were known to have been killed along the park road by speeding cars during the month. Apparently they were driven to the roads and road shoulders by the high water in the glades.

  
Vincent J. Mrázek  
Park Naturalist



Report to the Station is on **EVERGLADES NATIONAL PARK** and **FORT JEFFERSON NATIONAL MONUMENT**

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P. O. BOX 279

**HOMESTEAD, FLORIDA 33030**

December 3, 1963

**Memorandum**

**To: Superintendent**

**From: Chief Park Naturalist**

**Subject: Monthly narrative report for November, 1963 and Acknowledgments, Allegiance and Loyalty to the Park, and some other things to be discussed General**

Large groups and off-site programs kept the interpretive staff busy this month over and above the increase in travel as the bugs decreased and the days cooled.

Chief Park Naturalist Christensen gave a talk in Miami to members of the Audubon Convention numbering some 1200 and showed the group the Park movie, Highlights of the Everglades.

One of the high points of this month's visitation was the Audubon Convention Field trip which came to the Park in nine buses on November 12. It took all hands of the interpretive staff and the help of the ranger and maintenance staffs but we feel it was a job well done.

Three hundred and nine junior high school children from an all colored school in Miami came to the Park November 22. This was very close to the total Audubon group of 400. Again the rangers gave us assistance directing the buses. The entire group ate lunch in the picnic area at Long Pine Key after their walks and talks at Royal Palm. Chief Park Naturalist Christensen took members of the South Dade Biology class to Seven Mile Tower on November 30.

Demands for off-site talks are increasing. Four audiences were in the 400 to 1200 range. Naturalist Sloane had an interesting experience of giving an off-site talk to a group of blind people.

All members of the staff that could be spared from public contact attended the one day session of the Superintendent's Administrative School.

A very noticeable drop in visitation occurred during the weekend of November 22.

WESTERN NATIONAL MUSEUM  
P.O. BOX 178  
WASHINGTON, D.C. 20044

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December 1, 1963

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report for November, 1963

General

Large groups and off-site programs were the major activity of the month. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000.

Chief Park Naturalist's report for the month of November, 1963. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000.

One of the high points of this month's visitation was the Audubon Convention held at the museum. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000.

Three hundred and nine people high school children from all colleges school in Miami came to the Park November 12. They saw very close to the total Audubon group of 400. Again the program was of high quality directing the museum. The entire group was taken to the museum and back to the hotel. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000.

Seventy-five people from the University of Miami came to the museum November 13. They saw very close to the total Audubon group of 400. Again the program was of high quality directing the museum. The entire group was taken to the museum and back to the hotel. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000.

All members of the staff that could be spared from public contact attended the one day session of the Superintendent's Administrative School. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000.

A very notable low in visitation occurred during the weekend of November 12. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000. The number of visitors to the museum was 10,000. The number of visitors to the off-site programs was 1,000.

UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Royal Palm Station is now much improved by the efforts of the maintenance division who have painted the museum section of the station, the garbage cans, drinking fountain and benches.

The new shelters on the trails are completed except for the final clean up by the contractor. Maintenance has installed the slough exhibit in the shelter on the Anhinga Trail. Workmanship on these shelters is exceptional. They are an excellent addition to the Park.

The Flamingo naturalists are experiencing a very heavy attendance at their evening programs, with one evening 190 persons trying to get into the room.

Research & Observation

Excellent bird shows are to be found at Coot Bay Pond and Anhinga Trail. Alligators are coming to Royal Palm. The water seems to be dropping very fast.

Programs

| <u>Talks</u> | <u>Number</u> | <u>Attendance</u>  |
|--------------|---------------|--------------------|
| Royal Palm   | 69            | 2,204              |
| Flamingo     | 29            | 2,471              |
| Walks        | 98            | 4,675              |
| Anhinga      | 39            | 1,096              |
| Gumbo Limbo  | 45            | 1,062              |
| Flamingo     | 9             | 1167               |
| Specials     | 8             | 2898 <sup>25</sup> |

Manned Interpretive Stations

|                              |        |
|------------------------------|--------|
| Parachute Key Visitor Center | 7,743  |
| Royal Palm                   | 13,800 |
| Flamingo                     | 15,585 |

Self-guiding facilities

|                  |        |
|------------------|--------|
| Anhinga          | 37,126 |
| Gumbo Limbo      | 15,787 |
| Pinelands        | 12,160 |
| Mahogany Hammock | 5,400  |
| Mangrove         | 6,300  |
| Pa-hay-okee      | 5,400  |
| Off-site         | 6,384  |
| Roving Contacts  | 2,893  |
|                  | 3,945  |

Total 103,295

Total 3,758

Estimate (Tigert)

530

Royal Palm Station is now being improved by the removal of the sandstone division who have patented the sandstone section of the station. The station can be driving forward and back.

successful. They are an essential addition to the diet. In the studies we have reported, it has been suggested that up to the contrary. Mammals are usually the group which The new studies on the birds are limited solely to the level of

The Village residents are experiencing a very heavy attendance at their evening program, with one evening the parents trying to get into the room.

Page 1 of 1

With last.  
Alligator are found on Caye Palm. The water tends to be deepening  
Excellent bird viewing can be found at Caye Palm Road and Highway 2500.

| Category       | Amount          | Total           |
|----------------|-----------------|-----------------|
| Travel         | 100.00          |                 |
| Meals          | 50.00           |                 |
| Transportation | 25.00           |                 |
| Hotel          | 75.00           |                 |
| Telephone      | 10.00           |                 |
| Postage        | 5.00            |                 |
| Printing       | 15.00           |                 |
| Supplies       | 20.00           |                 |
| Medical        | 30.00           |                 |
| Insurance      | 40.00           |                 |
| Utilities      | 60.00           |                 |
| Security       | 80.00           |                 |
| Food           | 90.00           |                 |
| Entertainment  | 10.00           |                 |
| Gifts          | 15.00           |                 |
| Charitable     | 20.00           |                 |
| Religious      | 25.00           |                 |
| Political      | 30.00           |                 |
| Professional   | 35.00           |                 |
| Personal       | 40.00           |                 |
| Other          | 45.00           |                 |
| <b>Total</b>   | <b>1,000.00</b> | <b>1,000.00</b> |



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

December 1, 1963

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for November, 1963

Interpretive Facilities and Planning

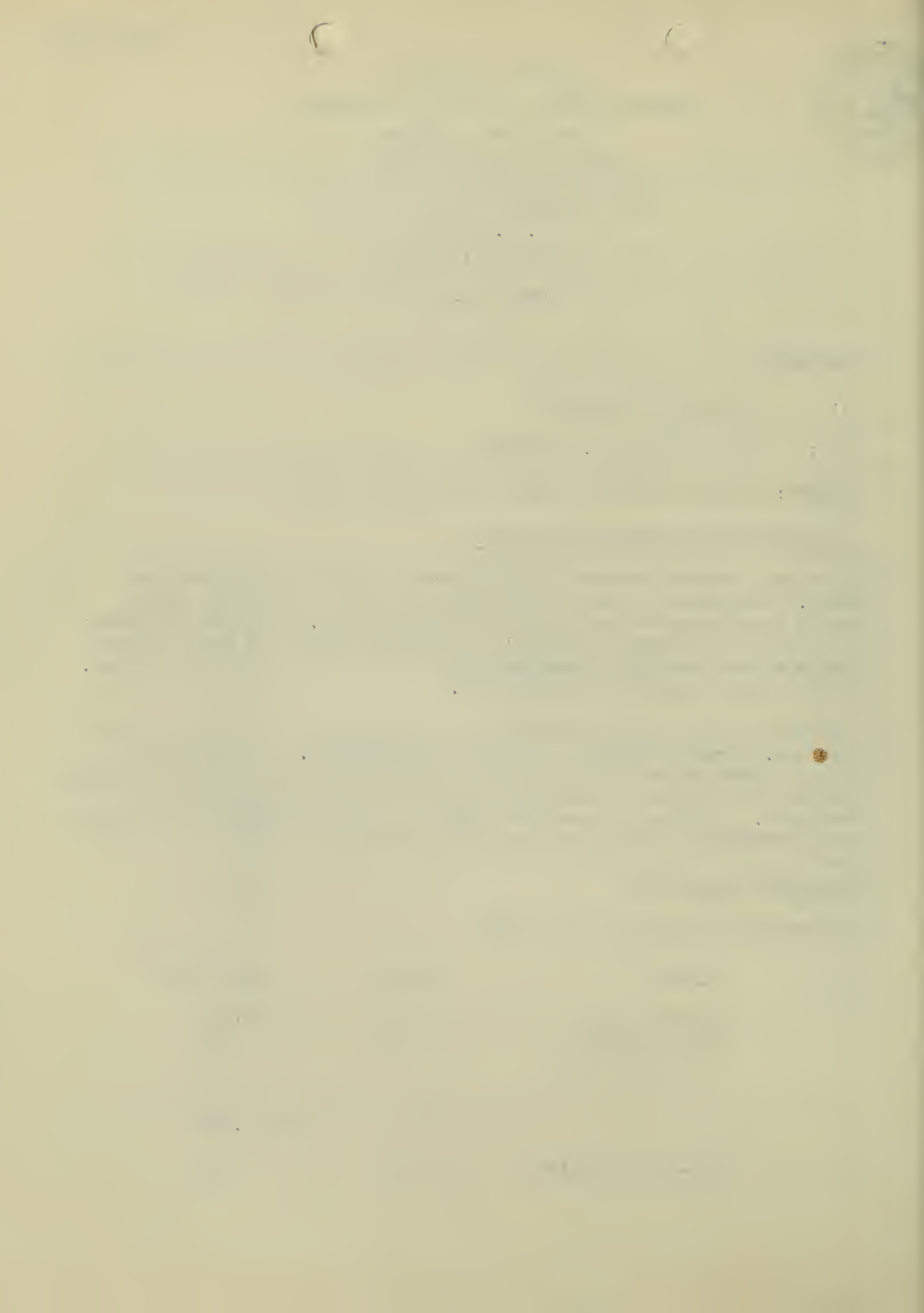
There was a marked increase in attendance at evening programs this month. Attendance figures were triple that of last month and nearly double the attendance for the same month last year. A record attendance of 190 visitors packed the grossly inadequate capacity of the Visitors Lounge on the evening of November 29th during the Thanksgiving holidays. Morning walks also were well attended.

The planters in the lobby outside the museum have been a problem for some time now. Orchids placed on exhibit soon disappear. Glassing in the planters seems to be the only means of preventing the stealing of orchids, however, this cannot be accomplished until the necessary funds become available. An effort is now being made to stock the planters with plants less desirable to collectors, such as bromeliads and cacti.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>    | <u>Number</u> | <u>Attendance</u> |
|-------------------|---------------|-------------------|
| Evening Talks     | 29            | 2,471             |
| Morning Walks     | 9             | 167               |
| Information Desk  |               | 630               |
|                   |               | <hr/>             |
|                   |               | Total 3,268       |
| Off-site (Taylor) | 2             | 630               |



## Miscellaneous

The Flamingo naturalists assisted with the successful visit of 10 bus loads of members of the National Audubon Society Convention, during their visit in the park on November 12.

Naturalist Mrazek accompanied Lord and Lady Beadle of S. Rhodesia (guests of the State Dept.) on a tour of Pa-hay-O-kee and Mahogany Hammock on November 5.

Naturalist Taylor presented two off-site programs in Miami during the month.

Naturalist Mrazek participated in the annual Administrative Training Conference, presenting the topic "Highlights of our Safety Record and Treatment of Poisonous Plants and Snake Bites".

## Research and Observation

Mrazek accompanied Dr. Craighead and several visiting scientists on his inspection tours of hurricane recovery plots on Cape Sable and some of the keys in Florida Bay.

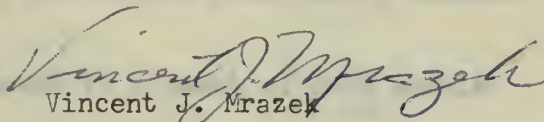
An excellent bird and alligator display developed in the Coot Bay Pond area during the month. Spoonbills and most of our other large wading birds could be seen there with regularity.

Bald eagle nesting activity was observed at the Coot Bay nest and on several of the Florida Bay Keys.

Three white-winged doves could be seen almost daily feeding in the grass in front of the Visitor Center among the mourning doves.

Wood storks were seen in fair numbers flying about and feeding in roadside pools for the first time this season.

It was ~~very~~ quite evident by the end of the month that the winter season had arrived.

  
Vincent J. Mrazek  
Park Naturalist

Discussions

The following discussion was held with the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

At the first meeting, on November 15, the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

At the second meeting, on November 16, the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

At the third meeting, on November 17, the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

Summary and Conclusions

The following summary and conclusions were reached during the visit to the plant on November 15.

In conclusion, it was found that the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

It was found that the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

There were also found that the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

It was found that the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

It was found that the members of the Board of Directors of the National Association of Manufacturers, during their visit to the plant on November 15.

*[Handwritten signature and text]*

EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P. O. BOX 279

HOMESTEAD, FLORIDA 33030

January 6, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report for December, 1963

Interpretive Facilities & Services

Heavy increase in travel started with the middle of December and reached a peak during the holidays. At that time facilities and manpower were heavily taxed.

The winter schedule of naturalist activities went into effect December 15 at Flamingo and December 26 at Royal Palm and Long Pine Key.

The programs have been well attended with Flamingo reporting 84% increase on Morning Walks and 75 % on Evening Programs.

The parking lot at Royal Palm was jammed several times, but trails were adequate to the load, difficulty being experienced only during the guided walks.

Several large groups came during December. The largest, The Florida Science Study Group, consisting of 120 high school students, plus teachers and amny parents, visited the Park on December 27.

Receipts for the Everglades Natural History Association also took a decided jump during the holiday rush.

Five off-site talks were given during the month to a total of 1276 people.

Regional Naturalist Schultz spent about ten days in the Park discussing plans and looking over the area.

Assistant Chief Naturalist Haugen spent one day at Everglades City looking over the area with District Ranger Stokes.

Ranger Cunningham organized the 14th Annual Christmas Bird Count held on December 29. A record of 173 species was established.

EVERGLADES NATIONAL PARK  
and  
PORT JEFFERSON NATIONAL RESERVE  
P. O. BOX 279  
MIAMI, FLORIDA 33101

January 2, 1963

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report for December, 1962

Interpretive Facilities & Services

Heavy interest in travel started with the night of December and resulted in a peak during the holidays. At that time facilities and personnel were heavily taxed.

The winter schedule of interpretive activities was in effect December 15 at Ft. Lauderdale and December 15 at Royal Palm and Fort Pierce.

The program has been well attended with Kingsley reporting 64% increase in morning birds and 75% on evening program.

The parking lot at Royal Palm was jammed several times, but trails were adequately in the road, difficulty being experienced only during the guided walks.

Several large groups came during December. The largest, The Florida Science Study Group, consisting of 125 high school students, from Cape Canaveral, many parents, visited the Park on December 17.

Receipts for the Everglades National History Association also took a decided jump during the holiday rush.

Five off-site talks were given during the month to a total of 177 people.

Regional Naturalist Schmitt spent about ten days in the Park discussing plans and looking over the area.

Assistant Chief Naturalist Hagen spent one day at Everglades City looking over the area with District Ranger Brown.

Ranger Cunningham organized the 14th Annual Christmas Bird Count on December 19. A record of 173 species was established.

Metal Photo labels were installed on the Gumbo Limbo Trail. Several new labels were added.

*During contacts*

#### Research & Observation

*Wildlife calls*

Royal Palm continues to present an excellent bird show, with 'old timers' saying there are more species along the Anhinga Trail now than in previous years.

The pair of anhingas that raised three young last year across the pond from the station are building again in the same place.

Coot Bay Pond, West Lake and several other ponds along the main road near Flamingo continue to produce an excellent bird show.

Recent flights over the rookery areas and boat patrols indicate no nesting activity.

#### Visitation

Below are visitor contact figures for the month.

##### Programs

| Talks             | Number     | Attendance   |
|-------------------|------------|--------------|
| Royal Palm        | 86         | 4,000        |
| Flamingo          | 30         | 3,081        |
|                   | <u>116</u> | <u>7,081</u> |
| Walks             |            |              |
| Anhinga Trail     | 57         | 2,544        |
| Gumbo Limbo Trail | 42         | ✓ 1,796      |
| Flamingo          | 19         | 748          |
|                   | <u>118</u> | <u>5,188</u> |
| Special groups    | 9          | 405          |

Manned Interpretive Stations  
Parachute Key Visitor Center  
Royal Palm  
Flamingo Information Desk

13,923  
23,200  
1,350

Self guiding facilities  
Anhinga Trail  
Gumbo Limbo Trail  
Pinelands Trail  
Mahogany Hammock  
Pa-hay-okee  
Flamingo Museum

38,473  
" 24,400  
22,300  
10,100  
11,800  
10,600  
10,050  
49,250

new labels were added. Metal Photo Labels were attached to the Camp 1,000 Trail. Several

1917 3 11 3 11

saying there are more species along the Atlantic Coast and that in previous years.

The pair of antlers that earned three points last year broke the firm from the record by adding eight to the new record.

Coast Bay Hotel, West Palm and several other hotels along the coast.  
This business continues to produce an excellent yield now.

Recent flights over the subject area and land pattern indicate no nesting activity.

NO. 1234567

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

| Species         | No. | Date | Locality |
|-----------------|-----|------|----------|
| <i>Pteropus</i> | 1   | 1907 | Batavia  |
| <i>Pteropus</i> | 2   | 1907 | Batavia  |
| <i>Pteropus</i> | 3   | 1907 | Batavia  |
| <i>Pteropus</i> | 4   | 1907 | Batavia  |
| <i>Pteropus</i> | 5   | 1907 | Batavia  |
| <i>Pteropus</i> | 6   | 1907 | Batavia  |
| <i>Pteropus</i> | 7   | 1907 | Batavia  |
| <i>Pteropus</i> | 8   | 1907 | Batavia  |
| <i>Pteropus</i> | 9   | 1907 | Batavia  |
| <i>Pteropus</i> | 10  | 1907 | Batavia  |

[illegible]



UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
ST. JAMES NATIONAL MONUMENT

Roving contacts

5,000

Off-site talks

1,276

Total visitor contacts

146,573

ST. JAMES NATIONAL MONUMENT  
P. O. Box 5477  
ST. JAMES, FLORIDA

January 1, 1964

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, St. James

Ernst T. Christensen

Subject: Monthly Summary Report for December, 1963

Interpretive Activities and Planning

The increased schedule of interpretive programs was begun on December 15. Dayshore walks were conducted daily at 10:00 with the exception of Saturdays when the afternoon tour was held. The tour lake road was conducted. All programs were extremely well received. Facilities and interpretive personnel were kept in the park from December 1963 until the end of the month. Attendance at evening walks increased well over that of Dec. last year and evening tours of the lake and TIE higher. It seems that we are having growing pains in the interest of the interpretive program at Flamingo during the winter season.

Several voluntary trips were made into the beach area to planning for the naturalist and beachcomber and it is to be conducted weekly each Sunday beginning next week.

Interpretive Services

Interpretive contacts for the month:

| Program           | Number | Attendance |
|-------------------|--------|------------|
| Evening Talks     | 30     | 1,001      |
| Morning Walks     | 12     | 748        |
| Information Table |        | 1,390      |
| Total             |        | 5,179      |

THE FOLLOWING TABLE SHOWS THE RESULTS OF THE INVESTIGATION OF THE  
CASES OF MENTAL ILLNESS IN THE DISTRICT OF COLUMBIA, DURING THE  
YEAR 1900.

| Having contacts        |       |
|------------------------|-------|
| Office cases           | 1,473 |
| Total visible contacts | 1,473 |

THE FOLLOWING TABLE SHOWS THE RESULTS OF THE INVESTIGATION OF THE  
CASES OF MENTAL ILLNESS IN THE DISTRICT OF COLUMBIA, DURING THE  
YEAR 1900.

THE FOLLOWING TABLE SHOWS THE RESULTS OF THE INVESTIGATION OF THE  
CASES OF MENTAL ILLNESS IN THE DISTRICT OF COLUMBIA, DURING THE  
YEAR 1900.

| Having contacts        |       |
|------------------------|-------|
| Office cases           | 1,473 |
| Total visible contacts | 1,473 |



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

January 1, 1964

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for December, 1963

Interpretive Facilities and Planning

The increased schedule of interpretive programs was begun on December 15. Bayshore walks were conducted daily at 8:30 with the exception of Saturdays when the wilderness hike down the Bear Lake road was conducted. All programs were exceptionally well attended. Facilities and interpretive personnel were taxed to the utmost from December 20th until the end of the month. Attendance at morning walks increased 84% over that of Dec. last year and evening program attendance was 75% higher. It seems that we are having growing pains in all phases of the interpretive programs at Flamingo during the winter season.

Several exploratory trips were made into the Hell's Bay area in planning for the naturalist led boat-a-cade that is to be conducted weekly each Sunday beginning next month.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 30            | 3,081             |
| Morning Walks    | 19            | 748               |
| Information Desk |               | 1,350             |
|                  | Total         | 5,179             |



## Miscellaneous

Naturalist Cunningham organized the very successful Christmas bird count that took place on December 29th. A record 174 species of birds were counted in the designated area around Flamingo. 144r

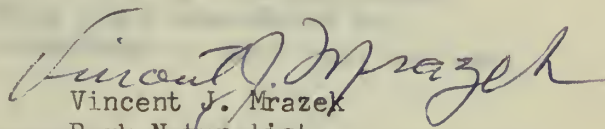
Naturalist Taylor participated in the count around the area of Slagle's Ditch.

## Research and Observation

A pair of smooth billed anis were seen in the vicinity of the motel and visitor center during most of the month and were recorded during the Xmas bird count.

The bird show at Coot Bay and surrounding ponds continued to be an attraction for the park visitors during the month. Spoonbills, wood storks and other large wading birds could be seen there almost daily.

A trip to East River Rookery on December 16th revealed no nesting activity in the area.

  
Vincent J. Mrazek  
Park Naturalist

- \* Regional Naturalist Paul Schultz visited the Flamingo area on December 18th and stayed for a period of about 10 days. While here Mr. Schultz attended several of the evening programs and morning walks and offered many helpful suggestions for their improvement.

Mr. Schultz and his family were taken on a boat trip to Key Largo Ranger Station by Naturalist Mrazek and while there the adjoining hammock was inspected from the standpoint of a proposed nature trail in the area.

VJM

1. The first of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

2. The second of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

Conclusion

3. The third of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

4. The fourth of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

5. The fifth of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

*[Signature]*  
1. The first of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

2. The second of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

3. The third of these is the fact that the Government has not yet decided whether or not to proceed with the proposed legislation. This is a matter of great importance, and it is essential that the Government should make a decision as soon as possible.

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT

N26

P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

February 6, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive monthly narrative report - January

Travel, while heavy during the last part of December increased in January. The results were reflected in all of the interpretive activities, with all contact points indicating more visitors than personnel and facilities could satisfactorily handle.

The weekend attendance at the campfire program at Long Pine Key ranged from 250 to 300 per night. Campers here bring their own chairs and completely close the circle, forcing the interpreter to talk with his back to some of the group.

Wednesday evening crowds at the Visitor Center more than fill the available chairs.

Flamingo naturalists report that they continue to experience crowding of the "visitors' lounge" where their evening talks are given, with an estimated 50 to 100 turned away on 16 nights of the month. The situation was helped some by the two campfire programs given each week.

Personnel

Naturalist Sloane spent the last week of the month working between Royal Palm and Flamingo in preparation for his transfer of duty station. He will fill in while William Taylor attends the training school at Grand Canyon.

Interpretive facilities & services

Several lift boxes were installed at the Pinelands Trail and at the coontie patch at the main visitor center.

Planning for the Seven Mile Tower area is taking a considerable amount of the Chief Naturalist's time.

Off-site talks continue and one exhibit was made for the Florida Historical Society meeting of January 28.

EVERETT NATIONAL BANK  
PORT JENNIFER, FLORIDA  
JANUARY 1, 1935  
HONESTY, CREDIT, SAVINGS

MEMO

January 1, 1935

Memorandum

Subject: ...

From: Chief Bank Manager

Subject: Interpretive monthly meeting report - January

The meeting was held on the last day of January. The guests were welcomed to all the interpretive activities, with all guests having a very good time. The meeting was held in the main hall of the bank.

The meeting was held in the main hall of the bank. The guests were welcomed to all the interpretive activities, with all guests having a very good time. The meeting was held in the main hall of the bank.

Wednesday evening reports of the various groups were given. The meeting was held in the main hall of the bank.

Financial statements were given. The meeting was held in the main hall of the bank.

Interpretive

Interpretive reports were given. The meeting was held in the main hall of the bank.

Interpretive of facilities

Interpretive reports were given. The meeting was held in the main hall of the bank.

Interpretive reports were given. The meeting was held in the main hall of the bank.

Interpretive reports were given. The meeting was held in the main hall of the bank.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
WILLOW SPRING NATIONAL PARK

Research and observation

Park Biologist William Robertson and Park Naturalist Haugen spent the 18th through the 21st at Fort Jefferson gathering pictures and data on the oil spill.

The January 15th drop in temperature to below freezing had some interesting effects. Mainly, the hit and miss effect of browning some plants and sparing others of the same kind and relatively same location was noted.

The rookery areas continue to be free of nesting birds with the exception of Cuthbert, which does contain a few cormorants and anhingas.

Visitor contact

On-site services

| Guided Walks | No. | Attendance |
|--------------|-----|------------|
| Gumbo Limbo  | 59  | 1,994      |
| Anhinga      | 37  | 1,955      |
| Flamingo     | 30  | 645        |
| Specials     | 19  | 1,209      |

| Talks                  | No. | Attendance |
|------------------------|-----|------------|
| Royal Palm             | 102 | 4,080      |
| Flamingo               | 31  | 4,080      |
| Campfire & audiovisual | 35  | 2,300      |
| Specials               | 18  | 1,164      |

|                 |  |       |
|-----------------|--|-------|
| Roving Contacts |  | 8,783 |
|-----------------|--|-------|

Attended Stations

|                              |        |
|------------------------------|--------|
| Parachute Key Visitor Center | 14,800 |
| Royal Palm                   | 27,000 |
| Flamingo                     | 11,800 |
| audiovisual                  | 4,933  |

Self-guiding devices

|                  |        |
|------------------|--------|
| Anhinga          | 24,500 |
| Gumbo Limbo      | 23,700 |
| Pinelands        | 11,000 |
| Manogany Hammock | 12,300 |
| Pa-hay-okee      | 12,000 |
| Flamingo Museum  | 10,200 |

|             |   |    |
|-------------|---|----|
| Boat-a-cade | 4 | 55 |
|-------------|---|----|

Off-site services

|                       |   |     |
|-----------------------|---|-----|
| Service Organizations | 3 | 657 |
| Other                 | 2 | 297 |

Total 174,010

# Research and observation

For Biologist William Roberts, and other interested persons, the first through the last of the following observations and data on the all night.

The January 1966 group in the laboratory on their interest and some interesting effects. Mainly, the first and most effect of the group was given and having access to the same kind and relatively same location was noted.

The property area continues to be free of nesting birds with the exception of Corvidae, which were present in the courtyard and adjacent.

## Visitors contact

### On-site services

|       |    |                 |
|-------|----|-----------------|
| 1,100 | 10 | Charles L. Linn |
| 1,100 | 11 | Andrews         |
| 1,100 | 12 | Flanagan        |
| 1,100 | 13 | Koskela         |

### Off-site

|       |    |                |
|-------|----|----------------|
| 1,100 | 14 | Robert Linn    |
| 1,100 | 15 | Flanagan       |
| 1,100 | 16 | Charles & Linn |
| 1,100 | 17 | Specimen       |

### Regular contacts

### Attended sessions

|       |    |              |
|-------|----|--------------|
| 1,100 | 18 | Charles Linn |
| 1,100 | 19 | Robert Linn  |
| 1,100 | 20 | Flanagan     |

### Self-attended sessions

|       |    |              |
|-------|----|--------------|
| 1,100 | 21 | Andrews      |
| 1,100 | 22 | Charles Linn |
| 1,100 | 23 | Flanagan     |
| 1,100 | 24 | Flanagan     |
| 1,100 | 25 | Flanagan     |
| 1,100 | 26 | Flanagan     |

### Self-attended

### Off-site services

|       |    |              |
|-------|----|--------------|
| 1,100 | 27 | Charles Linn |
| 1,100 | 28 | Flanagan     |



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

February 1, 1964

Memorandum

To: Chief Park Naturalist

From : Park Naturalist, Flamingo

Subject: Monthly Narrative Report for January, 1964

Interpretive Facilities and Planning

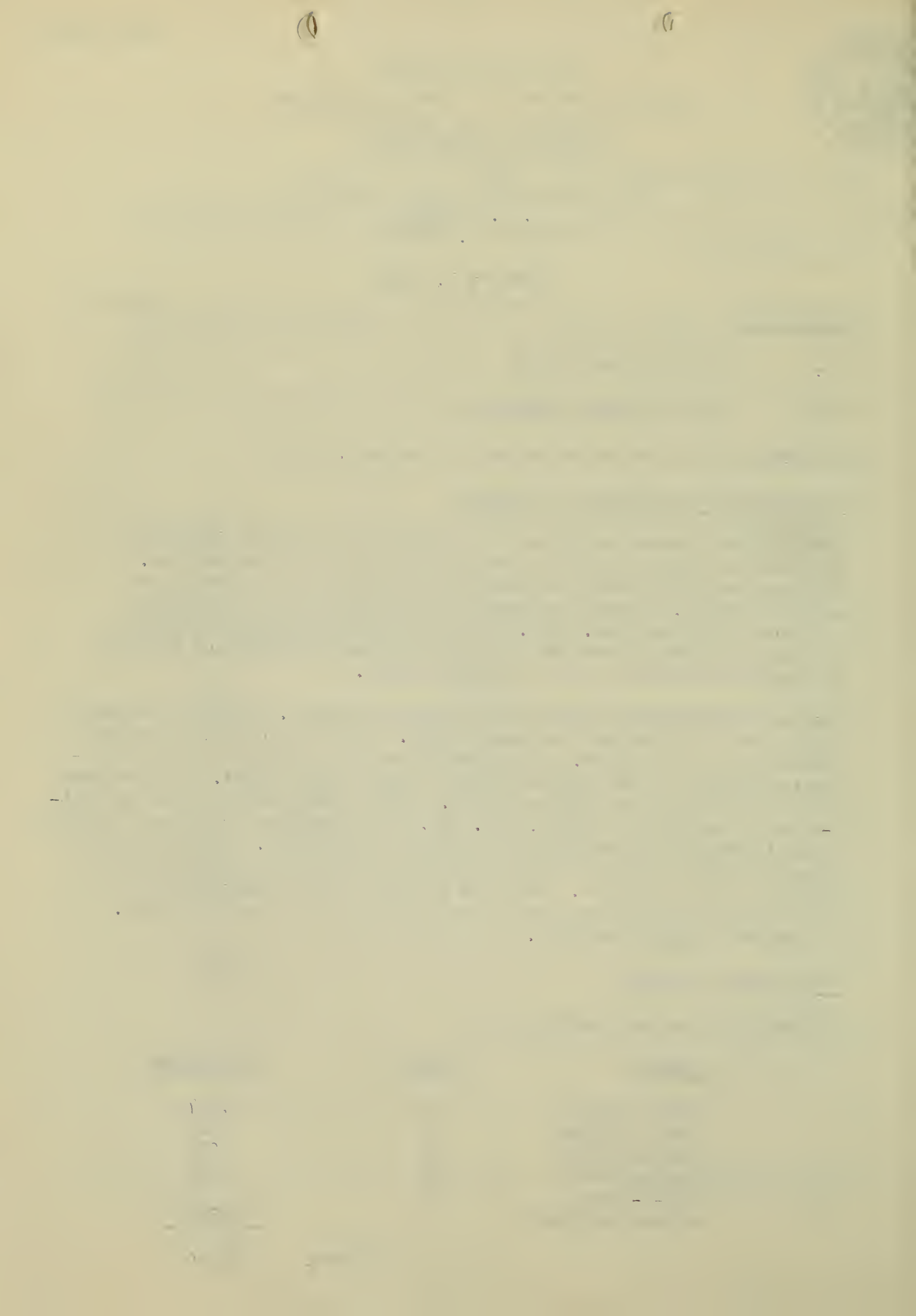
The Visitors Lounge was filled to capacity and beyond on 24 days of the month and after the 15th even standing room was hard to find. This crowded condition is expected to continue and increase for the next two months, especially when the 60 new lodge units are ready for occupancy about Feb. 15th. It is estimated that on 16 nights of the month between 50 and 100 visitors were denied attendance because of crowded conditions in the Visitors Lounge.

Two new interpretive programs were added this month. Campfire programs were given on Friday and Saturday nights. This stretched our manpower scheduling to the utmost, but the campfires did much to alleviate crowded conditions in the Visitors Lounge on those two nights. The programs were well attended and well received. Also a weekly naturalist led Boat-a-cade was started on Sunday, Jan. 5th. The first two tries met with fair success with 1 and 6 boats participating respectively. These were led into the Hell's Bay area where there are many winding mangrove channels but very little wildlife. The next two were more successful when the naturalists took advantage of a good bird show and a basking 10 ft. alligator in lower Joe River.

Interpretive Services

Interpretive contacts for the Month:

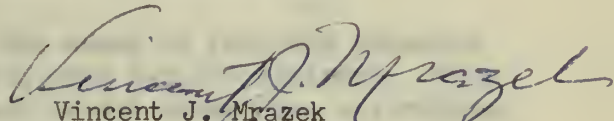
| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            | 4,087             |
| Campfire Talks   | 9             | 562               |
| Special Talks    | 5             | 226               |
| Morning Walks    | 30            | 645               |
| Boat-a-cade      | 4             | 55                |
| Information Desk |               | <u>1,395</u>      |
| Total            |               | 6,970             |



## Research and Observation

Perhaps the most notable and least heartening observation was the absence of nesting activity by wood storks, egrets and herons at the Cuthbert, East River and Rookery Branch rookeries. There were just a few cormorants and anhingas nesting at Cuthbert Rookery.

On the morning of Jan 15th the temperature at Flamingo dropped to a low of 30 degrees and there was ice on the evaporation tank at the weather station and on the windshields of cars. There was some frost damage to the vegetation, notably to the buttonwoods, pisonia vines, morinda and species of morning glory. The damage was not extensive, but rather spotty and most of the affected vegetation is expected to recover.

  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

N26

P. O. BOX 279

HOMESTEAD, FLORIDA 33030

March 4, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive monthly narrative report - February 1964

Travel to Everglades National Park during the month of February exceeded all previous records for a single month with over 100,000 visitors. This heavy travel was reflected in the attendance to all naturalist activities. Significantly, the basic plan of in situ interpretation of the Park, with its built-in visitor dispersal features, has proved the soundness of its planning, as even with record shattering crowds, prolonged congestion anywhere is avoided. Only at the facilities for the Park's evening programs are real difficulties experienced. The frustration of many Park visitors who are turned away from the evening program continues. Additional evening programs scheduled at Flamingo in the form of weekend campfire programs significantly help on the nights when weather is not ideal. Shortage of personnel makes it impossible to expand this program.

At the Entrance Visitor Center, the Wednesday evening programs also had "turn away" crowds. On one evening 187 visitors were crowded in. Poor acoustics in the auditorium prevented further expansion of seating space.

On the last two Sunday afternoons of the month so many visitors were present at Royal Palm by mid-afternoon that conducting scheduled programs proved impossible. Instead, a roving type of personal contact was tried out. This may prove to be a good way to handle peak crowds at this station.

A total of 176,350 visitor contacts was made during the month. Of this number, 26,440 either listened to a Naturalist talk or followed him on a walk.

Personnel

Naturalist William Taylor has been sent to the Horace M. Albright Training Center, Grand Canyon. Assistant Chief Naturalist Haugen is attending the Stephen T. Mather Training Center at Harper's Ferry. Seasonal Naturalist Victoria Sullivan was terminated because of the 180 days limitation. Mr. Kelly Motherspaugh has been employed as WAE Naturalist to help out during the season's peak visitation.

Chief Park Naturalist Christensen is teaching a course in the Conservation of Natural Resources. The class of 34 students is taught as an extension

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 217  
FORT MYERS, FLORIDA 33901

W26

March 4, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive monthly narrative report - February 1964

Travel to Everglades National Park during the month of February presented all previous records for a single month with over 100,000 visitors. This heavy travel was reflected in the attendance in all naturalist activities. Significantly, the basic plan of in situ interpretation of the Park, with its public visitor dispersal features, was given the emphasis of the planning, as even with record starting crowds, scheduled congestion anywhere is avoided. Only at the facilities for the Park's evening programs are real difficulties experienced. The frustration of many Park visitors who are turned away from the evening program continues. Additional evening programs scheduled as February is the month of western migration significantly help on the nights when weather is not favorable. A change of personnel makes it impossible to expand this program.

At the Entrance Visitor Center, the Wednesday evening program also had "turn away" crowds. On one evening 157 visitors were crowded in. Room necessities in the auditorium prevented further expansion of evening events.

On the last two Sunday afternoons of the month no early visitors were present at Royal Palm by mid-afternoon and scheduled activities were proved impossible. Instead, a moving type of personnel contact was called out. This may prove to be a good way to handle peak crowds at this station.

A total of 175,320 visitor contacts was made during the month. In this number, 26,440 either listened to a narrated tape or followed him on a walk.

#### Personnel

Naturalist William Taylor has been sent to the Monroe M. Wright Building Center, Grand Canyon. Assistant Chief Naturalist James is attending the Stephen T. Hader Training Center at Harper's Ferry, National Naturalist Victoria Sullivan was contacted because of the late date limitation. Mr. Kelly McWhorter has been employed as the Naturalist to help out during the season's peak visitation.

Chief Park Naturalist James is teaching a course in the Conservation of Natural Resources. The class of 34 students is taught as an extension

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

course of the Florida State University.

Interpretive Facilities and Services

A new Anhinga lift box exhibit was installed along the Anhinga Trail. A prospectus for the painting of the large mural exhibit intended for the Visitor Center was accomplished and copies sent to various artists throughout the state.

Visitor Contacts

A breakdown of the contacts made during the month follows.

| Guided Walks | Number | Attendance |
|--------------|--------|------------|
| Gumbo Limbo  | 83     | 2,741      |
| Anhinga      | 56     | 3,667      |
| Flamingo     | 27     | 697        |
| Specials     | 16     | 682        |

7747

Talks

|                        |     |       |
|------------------------|-----|-------|
| Royal Palm             | 138 | 6,102 |
| Flamingo               | 29  | 4,707 |
| Campfire & Audiovisual | 32  | 4,078 |
| Specials               | 14  | 672   |

Roving Contacts

2,136

Attended Stations

|                              |        |
|------------------------------|--------|
| Parachute Key Visitor Center | 14,574 |
| Royal Palm                   | 27,720 |
| Flamingo                     | 12,000 |

Self Guiding Devices

|                  |        |
|------------------|--------|
| Anhinga          | 25,160 |
| Gumbo Limbo      | 23,970 |
| Pinelands        | 11,220 |
| Mahogany Hammock | 9,807  |
| Pa-hay-okee      | 15,000 |
| Flamingo Museum  | 10,420 |

Boat-a-cade

4

39

Off-site Services

|                       |   |     |
|-----------------------|---|-----|
| Schools               | 2 | 780 |
| Service Organizations | 2 | 60  |
| Other                 | 2 | 118 |

TV Program

1

176,350

Ernst T. Christensen

center of the Florida State University.

Interactive Facilities and Services  
 A new building with new exhibits was installed along the hallway walls.  
 A program for the purpose of the large mural exhibit intended for  
 the Visitor Center was accomplished and copies sent to various outlets  
 throughout the state.

Visitor Center  
 A breakdown of the contents made during the month follows:

| Unsold | Unsold | Unsold |
|--------|--------|--------|
| 1,741  | 23     | Unsold |
| 1,043  | 28     | Unsold |
| 697    | 13     | Unsold |
| 651    | 18     | Unsold |

| Unsold | Unsold | Unsold |
|--------|--------|--------|
| 1,741  | 23     | Unsold |
| 1,043  | 28     | Unsold |
| 697    | 13     | Unsold |
| 651    | 18     | Unsold |

| Unsold | Unsold | Unsold |
|--------|--------|--------|
| 1,741  | 23     | Unsold |
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|--------|--------|--------|
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| Unsold | Unsold | Unsold |
|--------|--------|--------|
| 1,741  | 23     | Unsold |
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| Unsold | Unsold | Unsold |
|--------|--------|--------|
| 1,741  | 23     | Unsold |
| 1,043  | 28     | Unsold |
| 697    | 13     | Unsold |
| 651    | 18     | Unsold |



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
HOMESTEAD, FLORIDA

March 1, 1964

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for February, 1964

Interpretive Facilities and Planning

The motel accommodations at Flamingo were increased from 60 units to 120 and the additional units were ready for occupancy on Feb. 10 th. The new motel capacity averages about 250 visitors nightly. This combined with about 650 visitors in the campground results in a nightly total of about 900 visitors in the Flamingo area during this busy season. The seating capacity of 120 persons in the Visitors Lounge for present-ing evening programs in contrast appears glaringly inadequate at this time of the year.

Campfire programs and weekly Sunday boat-a-cades were continued throughout the month. Visitor turnout for campfire programs was somewhat limited by w eather conditions upon several of the scheduled evenings and two camp-fires were cancelled entirely for that reason this month.  
been

It has/definitely established that a great deal of the participation in the naturalist's boat-a-cades has not been especially for the interpretation presented on these trips. Most participants have either missed the ranger led Saturday boat-a-cade or it had been cancelled because of weather, or they are interested in new fishing areas. Only a few exhibit interest in the interpretation presented on the trips. It must be added, however, that there is not a great deal of wildlife to be seen onthese trips and when the ospreys and eagles have completed their nesting this will be reduced even more.

Interpretive Services

Interpretive Contacts for the Month:

| <u>Program</u> | <u>Number</u> | <u>Attendance</u> |
|----------------|---------------|-------------------|
| Evening Talks  | 29            | 4,707             |
| Campfire Talks | 7             | 365               |



Interpretive contacts for the month: (cont'd)

|                  |    |       |
|------------------|----|-------|
| Morning walks    | 27 | 697   |
| Boat-a-cade      | 4  | 39    |
| Information Desk |    | 1,595 |
| Off Site         | 2  | 258   |

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|       |       |
|-------|-------|
| Total | 7,661 |
|-------|-------|

Miscellaneous

Naturalist William M. Taylor left for the Horace M. Albright Training Session at Grand Canyon National Park on Feb. 2nd. He was replaced by Naturalist Bruce C. Sloane from the Royal Palm area.

Naturalist Cunningham gave two off-site programs during the month: one to about 200 tenth grade biology students at Miami High School and one to 58 members of the University Yacht Club at the Homestead Airforce Base Officer's Club.

Naturalist Cunningham accompanied Mr. & Mrs. Leonard Hall, wildlife lecturer, photographer and member of the National Parks Advisory Board on a photography trip to Snake Bight on Feb. 20th and Mr. and Mrs. James Bond, noted ornithologist on a birding trip on Feb. 21st.

Other visitors of note contacted by interpretive personnel while in the Flamingo area were:

Mr. and Mrs. August Burghard, Ft. Lauderdale, Fla.  
Mr. and Mrs. Russ Grader, Head of Harper's Ferry Training School  
Mr. Paul Phillips, member of National Parks Advisory Board

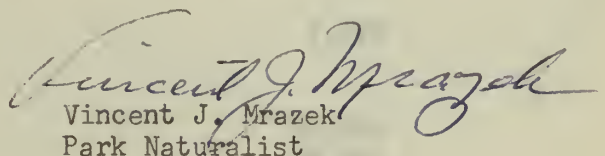
Research and Observation

Swallow Tailed Kites arrived on schedule toward the end of the month.

A small cottonmouth water moccasin was found in the Flamingo campground during the month.

A striped skunk was seen on several occasions in the Paurotis Pond area usually at night.

Two Egyptian geese were observed along the roadside near Paurotis Pond on Feb. 27th. Two also were seen in this area in 1961.

  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

April 7, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive monthly narrative report - March 1964

Interpretive Services

March duplicated February in being a record high month for visitor numbers. All interpretive facilities and programs were swamped. Several Sundays, for example, more visitors came to Royal Palm than there was parking space for, and as many as 30% of those who came between 2:00 and 3:00 PM were unable to stop. Since these visitors in all probability came back later, the inadequacy of the parking lot to handle peak loads probably acts favorably as a method of distributing peak visitor loads and prevents congestion of the areas facilities.

All scheduled programs were continued during the month, but because of the poor attendance on the interpretive boat-a-cade, this feature was discontinued at the month's end.

Following is a summary of interpretive contacts made during the month:

| Guided Walks | Number | Attendance |
|--------------|--------|------------|
| Gumbo Limbo  | 94     | 3,140      |
| Anhinga      | 61     | 4,515      |
| Flamingo     | 30     | 494        |
| Specials     | 12     | 1,509      |

| Talks                     | Number | Attendance |
|---------------------------|--------|------------|
| Royal Palm                | 155    | 7,394      |
| Flamingo                  | 31     | 4,493      |
| Campfires and Audiovisual | 34     | 3,102      |
| Specials                  | 16     | 1,939      |

|                 |       |
|-----------------|-------|
| Roving Contacts | 2,738 |
|-----------------|-------|

| Attended Stations            | Attendance |
|------------------------------|------------|
| Parachute Key Visitor Center | 16,724     |
| Royal Palm                   | 25,780     |
| Flamingo                     | 11,160     |

552  
3/16/72

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1991, 5, 4700

10-11

To: \_\_\_\_\_

Notes:

Subject: Incomplete monthly narrative report - March 1966

of the study facilities.

method of distribution from various funds and previous examination  
pertaining to the building fund probably will be similar to the  
visitors in all facilities was much larger, the methodology for the  
cases between 1980 and 1981 was unable to adapt. There is some  
that there was something wrong too, and as many as 100 of these who  
Several analysts, the committee, some visitors came to report that  
numbers. All investigative facilities and programs were completed.  
which had/central authority in doing a review of the study for visitors

Interviews by telephone

are distinguished by the woman's mood, and distinguished by the woman's mood, and distinguished by the woman's mood.

Following is a summary of descriptive statistics and results for the study.

[illegible]

| Year | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |

| Station    | Time  | Remarks |
|------------|-------|---------|
| 1. 1st     | 11:00 | Arrived |
| 2. 2nd     | 11:30 | Left    |
| 3. 3rd     | 12:00 | Arrived |
| 4. 4th     | 12:30 | Left    |
| 5. 5th     | 1:00  | Arrived |
| 6. 6th     | 1:30  | Left    |
| 7. 7th     | 2:00  | Arrived |
| 8. 8th     | 2:30  | Left    |
| 9. 9th     | 3:00  | Arrived |
| 10. 10th   | 3:30  | Left    |
| 11. 11th   | 4:00  | Arrived |
| 12. 12th   | 4:30  | Left    |
| 13. 13th   | 5:00  | Arrived |
| 14. 14th   | 5:30  | Left    |
| 15. 15th   | 6:00  | Arrived |
| 16. 16th   | 6:30  | Left    |
| 17. 17th   | 7:00  | Arrived |
| 18. 18th   | 7:30  | Left    |
| 19. 19th   | 8:00  | Arrived |
| 20. 20th   | 8:30  | Left    |
| 21. 21st   | 9:00  | Arrived |
| 22. 22nd   | 9:30  | Left    |
| 23. 23rd   | 10:00 | Arrived |
| 24. 24th   | 10:30 | Left    |
| 25. 25th   | 11:00 | Arrived |
| 26. 26th   | 11:30 | Left    |
| 27. 27th   | 12:00 | Arrived |
| 28. 28th   | 12:30 | Left    |
| 29. 29th   | 1:00  | Arrived |
| 30. 30th   | 1:30  | Left    |
| 31. 31st   | 2:00  | Arrived |
| 32. 32nd   | 2:30  | Left    |
| 33. 33rd   | 3:00  | Arrived |
| 34. 34th   | 3:30  | Left    |
| 35. 35th   | 4:00  | Arrived |
| 36. 36th   | 4:30  | Left    |
| 37. 37th   | 5:00  | Arrived |
| 38. 38th   | 5:30  | Left    |
| 39. 39th   | 6:00  | Arrived |
| 40. 40th   | 6:30  | Left    |
| 41. 41st   | 7:00  | Arrived |
| 42. 42nd   | 7:30  | Left    |
| 43. 43rd   | 8:00  | Arrived |
| 44. 44th   | 8:30  | Left    |
| 45. 45th   | 9:00  | Arrived |
| 46. 46th   | 9:30  | Left    |
| 47. 47th   | 10:00 | Arrived |
| 48. 48th   | 10:30 | Left    |
| 49. 49th   | 11:00 | Arrived |
| 50. 50th   | 11:30 | Left    |
| 51. 51st   | 12:00 | Arrived |
| 52. 52nd   | 12:30 | Left    |
| 53. 53rd   | 1:00  | Arrived |
| 54. 54th   | 1:30  | Left    |
| 55. 55th   | 2:00  | Arrived |
| 56. 56th   | 2:30  | Left    |
| 57. 57th   | 3:00  | Arrived |
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| 59. 59th   | 4:00  | Arrived |
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| 61. 61st   | 5:00  | Arrived |
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| 63. 63rd   | 6:00  | Arrived |
| 64. 64th   | 6:30  | Left    |
| 65. 65th   | 7:00  | Arrived |
| 66. 66th   | 7:30  | Left    |
| 67. 67th   | 8:00  | Arrived |
| 68. 68th   | 8:30  | Left    |
| 69. 69th   | 9:00  | Arrived |
| 70. 70th   | 9:30  | Left    |
| 71. 71st   | 10:00 | Arrived |
| 72. 72nd   | 10:30 | Left    |
| 73. 73rd   | 11:00 | Arrived |
| 74. 74th   | 11:30 | Left    |
| 75. 75th   | 12:00 | Arrived |
| 76. 76th   | 12:30 | Left    |
| 77. 77th   | 1:00  | Arrived |
| 78. 78th   | 1:30  | Left    |
| 79. 79th   | 2:00  | Arrived |
| 80. 80th   | 2:30  | Left    |
| 81. 81st   | 3:00  | Arrived |
| 82. 82nd   | 3:30  | Left    |
| 83. 83rd   | 4:00  | Arrived |
| 84. 84th   | 4:30  | Left    |
| 85. 85th   | 5:00  | Arrived |
| 86. 86th   | 5:30  | Left    |
| 87. 87th   | 6:00  | Arrived |
| 88. 88th   | 6:30  | Left    |
| 89. 89th   | 7:00  | Arrived |
| 90. 90th   | 7:30  | Left    |
| 91. 91st   | 8:00  | Arrived |
| 92. 92nd   | 8:30  | Left    |
| 93. 93rd   | 9:00  | Arrived |
| 94. 94th   | 9:30  | Left    |
| 95. 95th   | 10:00 | Arrived |
| 96. 96th   | 10:30 | Left    |
| 97. 97th   | 11:00 | Arrived |
| 98. 98th   | 11:30 | Left    |
| 99. 99th   | 12:00 | Arrived |
| 100. 100th | 12:30 | Left    |

Boat-a-cade  
Auto-a-cade  
Off-site programs  
TV Program

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

6  
25  
110

Self-guiding Devices

|                  |               |
|------------------|---------------|
| Anhinga          | 27,170        |
| Gumbo Limbo      | 25,690        |
| Pinelands        | 12,200        |
| Mahogany Hammock | 15,344        |
| Pa-hay-okee      | 15,800        |
| Mangrove         | 10,590        |
| Flamingo Museum  | <u>11,240</u> |

Total Visitor Contacts

201,163

Interpretive Facilities

Pressure of interpretive services left little time for other naturalist activities. During the month some progress was made on the tree snail exhibit for Royal Palm. The lift exhibit torn apart on the Mangrove Trail was repaired and replaced. Exhibits at Pa-hay-okee were vandalized and the plexiglass covers stolen. These exhibits are in such poor repair that they must be refurbished before they are replaced in the exhibit shelter. Four contract proposals for the mural exhibit for the Visitor Center were submitted and have been forwarded through the Regional Director to the Museum Branch for comments and recommendations.

Interpretive Services

Ernst T. Christensen

Interpretive contacts for the month:

| Program          | Contacts | Man-hours    |
|------------------|----------|--------------|
| Feeding Talk     | 1        | 1,200        |
| Quintive Talks   | 1        | 370          |
| Swamp Walks      | 1        | 100          |
| Wild-Scapes      | 1        | 4            |
| Info-gram        | 1        | 25           |
| Special Talk     | 1        | 25           |
| Information Desk |          | <u>1,210</u> |

Total 6,670

Miscellaneous

Naturalist Group gave a presentation to a group of 90 children from the Ft. Dodge Christian School, Ft. Dodge, Ia., on March 14th.

Naturalist Group presented a presentation to 60 students of the Ia. of State College, Ft. Dodge, Ia., on March 15th.

TV Proxm  
Off-site program  
Auto-calls  
Post-a-call

Flamingo Museum  
 Haverrove  
 P-hay-ah-ah  
 Kahokey Kookey  
 Pineleah  
 Gumbo Limbo  
 Ahahaga  
 Self-guiding Device

Local Vistas - 2000

*[Faint, illegible text]*

the Regional Director of the Bureau Branch for community and recreation activities. The exhibit was submitted and was being forwarded through the 104th Station Center where submitted and was being forwarded through the exhibit station. Your contract number is not the same exhibit for repair that they want to be replaced before they are repaired in lines and the original covers - which - from all things are in good condition. The bill of materials is being submitted with various exhibit for Royal Palm. The bill exhibit was sent to the Museum activities. During the month some progress was made in the area of Pressure of interpretive services for historic sites for other historical

1900-1901. 2. 1873.

17.72  
17.25  
15.20  
12.34  
12.00  
10.20  
11.10

E. J. 1972



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK  
and

Fort Jefferson National Monument  
P. O. Box 279  
Homestead, Florida

April 1, 1964

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for March, 1964

Interpretive Facilities and Planning

There was a slight decrease in attendance at interpretive programs this month, but overcrowded conditions in the auditorium existed on 22 evenings of the month. Campfire programs were continued on Friday and Saturday nights with good visitor participation on most of the scheduled evenings. Boat-a-cades were very poorly attended with only 2 boats and 6 persons participating in the 5 scheduled trips during the month.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            | 4,493             |
| Campfire Talks   | 8             | 370               |
| Morning Walks    | 30            | 494               |
| Boat-a-cade      | 2             | 6                 |
| Auto-cade        | 1             | 50                |
| Special Talk     | 1             | 25                |
| Information Desk |               | <u>1,240</u>      |

Total 6,678

Miscellaneous

Naturalist Sloane gave a special talk to a group of 25 visitors from the E. Ridge Lutheran Retirement Home at Perrine, Fla. on March 4th.

Naturalist Cunningham conducted an auto-cade with 50 students of the U. of Miami Nature Workshop course on March 8th.



### Research and Observation

The two young eagles from the nest at Coot Bay were flying around by the end of the month.

The good bird shows at Coot Bay pond and the other ponds nearby were about over by the end of the month and a great many of the migratory birds were beginning to leave for points north during the month.

Naturalist Mrazek assisted Dr. Craighead and Glenn Simmons in planting 90 mahogany seedlings at several locations along the Crocodile Point road on March 14th.

  
Vincent J. Mrazek  
Park Naturalist



N26

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

May 11, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Interpretive monthly narrative report - April 1964

Interpretive Services & Facilities

Because of the drop in visitation, summer interpretive schedules went into effect April 12. Campfire programs at Long Pine Key and Flamingo and the special Wednesday evening programs at Headquarters were discontinued. The evening programs at Flamingo continue on a nightly basis. Good attendance at these was reported through April 25. The morning nature walk at Flamingo has been curtailed to three a week: Saturday, Sunday, and Wednesday at 10:30.

The interpretive staff supplied speakers for a number of off-site programs during the month. The film Highlights of the Everglades is being used several times a week by various groups and organizations.

While the general visitation has dropped, we now come into the school field trip season. On most Fridays and Saturdays we have had one to three groups of school children visit the Park.

The ligus snail exhibit has been completed and installed in the exhibit room at Royal Palm.

Below is the tabulations of visitor contacts made during April.

| Guided Walks | Number | Attendance |
|--------------|--------|------------|
| Gumbo Limbo  | 51     | 1,425      |
| Anhinga      | 41     | 1,764      |
| Flamingo     | 19     | 409        |
| Specials     | 7      | 522        |

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
WASHINGTON, D. C. 20535

May 11, 1964

105

Memorandum

To: **Superintendent**  
From: **Chief, Puerto Rico Division**  
Subject: **Interpretive monthly narrative report - April 1964**

Interpretive Services & Facilities

Because of the drop in visitation, summer interpretive schedules were also effect April 12. Guided programs at Point of View and Pinnacle and the special Wednesday evening program at Pinnacle were also discontinued. The evening program at Pinnacle continues on a regular basis. Good attendance at these was reported through April 12. The working nature of the Pinnacle has been maintained for these months. Saturday, Sunday, and Wednesday at 10:30.

The interpretive staff supplied speakers for a number of off-site programs during the month. The film Highlights of the Everglades is being used several times a week by various groups and organizations.

While the general visitation has dropped, we have seen into the record field trip season. On most Fridays and Saturdays we have had one or three groups of school children visit the Park.

The large fossil exhibit has been completed and installed in the exhibit room at Royal Palm.

Below is the tabulation of visitor statistics with dates April.

| Guided Visits | Number | Attendance |
|---------------|--------|------------|
| Guided Visits | 21     | 1,422      |
| Guided Visits | 21     | 1,300      |
| Guided Visits | 18     | 1,200      |
| Guided Visits | 7      | 522        |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

**Talks**

|                         | Number | Attendance |
|-------------------------|--------|------------|
| Royal Palm              | 91     | 3,126      |
| Flamingo                | 30     | 2,543      |
| Campfires & Audiovisual | 11     | 373        |
| Specials                | 8      | 522        |

Roving contacts 2,052 ✓

**Attended Stations**

|                              |        |
|------------------------------|--------|
| Parachute Key Visitor Center | 9,552  |
| Royal Palm                   | 13,212 |
| Flamingo                     | 600    |

**Self-guiding Devices**

|                   |        |
|-------------------|--------|
| Anhinga Trail     | 13,470 |
| Gumbo Limbo Trail | 12,980 |
| Pinelands Trail   | 9,640  |
| Mahogany Hammock  | 9,370  |
| Pa-hay-o-see      | 12,480 |
| Mangrove Trail    | 8,370  |
| Flamingo Museum   | 8,880  |

Off-site Programs 7      454

**Total Interpretive Contacts, April, 1964** 111,744

**Research & Observations**

On April 11 about 350 birds were observed nesting on Cuthbert Rookery. The majority were common egrets, snowy egrets, cormorants and anhingas. There were about 250 wood storks, but they did not display any nesting activity. On April 24 about 80 storks were observed merely standing around and only one stork nest (with two half grown young in it) was seen. This probably is the only stork's nest in South Florida.

There is also nesting activity on Frank Key where a blue heron's nest was observed containing two blue and one white young. Over 100 roseate spoonbills could be seen roosting daily over the western mangrove fringe of the island.

**Personnel**

Ranger Naturalist Samuel W. Mendlen was promoted from GS 4, to GS 5.

**Miscellaneous**

Ranger Cunningham accompanied Dr. Shoemaker and 17 students from the U. of Illinois ecology field course to Snake Bight, Bear Lake Road, and Flamingo on April 3.

Among others who were assisted and guided were Dr. Kai Curry-Lindahl and Dr. Leslie Tuck, wildlife photographer Frederick Truslow, and NPS photographer Woodridge Williams.

| Attendance | Number | Notes                                     |
|------------|--------|---|
| 1,150      | 31     | Royal Palm                                |
| 1,200      | 30     | Palm                                      |
| 1,250      | 29     | Cambridge & Cambridge                     |
| 1,300      | 28     | Specimen                                  |
| 1,350      | 27     | Living specimens                          |
| 1,400      | 26     | Attended Stations                         |
| 1,450      | 25     | Parachute Key Visitor Center              |
| 1,500      | 24     | Royal Palm                                |
| 1,550      | 23     | Palm                                      |
| 1,600      | 22     | Self-guiding devices                      |
| 1,650      | 21     | Archery Trail                             |
| 1,700      | 20     | Cambridge Island Trail                    |
| 1,750      | 19     | Palm Island Trail                         |
| 1,800      | 18     | Manatee Highway                           |
| 1,850      | 17     | Palm                                      |
| 1,900      | 16     | Manatee Trail                             |
| 1,950      | 15     | Thinning Museum                           |
| 2,000      | 14     | Off-site Projects                         |
| 2,050      | 13     | Total Interpretive Collection, April 1-31 |
| 2,100      | 12     |   |

Razors & Observations  
 On April 11 about 120 birds were observed nesting on Cambridge Island. The majority were common terns, many egrets, foraminifera and mangroves. There were about 150 nests, but they did not appear to be nesting activity. On April 14 about 20 birds were observed nesting activity around and only one nest (with two half grown young in it) was seen. This probably is the only start's nest in South Florida.

There is also nesting activity on Palm Key where a blue heron's nest was observed containing two blue and one white young. Over 100 mangrove specimens could be seen remaining daily over the western mangrove fringe of the island.

Personnel  
 Ranger Naturalist James H. Wadell was promoted from GS 4 to GS 5.

Miscellaneous  
 Ranger Camille accompanied Dr. Swenson and 11 students from the U. of Illinois biology field course to South Florida, near Lake Ford, and Fleming on April 3.

Among others who were assisted and guided were Dr. Bill Curry-Lindahl and Dr. Leslie Tuck, wildlife photographer. Thomas T. Traylor, and 125 photographer Norridge Williams.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK  
and

FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

May 3, 1964

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for April, 1964

Interpretive Facilities and Planning

The summer schedule of naturalist activities went into effect on April 13, however, there was good attendance at evening programs until the 25th of the month when there was the usual seasonal drop in visitation.

Evening campfire programs were discontinued as of the 10th of the month. Boat-a-cades were discontinued because of lack of response and interest in this activity during the months it was scheduled. Morning nature walks were curtailed to 3 a week beginning April 13th. They are now scheduled for Sat. Sun. and Wed. at 10:30 AM. Evening programs are continued on a nightly basis.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 30            | 2,543             |
| Campfire Talks   | 2             | 115               |
| Morning Walks    | 19            | 409               |
| Information Desk |               | 600               |

---

Total 3,667

Miscellaneous

Naturalist Cunningham accompanied Dr. Shoemaker and 17 students from the Ecology Field Course of the U. of Illinois to Snake Bight, Bear Lake Road and Flamingo area on April 3rd.



Naturalist Mrazek conducted Dr. Long and group of 11 plant taxonomy students from U. of South Florida on a field trip in the Long Pine Key area on April 14th.

Mrazek transported and assisted the following on a field trip to E. and N.W. Cape Sable and Shark and Joe Rivers on April 22nd: NPS Photographer Woodridge Williams, Dr. Leslie Tuck, Biologist, Canadian Wildlife Service, Newfoundland, Canada; and Dr. Kai Curry-Lindahl, ornithologist, Nordiska Museum, Stockholm, Sweden.

Mrazek took Wildlife Photographer Frederick Truslow to Palm Key on April 26 to take his last pictures of the nesting ospreys for the forthcoming article in the National Geographic Magazine.

Both Mrazek and Cunningham spent a great deal of time this month with Drs. Lindahl and Tuck and NPS photographer Williams guiding and assisting them in their work in the park.

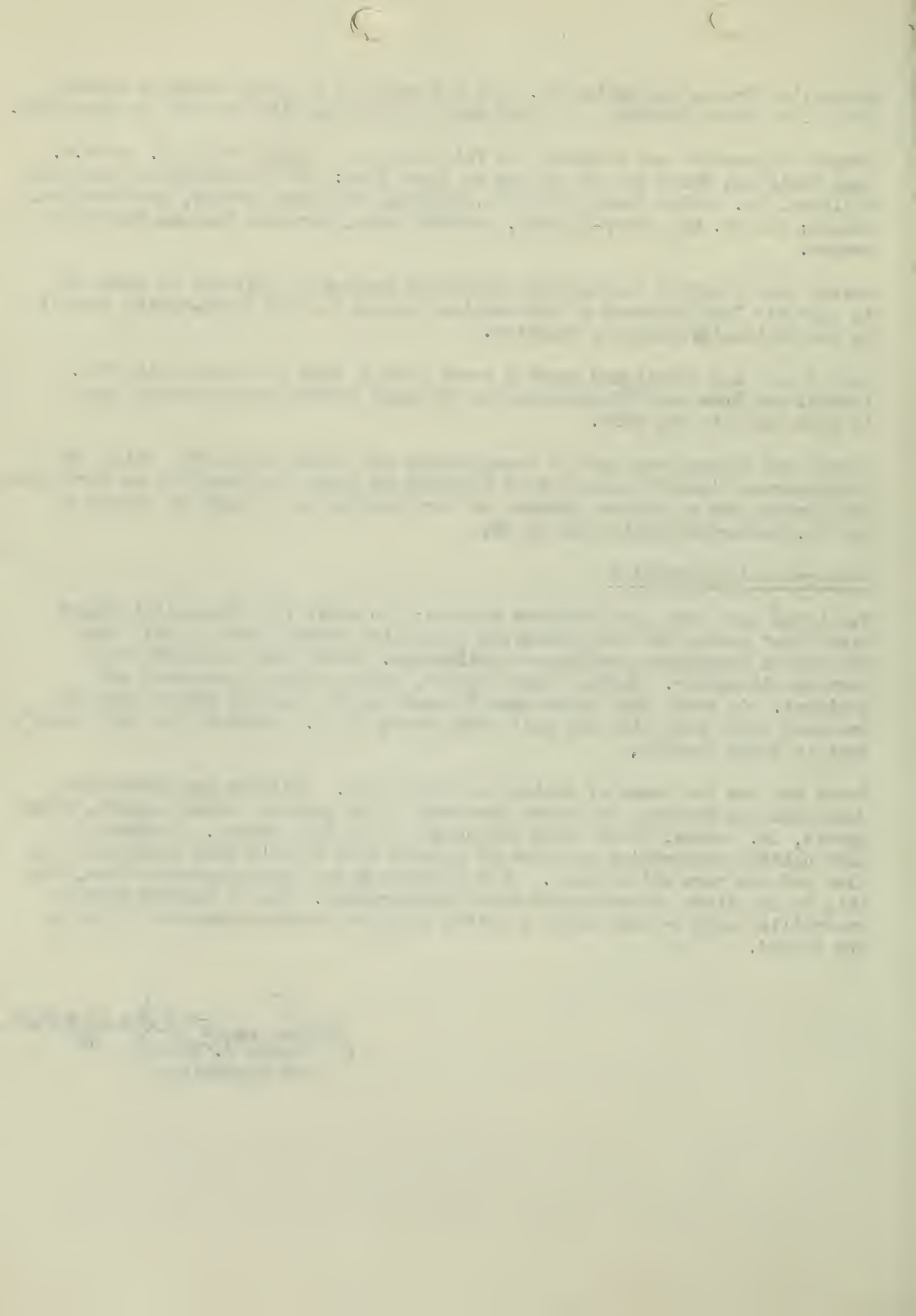
Mrazek and Sloane took part in transporting and accompanying Bill Bolte and newspaperman Bischoff and party of 6 others on a trip to Frank Key on April 29th. The purpose was to obtain pictures of bird banding for a story to appear in the Ft. Lauderdale Daily News in May.

#### Research and Observation

Two trips were made into Cuthbert Rookery: on April 11th Naturalist Mrazek with Chief Naturalist Christensen and Naturalist Zimmer, and on April 24th Naturalist Cunningham and Ranger Castleberry. There were about 600 birds nesting altogether. Mostly Common Egrets, snowy egrets, cormorants and anhingas. On April 24th there were 80 wood storks standing around and only one wood stork nest with two half grown young in it. Probably the only stork's nest in South Florida.

Frank Key was the scene of nesting activity also. Pelicans and cormorants dominated the rookery, but there also were a few nests of common egrets, snowy egrets, La. herons, great white herons and great blue herons. Perhaps the most notable observation was that of a great blue heron's nest containing two blue and one pure white young. This phenomenon has been observed before, but this is the first of such nests to be photographed. Over a hundred roseate spoonbills could be seen daily roosting along the western mangrove fringe of the island.

  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT

N26 P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

June 5, 1964

Memorandum

To: Superintendent

From: Acting Chief Naturalist

Subject: Monthly narrative report, Interpretive Division, May, 1964

Overall visitor contacts were only about half of last month's total. Evening programs at Flamingo were continued nightly with light visitor attendance. Morning walks there, scheduled for Saturday, Sunday and Wednesday showed an increase of 78 people over April. There was an increase also in special groups mostly school groups on field trips, over last month. On May 15 and 16 the portable exhibit was used at the Family Camping Clinic at Owaissa Bauer.

Following is a tabulation of the visitor contacts for the month of May:

| Guided Walks | Number | Attendance |
|--------------|--------|------------|
| Gumbo Limbo  | 32     | 704        |
| Anhinga      | 21     | 713        |
| Flamingo     | 12     | 107        |
| Special      | 18     | 1,069      |

| Talks      | Number | Attendance |
|------------|--------|------------|
| Royal Palm | 54     | 1,737      |
| Flamingo   | 31     | 1,062      |
| Specials   | 18     | 1,069      |

|                 |     |
|-----------------|-----|
| Roving contacts | 998 |
|-----------------|-----|

| Attended Stations            | Attendance |
|------------------------------|------------|
| Parachute Key Visitor Center | 7,162      |
| Royal Palm                   | 12,000     |
| Flamingo Information Desk    | 280        |

| Self-guiding Devices | Attendance |
|----------------------|------------|
| Anhinga              | 10,430     |
| Gumbo Limbo          | 9,100      |
| Pinelands            | 6,750      |
| Mahogany Hammock     | 5,090      |
| Pa-hay-okee          | 6,180      |
| Mangrove             | 5,860      |
| Flamingo Museum      | 6,000      |

2354  
7162

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

From: Acting Chief Meteorologist

Subject: Monthly Statistical Report, Intelligence Division, May, 1964

Twenty Chemical Clinics at Overseas Bases.  
Over last month, the way is now in the portable units has been the  
increase also in special groups mostly around bases on their way.  
Ministry about an increase of 75 people over April. There was an  
attendance. Showing with there, sometimes the necessary. During the  
existing program at Bismarck were coming slightly with light relief  
"and" visitor contacts were only about half of last month's total.

Full-time as a supervisor of the printing business for the past 10 years.

| Category              | Item        | Value |
|-----------------------|-------------|-------|
| Self-feeding business | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
|                       | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
| Timothy Hay           | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
|                       | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
| Hay                   | Hay         | 1,400 |
|                       | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
|                       | Timothy Hay | 1,400 |
| Timothy Hay           | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
|                       | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
| Timothy Hay           | Timothy Hay | 1,400 |
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|                       | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
| Timothy Hay           | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
|                       | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
| Timothy Hay           | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |
|                       | Timothy Hay | 1,400 |
|                       | Hay         | 1,400 |

Off site programs

|                                   |   |    |
|-----------------------------------|---|----|
| Schools (Avocado school)          | 1 | 90 |
| Service Organizations             |   |    |
| Northwest Hollywood Civic Ass'n   |   | 99 |
| Other (Ohio Club, Ft. Lauderdale) |   | 98 |

Total Visitor Contacts

---

76,598

Assistant Chief Naturalist Haugen returned from Harpers Ferry and Naturalist Taylor returned from Grand Canyon.

On May 19, the interpretive staff attended an all day training session at Park Headquarters.

Naturalist Mrazek began a study of the Plant ecology and plant succession of the recently formed spoil bank offshore from the Flamingo Campground. He and Ranger Cunningham made two trips to study the ecology of the area and to census the Least Tern and Wilson's Plover population.

On May 20 Ranger Holden assisted Cunningham in bird banding operations. However, of over 100 previously counted tern nests with eggs the week before, no intact nests or eggs could be found on May 20. Eggs that could be found were broken, and a ground predator, possibly the raccoon was suspected. Three Wilson's Plover young were banded.

On May 20, Rangers Cunningham and Holden observed two adult and one sub-adult American Flamingos fly by heading towards Snake Bight. These three birds are apparently the first observed in the Park since October 1963. Flamingos were also observed at West Lake on May 25, 26, and 27.

Naturalist Sloane began a study of possible trails in the Flamingo area and submitted plans for a trail on Christian Point to Snake Bight..

Ranger Cunningham is revising the Park Bird Checklist to be published as a separate for Park Visitors and in serial form in an ornithological publication. He has recently become the editor for the Florida Region for Audubon Field Notes.

Naturalist Sloane began a study of beach erosion at Cape Sable and made trips to the Cape with Ranger Holden to begin staking and other preliminary work.

Mrs. Ruth Mendlen was promoted from Park Guide, GS 4 to same, GS 5.

The project for the protection from predation of the loggerhead turtle

The project for the production of the *Psychological Bulletin*

has been decided and presented to the Board, on 4 to 5, 1911.

Historical Bulletin began a study of some of the most important  
of the past and present history of the human mind and other  
topics.

For *Analysis of the Mind*.

Project Committee is reviewing the work of the Committee on the  
as a separate for the *Psychological Bulletin* and in which there is an  
publication. It has recently become the subject for the *Psychological Bulletin*.

and selected also for a special on *Psychological Bulletin* to be published.

Editorial Board began a study of *Psychological Bulletin* in the *Psychological Bulletin*  
and selected also for a special on *Psychological Bulletin* to be published.

On May 10, 1911, the *Psychological Bulletin* was published. It was  
however, of over 100 previously published *Psychological Bulletin* were  
before, no subject matter was given to the *Psychological Bulletin*.  
could be found in the *Psychological Bulletin*, and a *Psychological Bulletin* was  
was suggested. *Psychological Bulletin* was published.

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however, of over 100 previously published *Psychological Bulletin* were  
before, no subject matter was given to the *Psychological Bulletin*.  
could be found in the *Psychological Bulletin*, and a *Psychological Bulletin* was  
was suggested. *Psychological Bulletin* was published.

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MAY 1 1954

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nesting was started during the month, with many of the Park staff spending hours on the Cape Sable beach most evenings. Records will be kept on the effectiveness of various repellents and methods of protection.

Enclosure

To: Chief of the Bureau

From: Chief of the Park, **Robert T. Haugen**

Subject: BIRD NESTING ON CAPE SABLE BEACH

Reference is made to the letter of May 1, 1954.

During the past week there have been a great many light winter storms. These are a slight risk to the birds, but it is hoped that the birds will be able to withstand them.

During the past week there have been a great many light winter storms. These are a slight risk to the birds, but it is hoped that the birds will be able to withstand them.

Enclosure

Enclosed for the Bureau are two copies of the report of the field work.

Respectfully,  
Robert T. Haugen, Chief of the Park

Enclosure

| Project   | Cost | Amount |
|-----------|------|--------|
| Project 1 | 10   | 3.40   |
| Project 2 | 10   | 3.40   |
| Project 3 | 10   | 3.40   |
| Total     |      | 10.20  |

Enclosure

During the past week there have been a great many light winter storms. These are a slight risk to the birds, but it is hoped that the birds will be able to withstand them.

NOTE: The above information is for informational purposes only and should not be used for any other purpose. The information is not to be used for any other purpose.

George T. Rogers

RECEIVED  
JUN 2 1964  
EVERGLADES  
NATIONAL PARK

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

June 1, 1964

Memorandum:

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for May, 1964

Interpretive Facilities and Planning

Evening programs were continued nightly with light visitor attendance. There was a slight drop in attendance of 97 people as compared with May of 1963.

Morning walks were scheduled for Saturday, Sunday, and Wednesday mornings. The morning walks were well attended. Of the 14 scheduled walks 12 were carried out, showing an increase of 78 people over May of 1963.

Interpretive Services

District Naturalist Mrazek was absent on annual leave for two weeks.

Naturalists Sloane and Cunningham attended a Naturalist Training session at Park Headquarters on May 19.

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            | 1,062             |
| Morning Walks    | 12            | 107               |
| Information Desk |               | 280               |
| Total            |               | 1,449             |

Miscellaneous

Naturalist Sloane began a study of possible trails in the Flamingo area and submitted plans for a trail on Christian Point to Snake Bight.



## Research and Observation

Naturalist Sloane began a study of beach erosion at Cape Sable and made trips to the Cape with Ranger Holden to begin staking and other preliminary work.

Naturalist Mrazek began a study of the plant ecology and plant succession of the recently formed spoil bank offshore from the Flamingo Campground.

Naturalists Mrazek and Cunningham made two trips to the Flamingo Campground spoil bank to study the plant ecology of the area and to census the Least Tern and Wilson's Plover population. On May 20 Ranger Holden assisted Naturalist Cunningham in bird banding operations. However, of over 100 previously counted tern nests with eggs the week before, no intact nests or eggs could be found on May 20. Eggs that could be found were broken and a ground predator, possibly the Raccoon, was suspected. Three Wilson's Plover young were banded.

At the Flamingo Campground spoil bank on May 20 Ranger Holden and Naturalist Cunningham observed two adult and one subadult American Flamingos fly by heading towards Snake Bight. These three birds are apparently the first observed in the Park since October, 1963.

On May 18 Park Biologist Robertson met with Park Naturalist Cunningham to discuss research problems of mutual interest and with relation to Everglades National Park.

Naturalist Cunningham is revising the Park Bird Checklist to be published as a separate for Park Visitors and in serial form in an ornithological publication. Naturalist Cunningham has also recently become the editor for the Florida Region for Audubon Field Notes and will be able to reach several thousands of people on information about the birds of the Park.

*Richard L. Cunningham*  
Richard L. Cunningham  
Park Naturalist



Mr. Art Sloan of the  
N26  
EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

July 8, 1964

Memorandum

To: Superintendent

From: Acting Chief Naturalist

Subject: Monthly narrative report, Interpretive Division, June 1964

Interpretive Facilities and Services: Travel was only slightly lower than last month. This slump should end and an upward trend start with July if summer travel follows the last year's pattern.

Several off-site talks were given. One was a TV program on WINK, Ft. Myers, Fla. which featured Chief Park Naturalist Christensen. Naturalists Cunningham and Haugen returned from annual leave.

Twelve exhibits were received from the Museum Laboratory for installation on the Anhinga, Gumbo Limbo trails and the wayside shelter at West Lake. The text and drawings for 73 metal photo labels have been completed and the plates ordered.

Naturalists Mrazek and Sloane have started the changing of the labels on the Mangrove self-guiding trail. New signs are being used and the signs now face both directions on road and canal to make them easier to read and also they can be seen from a greater distance.

Vandals have destroyed several lift boxes and have removed several trail labels.

On Sunday, June 21, Mrs. Hayse of the Miami Public Library Tech. Services Division and 26 members of the staff organization, plus Mrs. Beverly Russell of the Naturalist Division and volunteer helper Mrs. Helen Burroughs took the first step in cataloging and indexing the Park library. The work consisted of writing out order slips for Library of Congress cards for each of the publications in the library. The entire group worked most of the day and Mrs. Burroughs and Mrs. Russell have continued to put in many hours to complete the task. Once the project is complete the library will be much more usable and easier to manage.

INTERNATIONAL NATIONAL BUREAU  
AND  
FOOT INTERNATIONAL NATIONAL BUREAU  
P. O. BOX 117  
WASHINGTON, DISTRICT OF COLUMBIA

100

July 2, 1954

Memorandum

To: Bureau of Information

From: Acting Chief, Information

Subject: Monthly Executive Report, International National Bureau, June 1954  
International National Bureau and Foot International: Bureau was held in monthly session June 1st. This session was held in the same room as the previous session. The session was held in the same room as the previous session. The session was held in the same room as the previous session.

Executive Committee: The Executive Committee was held in the same room as the previous session. The Executive Committee was held in the same room as the previous session. The Executive Committee was held in the same room as the previous session.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

Mr. Art Olsen of the Washington Audio Visual Laboratory visited the park on his annual leave. Art took about two and one-half hours of his time to clean and adjust the Bogen units that run the Visitor Center slide program.

Research and Observation: Several night trips have been made to Cape Sable area to check on the turtle nesting. Again this year raccoons have destroyed many of the nests.

The insect situation has made the use of many of the trails in the park rather unpleasant.

Following is a tabulation of the visitor contacts for the month of June:

| <u>Guided Walks:</u> | <u>Number</u> | <u>Attendance</u> |
|----------------------|---------------|-------------------|
| Gumbo Limbo          | 32            | 501               |
| Anhinga              | 24            | 504               |
| Flamingo             | 7             | 39                |
| Special              | 4             | 207               |

| <u>Talks:</u> | <u>Number</u> | <u>Attendance</u> |
|---------------|---------------|-------------------|
| Royal Palm    | 58            | 1,505             |
| Flamingo      | 30            | 742               |
| Specials      | 5             | 244               |

| <u>Roving Contacts:</u> | <u>Attendance</u> |
|-------------------------|-------------------|
|                         | 941               |

| <u>Attending Stations:</u>   | <u>Attendance</u> |
|------------------------------|-------------------|
| Parachute Key Visitor Center | 7,916             |
| Royal Palm                   | 11,500            |
| Flamingo Information Desk    | 310               |
| Audiovisual                  | 2,638             |

| <u>Self-Guiding Devices:</u> | <u>Attendance</u> |
|------------------------------|-------------------|
| Anhinga                      | 12,000            |
| Gumbo Limbo                  | 7,000             |
| Pinelands                    | 5,000             |
| Mahogany Hammock             | 5,000             |
| Pa-Hay-Okee                  | 6,100             |
| Mangrove                     | 5,000             |
| Flamingo Museum              | 7,000             |

| <u>Off-Site Programs:</u> | <u>Attendance</u> |
|---------------------------|-------------------|
| Schools                   |                   |
| Service Organizations     | 200               |
| Ft. Myers TV Program      | 35,000            |

|   |                       |
|---|-----------------------|
| <b>TOTAL VISITOR CONTACTS . . . . .</b> | <b><u>106,709</u></b> |
|---|-----------------------|

Ernst Christensen

Mr. and Mrs. J. H. Smith of the Washington Hotel, 70 West Broadway, advised me  
that on his annual leave, Mr. Smith spent two or three days at  
his home in New York City and visited the hotel which was the reason  
for his presence.

Names have changed over the years.  
One has to be alert to the facts.  
Many of the names are now lost.

The above information was made the basis of many of the results in the  
present paper.

It should be noted that the above information is not intended to be a substitute for the information provided by the individual concerned.

1. The first part of the document is a letter from the President of the United States to the President of the Senate, dated January 1, 1877. The letter is signed by Rutherford B. Hayes and is addressed to Charles Schreyer.

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |
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| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388</ |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|

W. J. Jones & Co.  
New York City, N. Y.

THE UNIVERSITY OF CHICAGO



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

July 1, 1964

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for June, 1964

Interpretive Facilities and Planning

Attendance at evening programs dropped 31% below the attendance for the same month last year. This has probably been due to the unusually heavy infestation of mosquitoes following deluges of rain during the early part of the month. Participation in morning walks also was discouraged to a great extent by the mosquitoes.

Work has begun on rehabilitating the self-guiding mangroveland nature trails. Missing signs are being replaced and the others repainted and placed in more conspicuous positions with the numbers on each side so that they can be seen when approached from either direction.

Interpretive Services

Naturalist Cunningham was on annual leave for two weeks during the month.

Interpretive Contacts for the Month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 30            | 742               |
| Morning Walks    | 7             | 39                |
| Special Talk     | 1             | 35                |
| Information Desk |               | 310               |

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Total 1,126



## Miscellaneous

Naturalist Mrazek gave a 20 minute talk to a group of 35 Turkish teachers (through an interpreter) on June 15th.

## Research and Observation

A great deal of emphasis was directed toward the sea turtle nesting on Cape Sable during this time of the year. Several night trips were made to the beach with little success at spotting a nesting turtle. As normally occurs, there has been almost 100% predation on the eggs by raccoons. A program of raccoon removal, (possibly by trapping) shortly before the turtle nesting season next year, should be given serious consideration.

After the torrential rains at the month's start - many birds, including six glossy ibis were seen feeding in the grassy area between the service station and the bridge. Curious as to their food supply, Mrazek waded out to take a look. Several full grown fresh water crawfish were caught by hand. These creatures must have some method of burrowing and existing beneath the dry marl crust during the winter months - to reappear within a few days after the area floods over.

  
Vincent J. Mrazek  
Park Naturalist





*Naturalist File*

UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and

FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

Y REFER TO:

N26

August 5, 1964

Memorandum

To: Superintendent

From: Chief Naturalist

Subject: Monthly narrative report, Interpretive Division, July 1964

Interpretive Facilities and Services: Visitors have increased over last month although total travel figures show a decrease. This is caused by the 35000 contacts claimed for the T.V. program given in June.

Off-site programs continue to be given by members of the staff and ten special groups came to the Visitor Center and Royal Palm this month.

Forty science teachers studying plant ecology under a National Science Grant at University of South Florida made their second annual field trip to the Park. They were accompanied by Naturalist Mrazek and Collaborator Dr. Craighead.

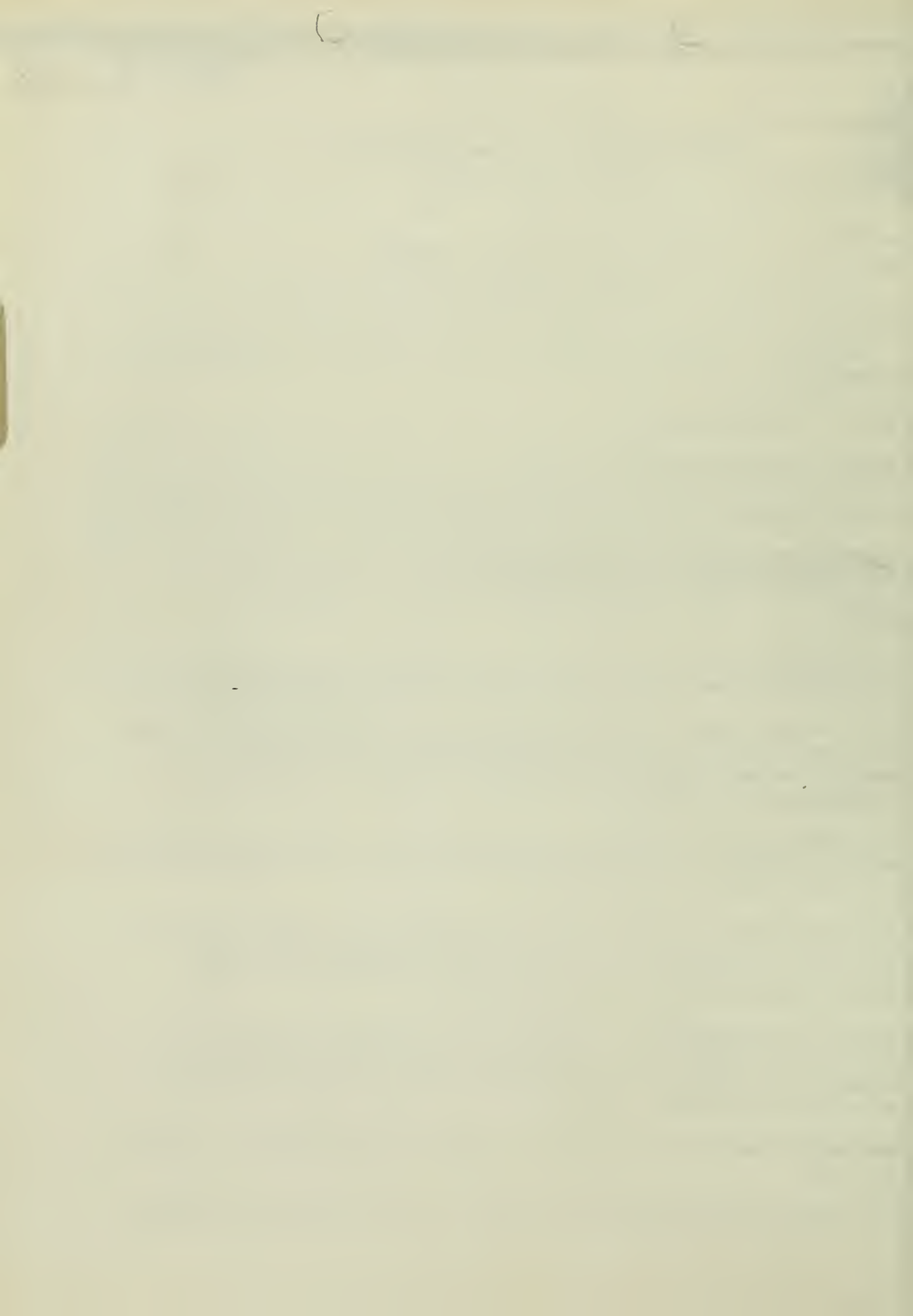
Chief Naturalist Christensen and Naturalist Zimmer spent several days at Fort Jefferson inspecting interpretive facilities and planning for future additional facilities and exhibits.

Ranger-Naturalist Victoria Sullivan resigned and the entire Park staff was sorry to see her leave. Miss Sullivan is taking an extensive trip through the Western United States and in September will enter graduate school at Florida State University.

Research and Observations: Assistant Chief Naturalist Haugen went to the White Ibis night roost in Chokoloskee Bay on the concessioner's (Sammy Hamilton) boat. It is without a doubt the finest bird "show" we can offer the summer visitor.

Many White-Crowned Pigeons have been reported in the Flamingo - Florida Bay area.

The water level has dropped very rapidly in Royal Palm area this month.



# UNITED STATES

## DEPARTMENT OF THE INTERIOR

Following is a tabulation of the visitor contacts for the month of July:

### Guided Walks:

Gumbo Limbo

Anhinga

Flamingo

Special

Number

10

51

11

10

Attendance

313

1,428

112

420

### Talks:

Royal Palm

Flamingo

Special

51

31

5

2,045

1,240

460

### Roaming Contacts:

1,402

### Attending Stations:

Parachute Key Visitor Center

Royal Palm

Flamingo Information Desk

Aerial Visual

9,613

15,000

601

3,204

### Self-Guiding Devices:

Anhinga

Gumbo Limbo

Pinelands

Mahogany Hammock

Pa-Hay-Okee

Mangrove

Flamingo Museum

14,500

12,100

6,800

5,840

7,340

6,200

11,000

### Off-Site Programs:

Schools

Service Organizations

1

4

48

457

### TOTAL VISITOR CONTACTS

36,919

TV Program Lt. Myers

35,000

Total

13,919

Ernest T. Christensen

RTHaugen:mbg





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P. O. Box 279

Homestead, Florida

August 2, 1964

IN REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for July, 1964

Interpretive Facilities and Planning

Attendance at evening programs continued slightly below that of the corresponding months last year, however, there was an increase in the number of participants for morning walks.

Work continued on the Mangroveland Nature Guide markers during the month. Completion of the project now awaits delivery of aluminum sign plates which have been on order for several weeks.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 31            | 1,240             |
| Morning Walks    | 11            | 112               |
| Special Walk     | 1             | 40                |
| Information Desk |               | 601               |
| Total            |               | 1,993             |

Miscellaneous

Naturalist Mrazek accompanied Dr. Craighead and a charter bus group of 40 science teachers who are studying plant ecology at the University of South Florida on a inspection tour of the various plant communities of the park on July 28th.



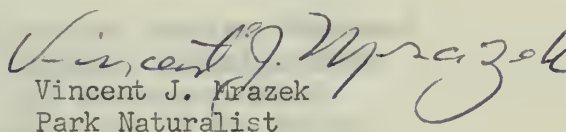
## Research and Observation

Naturalist Cunningham is working on the preparation of material for a forthcoming publication on birds of the park.

A pair of night hawks raised their two young along the road shoulder near the Flamingo bridge in the face of dangers from motor vehicles and predation by bob cats and racoons. The eggs hatched on July 2nd. Cunningham banded both young on July 10th and on July 25th one of the young was found dead in the road near the nesting site. Apparently it had just begun to fly and was hit by a passing automobile.

Many White Crowned Pigeons were observed flying over the road in the vicinity of Nine Mile Bond from July 9th through the end of the month.

The East River Rookery was visited by the Flamingo naturalists on July 19th with no nesting of any kind observed.

  
Vincent J. Mrazek  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N26

September 8, 1964

Memorandum

To: Superintendent

From: Acting Chief Naturalist

Subject: Monthly narrative report, Interpretive Division - August 1964

Interpretive Facilities & Planning

A meeting was held August 19 with Regional Naturalist Schultz, Regional staff member Squiers, Superintendent Joseph, Assistant Superintendent Burroughs, Chief Park Naturalist Christensen, and Assistant Chief Naturalist Haugen attending to discuss the revaluation of the entire interpretive plan for Everglades.

A meeting was held about the Shark Valley Loop Road. It was decided that signs would be produced from Park funds by Park personnel to provide interim interpretation for that area. Chief Naturalist Christensen and Naturalist Zimmer have been hard at work on this project.

Interpretive facilities were closed the afternoon of August 26 to permit personnel to secure the stations for protection from hurricane Cleo. Personnel were excused to go home upon the completion of the yellow alert preparations. All were on duty the following morning and the Visitor Center, Royal Palm, and Flamingo provided their regular programs.

Mrs. Mendlen has completed the project of putting all the slides in the slide library into plastic slide protectors.

PERSONNEL

The Chief Naturalist left August 31 on annual leave. The naturalist secretary, Mrs. Russel was on annual leave at Fort Jefferson the early part of the month. Naturalist Zimmer started her annual leave August 12 to visit with her mother some of the western parks. Mr. John Leppert, a local teacher, was added to the interpretive staff on a WAE appointment. Seasonal Park Naturalist Sam Mendlen completed his season with the Park and is now on furlough.

EVANSVILLE NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
V. O. Box 219  
HONOLULU, HAWAII 96809

September 8, 1964

N2A

Memorandum

To:

Superintendent

From:

Acting Chief Naturalist

Subject: Monthly narrative report, Interpretive Division - August 1964

Interpretive Facilities at Eversglades

A meeting was held August 12 with Regional Naturalist Schuler, Regional staff member Spuler, Superintendent Joseph, Assistant Superintendent Burroughs, Chief Park Naturalist Christensen, and Assistant Chief Naturalist Wagner attending to discuss the renovation of the entire interpretive plan for Eversglades.

A meeting was held about the Shark Valley Loop Area. It was decided that signs would be produced from Park funds by Park personnel to provide interpretive interpretation for that area. Chief Naturalist Christensen and Naturalist Zimmer have been hard at work on this project.

Interpretive facilities were closed the afternoon of August 25 to permit personnel to secure the station for protection from hurricanes. Personnel were excused to go home upon the completion of the yellow alert preparations. All were on duty the following morning and the Visitor Center, Royal Palm, and Kingspo provided their regular programs.

Mrs. Madden has completed the project of putting all the slides in the slide library into plastic slide protectors.

PERSONNEL

The Chief Naturalist left August 31 on annual leave. The naturalist secretary, Mrs. Russell was on annual leave at Fort Jefferson the early part of the month. Naturalist Zimmer started her annual leave August 12 to visit with her mother and the western part of the island. A local teacher, who added to the interpretive staff on a part-time basis, was added to the interpretive staff on a part-time basis. Seasonal Park Naturalist Don Manning completed his season with the Park and is now on furlough.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
WILDLIFE DIVISION

Research & Observation

Naturalist Sloane submitted his plan of study on the Cape Sable erosion research project. The first Marsh Hawk of the season was seen near the Flamingo bridge on August 25.

Interpretive Services

Following is the tabulation of visitor contacts for August.

| <u>Guided Walks</u> | Number | Attendance |
|---------------------|--------|------------|
| q Gumbo Limbo Trail | 44     | 1,261      |
| Anhinga Trail       | 17     | 535        |
| Flamingo            | 12     | 103        |
| Specials            | 2      | 200        |

| <u>Talks</u> | Number | Attendance |
|--------------|--------|------------|
| Royal Palm   | 61     | 1,994      |
| Flamingo     | (28)   | (1,156)    |
| Specials     | 2      | 200        |

|                        |       |
|------------------------|-------|
| <u>Roving Contacts</u> | 1,565 |
|------------------------|-------|

|                              |        |
|------------------------------|--------|
| <u>Attended Stations</u>     |        |
| Parachute Key Visitor Center | 8,631  |
| Royal Palm                   | 15,000 |
| Flamingo Information Desk    | 465    |

|                             |        |
|-----------------------------|--------|
| <u>Self Guiding Devices</u> |        |
| Anhinga Trail               | 15,300 |
| Gumbo Limbo                 | 13,000 |
| Pinelands                   | 7,200  |
| Mahogany Hammock            | 5,348  |
| Pa-hay-okee                 | 5,866  |
| Mangrove                    | 6,000  |
| Flamingo Museum             | 9,768  |

|                 |        |
|-----------------|--------|
| <u>Off site</u> | 47     |
|                 | 81,892 |
|                 | 2,877  |

*Audio Visual*

The one off-site program was given to the South Miami Rotary Club. There were visitors from 26 foreign countries and 44 states. Visitation was approximately 15% less this month over last( visitor contacts).

Robert T. Haugen

# Research & Observation

Naturalist Sloane submitted his plan of study on the Cape Girardeau research project. The first month of the season was used on the Yamacraw bridge on August 12.

## Interpretive Services

Following is the tabulation of visitor comments for August.

| <u>Guided Walks</u>         | <u>Number</u> | <u>Amount</u> |
|-----------------------------|---------------|---------------|
| Campe Limbo Trail           | 44            | 1,251         |
| Antelope Trail              | 17            | 333           |
| Flamingo                    | 11            | 209           |
| Specials                    | 5             | 200           |
| <u>Talks</u>                |               |               |
| Royal Palm                  | 11            | 1,204         |
| Flamingo                    | 10            | 1,150         |
| Specials                    | 3             | 200           |
| <u>Roaming Comments</u>     |               |               |
| Specials                    |               | 1,204         |
| <u>Attended Stations</u>    |               |               |
| Yamacraw Key Visitor Center |               | 1,204         |
| Royal Palm                  |               | 1,204         |
| Flamingo Information Desk   |               | 1,204         |
| <u>Self Guiding System</u>  |               |               |
| Antelope Trail              |               | 1,204         |
| Campe Limbo                 |               | 1,204         |
| Flamingo                    |               | 1,204         |
| Flamingo Swamp              |               | 1,204         |
| Road-View                   |               | 1,204         |
| Maritime                    |               | 1,204         |
| Yamacraw Museum             |               | 1,204         |
| <u>Off site</u>             |               |               |
|                             |               | 1,204         |

*John V. ...*

The off-site program was given to the local and nearby area. There were visitors from 16 foreign countries and 24 states. Approximately 125,000 visitors were seen (visitor comments).



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK  
and

FORT JEFFERSON NATIONAL MONUMENT

P. O. Box 279  
Homestead, Florida

September 1, 1964

IN REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for August, 1964

Interpretive Facilities and Planning

Visitor use of the area and attendance at interpretive programs was below normal for the month. Heavy mosquito infestations, hot, humid weather and the threat of Hurricane "Cleo" acted as deterrents to enjoyable park use.

Several discussions were held by interpretive personnel both at Flamingo and Headquarters regarding the scope of interpretive programs for the coming winter season at Flamingo. It was generally agreed that with no increase in personnel, programs would essentially be the same as last year.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 28            | 1,156             |
| Morning Walks    | 12            | 103               |
| Information Desk |               | 465               |
| Total            |               | 1,724             |



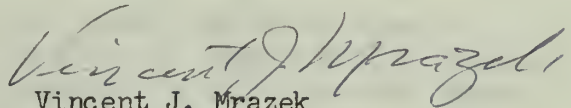
### Research and Observation

Naturalist Sloane submitted his study plan for the Cape Sable beach erosion research project.

The first Marsh Hawk of the season was seen near the Flamingo bridge on August 25th.

Migrating barn swallows have been moving through the park area for several weeks.

An epidemic of stinkbugs invaded the Flamingo area this month. They are somewhat of a nuisance at times with their offensive odor, especially when squashed by hand or underfoot.

  
Vincent J. Mrazek  
Park Naturalist

RECEIVED AT THE OFFICE OF THE

SECRETARY OF THE TREASURY  
WASHINGTON, D. C.

DEAR SIR: I have the honor to acknowledge the receipt of your letter of the 10th inst.

and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,  
Yours very truly,  
J. M. [Signature]

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

October 7, 1964

Memorandum

To: Superintendent  
From: Chief Park Naturalist  
Subject: Monthly narrative report, Division of Interpretation - September

Although overall Park travel was up again this month, the sharp rise in the mosquitoes in the middle of the month cut down the number of interpretive contacts this month. This drop is reflected mostly in the conducted walks. People would arrive and even start some of the programs, but give up in spite of the protection offered by repellents.

A temporary reduction in manpower at Flamingo has forced a cutback in the number of interpretive services offered the visitor. A similar situation takes place at Royal Palm during the morning and afternoon talk and walk. At this time, the window at the information desk has been closed during the slowest days of the week.

Considerable time is still being spent on the materials that are to go to the Shark Valley Loop Road. Six exhibits were prepared for printing. These will be used in "lift" boxes.

District Naturalist Mrazek left September 23 for the two month interpreter's training course at Stephen T. Mather Training Center, Harper's Ferry, West Virginia. Naturalist Cunningham is Acting District Naturalist during his absence.

Park Naturalist Taylor was on a two weeks duty a WASO working as Biology Editor in the Publications Section. His transfer has since come through, and he left close of business October 5.

Metalphoto labels were installed on Mangrove Trail to replace laminated labels which do not hold up in the sun.

Considerable time has been given to overall interpretive problems of the coming season and the rewriting of the Master Plan, Chapter Three.

Two thousand hatchling green turtles were released in Florida Bay on September 26. This is a continuation of the project commenced last year in cooperation with Dr. Carr of the University of Florida.

STANDARD FORM NO. 64  
OFFICE OF THE SECRETARY OF THE ARMY  
WASHINGTON, D. C. 20315  
MAY 1, 1954

Subject: ...

...

To: ...

From: ...

Subject: ...

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Following is a tabulation of the visitor contacts made this month:

| Guided Walks                 |  | Number | Attendance |
|------------------------------|--|--------|------------|
| Anhinga Trail                |  | 28     | 388        |
| Gumbo Limbo                  |  | 8      | 74         |
| Flamingo                     |  | 5      | 226        |
| Specials                     |  | 4      | 49         |
| Talks                        |  |        |            |
| Royal Palm                   |  | 35     | 496        |
| Flamingo                     |  | 25     | 345        |
| Specials                     |  | 4      | 49         |
| Roving Contacts              |  |        | 401        |
| Attended Stations            |  |        |            |
| Parachute Key Visitor Center |  |        | 3961       |
| Royal Palm                   |  |        | 1007       |
| Flamingo Information Desk    |  |        | 310        |
| Self-guided Devices          |  |        |            |
| Anhinga Trail                |  |        | 4000       |
| Gumbo Limbo Trail            |  |        | 6000       |
| Pinelands Trail              |  |        | 6000       |
| Pa-hay-okee                  |  |        | 4277       |
| Mangrove Trail               |  |        | 5000       |
| Flamingo museum              |  |        | 7000       |
| Off-site                     |  | 1      | 20         |
| Total interpretive contacts  |  |        | 42,108     |
| Audiovisual                  |  |        | 1,320      |

Ernst T. Christensen





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

REPLY REFER TO:

and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

October 2, 1964

Memorandum

To: Chief Park Naturalist

From: Park Naturalist Sloane

Subject: Monthly Narrative Report for September, 1964, Flamingo

Interpretive Facilities and Planning

Visitation dropped sharply, as is to be expected during this month. However, attendance was still far above that for September, 1963, and topped the all time September high of 1962 by about one per cent. Attendance was heavier during the first half of the month; in part this was caused by seasonal factors, but the appearance of an astounding number of mosquitoes around the middle of the month no doubt had a deleterious effect on travel. Evening programs were cancelled for three nights in a row because of lack of attendance. The morning walks were very poorly attended: seven out of the 12 scheduled walks were no-shows.

The last week of the month programs were cut back because of a temporary reduction in available manpower. Wednesday morning walks and Sunday evening talks were eliminated. At present, morning walks are held Saturdays and Sundays; evening programs are conducted six nights a week.

Interpretive Services

District Naturalist Mrazek left September 23 for the two-month interpreter's school at the Stephen T. Mather Training Center, Harper's Ferry, West Virginia. Naturalist Cunningham was appointed Acting District Naturalist in his absence.

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 25            | 345               |
| Morning Walks    | 5             | 26                |
| Information Desk |               | <u>310</u>        |
|                  | Total         | 681               |

Miscellaneous

A mistletoe cactus was stolen from the planter outside the museum on or



September 25.

On September 8 a Green Alert was called for Hurricane Dora, but cancelled the next day as the storm moved north.

Two bird feeders were built by Naturalists Cunningham and Sloane and Ranger Holden; these will be used during the winter in the Flamingo area.

### Research and Observations

About 2,000 hatchling green sea turtles received by air from Archie Carr's hatchery in Honduras were released in Florida Bay on September 26-27. The Chief Park Naturalist was assisted in this operation by Naturalists Zimmer and Sloane and Ranger Holden.

Representative marine life samples caught by the Institute of Marine Science in their study nets beneath the Button <sup>USA</sup> Canal bridge were presented to the Park.

Mosquitoes have been the most numerous forms of wildlife present. A combination of fair amounts of rain, abundant flows of water through the mangrove country from the everglades, and extra high tides around the autumn equinox helped by strong off-shore winds have provided near ideal conditions for the breeding of saltmarsh mosquitoes.

Naturalist Cunningham conducted several field trips in the Flamingo area in connection with research on fall bird migration in the Cape Sable region.

Bruce C. Sloane

Bruce C. Sloane  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
PORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

November 3, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report, Division of Interpretation - October 1964

The rains produced by the October storms raised the water levels in the Park and will serve to bring about the normal Fall accumulation and concentration of aquatic life in the permanent water holes. Water passing through the culverts is loaded with the smaller fish such as gambusia, etc.

The passage of Hurricane Isbell across the western and northern areas of the Park seemed to have had little effect on the Flamingo and Royal Palm areas. Many of the trees along Bear Lake and Snake Bight Roads, killed by Hurricane Donna and still standing, were either blown down or had branches broken off. No destruction of wildlife or displacement of pelagic birds was noted.

During the recent Fall migration, Naturalist Cunningham added three new species of birds to the Park list - Wilson's Phalarope, Philadelphia Vireo, and Chestnut-sided Warbler.

Quite a number and variety of birds are in evidence along the Park road and in the Taylor Slough area.

During the month, work progressed on exhibit material as well as on signs and markers to be installed along the Shark Valley Loop Road. Two lift exhibits were refurbished and reinstalled on the trails. Exhibits for the Gumbo Limbo and Anhinga Trails are being readied for installation as are the refurbished exhibits for Pa-hay-okee.

Interpretive Services

While there was an increase in Park use, it did not reach the level anticipated. This was due in part to the hurricane and the easterly wave. The rains also precipitated a new brood of mosquitoes which made the Gumbo Limbo and Mahogany Hammock pretty uninviting.

Naturalist Mrazek was absent the entire month on annual leave and attending the Stephen T. Mather Training Center. Naturalist Sloane was on annual leave for three weeks; thus the interpretive programs at Flamingo had to be curtailed to some degree. Naturalist Cunningham served as Acting District Naturalist during this time.



Following is a tabulation of visitor contacts for October:

| Guided Walks                 | Number | Attendance |
|------------------------------|--------|------------|
| Anhinga Trail                | 49     | 878        |
| Gumbo Limbo                  | 0      | 0          |
| Flamingo                     | 8      | 96         |
| Specials                     | 3      | 140        |
| Talks                        |        |            |
| Royal Palm                   | 49     | 877        |
| Flamingo                     | 17     | 767        |
| Specials                     | 4      | 190        |
| Roving Contacts              |        | 600        |
| Attended Stations            |        |            |
| Parachute Key Visitor Center |        | 5116       |
| Royal Palm                   |        | 2621       |
| Flamingo Information Desk    |        | 420        |
| Self-guiding Facilities      |        |            |
| Anhinga Trail                |        | 8320       |
| Gumbo Limbo Trail            |        | 6000       |
| Pinelands                    |        | 6960       |
| Pa-hay-okee                  |        | 4600       |
| Mangrove Trail               |        | 5900       |
| Mahogany Hammock             |        | 3380       |
| Flamingo Museum              |        | 8100       |
| Mangroveland Trail Leaflet   |        | 1200       |
| Off-site Programs            | 4      | 678        |
| Total Visitor Contacts       |        | 56843      |

*Audiovisual*

1710

Ernst T. Christensen



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

November 1, 1964

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report, October, 1964

Interpretive Facilities and Planning

Interpretive programs were necessarily reduced during the month due to periods of absence of both District Naturalist Mrazek and Naturalist Sloane. However, even with this reduced schedule the overall attendance at interpretive programs was higher for the month than for October 1963. Even though there were nine less evening talks than in 1963 the total attendance was higher by 39 people. Three more morning walks were given than in 1963 with an increase in attendance of 34 people.

With the absence of District Naturalist Mrazek evening programs were held nightly except for Sundays; morning walks were scheduled for Wednesday, Saturday, and Sunday. During the three week absence of Naturalist Sloane evening programs were given only on Tuesday, Friday, and Saturday nights; morning walks were scheduled only for Saturdays and Sundays.

Hurricane Isbell passed across the Gulf side of the Park near Everglades City on October 14. No Park visitors were allowed in the Flamingo area on that date.

Interpretive Services

District Naturalist Mrazek was absent the entire month attending the Stephen T. Mather Training Center. Naturalist Sloane was absent on annual leave for three weeks. Naturalist Cunningham officially joined the Naturalist Division during the month and was Acting District Naturalist until the return of Vince Mrazek.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
JANUARY 1950  
BY J. H. HARRIS

CHICAGO, ILL.

RECEIVED BY THE  
LIBRARY OF THE UNIVERSITY OF CHICAGO  
JANUARY 1950

CHICAGO, ILL.

The following is a list of the papers presented at the  
meeting of the American Chemical Society, held at  
Chicago, Illinois, on January 19, 1950. The papers  
were presented in the following order: 1. J. H. Harris,  
University of Chicago, "The Chemistry of the  
Transition Metals." 2. J. H. Harris, University of  
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Chicago, "The Chemistry of the Transition Metals."

## Interpretive contacts for the month:

| <u>Program</u>       | <u>Number</u> | <u>Attendance</u> |
|----------------------|---------------|-------------------|
| Evening Talks        | 17            | 767               |
| Morning Walks        | 8             | 96                |
| Special Talks        | 1             | 50                |
| Information Desk     |               | 420               |
| <i>Mangrove Tour</i> | <i>1200</i>   |                   |
|                      | Total         | <u>1,333</u>      |

Miscellaneous

The passage of Hurricane Isbell across the western and northern areas of Everglades National Park seemed to have had little effect upon the vegetation and wildlife in the Flamingo area. Naturalist Cunningham spent several hours in the field on several days following the storm investigating possible affects. Many trees, mostly mangroves although several hammock trees along Bear Lake and Snake Bight Roads, were either blown down or branches broken off. The majority of these trees had been killed by Hurricane Donna in 1960 and were still standing prior to Hurricane Isbell. I found no evidence of wildlife destruction in the area, nor any displacement of pelagic birds into the area.

Naturalist Cunningham began organization for the Coot Bay Christmas Bird Count to be held on December 27, 1964.

Naturalist Cunningham conducted a Dr. Williams, a virologist and ornithologist with the government of Uganda, through the area on two days with field trips to Snake Bight and other areas. Dr. Chamberlain of the U.S. Public Health Service accompanied us frequently.

Naturalist Cunningham gave a special talk and auto-cade on October 31 for about 50 Dade County biology teachers who were studying under the auspices of the National Science Foundation.

Research and Observation

Naturalist Cunningham continued his field research work on bird migration in the Flamingo-Cape Sable area. Some very significant data are being obtained for this area which is of ornithological importance to the state of Florida. Results of these findings are being published in Audubon Field Notes for which Naturalist Cunningham has been appointed an editor for the Florida Region. The spring migration issue (August, 1964) discussed the discovery of the possibility of a coastal hiatus for the Flamingo-Cape Sable area. Field research for the fall migration periods of 1963-64 has disclosed another significant migration theory - an eastward directional flight of diurnal migrants along the coastline. This will be reported in the February, 1965, issue of Audubon Field Notes. Reprints of published material have been sent to the Naturalist Office in care of Park Biologist Robertson.



During the recent fall migration Naturalist Cunningham added three new species of birds to the Park list (Wilson's Phalarope, Philadelphia Vireo, and Chestnut-sided Warbler) and observed several other species of rare occurrence in the Park. Continued field work in the Flamingo-Cape Sable area has made many extremely significant contributions to the knowledge of the ornithology of Everglades National Park and the overall knowledge of Park birds is increasing at a rather rapid rate.

A handwritten signature in cursive script, reading "Richard L. Cunningham". The ink is dark and the handwriting is fluid, with a large, stylized 'C' at the end.

Richard L. Cunningham  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N26

December 10, 1964

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report, Interpretive Division, November 1964

During the month interpretive material for the Shark Valley Loop Road have been constructed in the naturalist workshop. These consist of roadside markers cued to an information leaflet, lift box exhibits, and road signs.

An arrangement has been made with the Miami Museum of Natural Science whereby they will make study skins of road killed animals for the study collection in exchange for the long term loan of such materials that are in excess of Park needs. This will make it possible to catch up on the back log of skins needing preparation.

Interpretive Services

A number of groups - school groups, boy scouts, girl scouts - visited the Park in November.

The Air Stream Trailerites had a rally in Homestead and groups from this came out to the Park off and on for about a week. Three of these days there were several groups scheduled each day.

Naturalist Cunningham led a special autocade and bird walk for 45 members of the Tropical Audubon Society from Miami.

The Geological Society of America held a convention in Miami and scheduled several field trips into the Park. Naturalist Sloane was on several of these and gave a special talk to approximately 40 members of the Society. Quite a few of the members and their wives made additional unofficial visits to the Park.

On November 27, there was an estimated 250 people attending the evening program at Flamingo. This is of course, far more people than the small room should hold - people were sitting on the floors and standing outside looking in.

Chief Naturalist Christensen and Assistant Chief Naturalist Haugen gave several talks in the Miami area.

REPUBLICAN NATIONAL NEWS  
and  
WEST VIRGINIA NATIONAL NEWS  
P. O. BOX 100  
CHANDLER, OKLAHOMA 73024

WFO

October 14, 1964

Memorandum

To: Superintendent

From: Chief News Consultant

Subject: Security matters report, investigative activities, October 14, 1964

During the recent investigation conducted by the Chief News Consultant, there have been considerable changes in the editorial coverage. These changes in editorial coverage have been made in an effort to provide the public with the most accurate and complete information possible.

In addition, the Chief News Consultant has been able to obtain information from several sources which will enable the public to understand the situation more fully. This information will be made available to the public as soon as it is possible to do so. The Chief News Consultant is confident that the public will find this information to be of great value.

Investigative Activities

A review of the report of the Chief News Consultant, dated October 14, 1964, shows that the Chief News Consultant has been able to obtain information from several sources which will enable the public to understand the situation more fully.

The Chief News Consultant has been able to obtain information from several sources which will enable the public to understand the situation more fully. This information will be made available to the public as soon as it is possible to do so. The Chief News Consultant is confident that the public will find this information to be of great value.

Investigative Activities are being conducted by the Chief News Consultant, and the results of these activities will be made available to the public as soon as it is possible to do so.

The Chief News Consultant is confident that the public will find this information to be of great value. The Chief News Consultant is confident that the public will find this information to be of great value. The Chief News Consultant is confident that the public will find this information to be of great value.

On November 17, there was an attempt to obtain information from several sources which will enable the public to understand the situation more fully. This information will be made available to the public as soon as it is possible to do so. The Chief News Consultant is confident that the public will find this information to be of great value.

Chief News Consultant, Oklahoma City, Oklahoma. The Chief News Consultant is confident that the public will find this information to be of great value. The Chief News Consultant is confident that the public will find this information to be of great value.

The monthly travel figures for the Park during November, 1964 show an increase of 13% over the same month last year. However, participation in regularly scheduled interpretive programs is somewhat lower than November of 1963. In analyzing this, several factors should be considered: First of all, over-all travel counts include laborers at the missile site in the Hole-in-the-Donut; construction workers driving back and forth from Flamingo add to the total, and a larger number of hunters on their way to the Hole-in-the-Donut add their numbers to the total. The nuisance of misquitos produced by Fall rains have discouraged Park use, and finally personnel shortages and the need to divert some of the interpretive energies toward the preparation of interpretive material for the Shark Valley Loop Road have made it necessary to reduce the number of public contact personnel. Most of these factors will terminate soon and the number of interpretive contacts will increase markedly during the coming month.

A summary of the interpretive contacts for the month follows:

| Guided Walks                   | Number | Attendance |
|--------------------------------|--------|------------|
| Gumbo Limbo                    | 2      | 29         |
| Anhinga                        | 54     | 1465       |
| Flamingo                       | 11     | 237        |
| Specials                       | 9      | 440        |
| <br>Talks                      |        |            |
| Royal Palm                     | 58     | 1572       |
| Flamingo                       | 25     | 2125       |
| Specials                       | 1      | 40         |
| Autocade                       | 1      | 45         |
| <br>Roving Contacts            |        | 820        |
| <br>Self Guiding Devices       |        |            |
| Anhinga                        |        | 16000      |
| Gumbo Limbo                    |        | 15000      |
| Pinelands                      |        | 6102       |
| Mahogany Hammock               |        | 5533       |
| Pa-hay-ohce                    |        | 6541       |
| Mangrove                       |        | 4000       |
| Flamingo                       |        | 17600      |
| <br>Attended Stations          |        |            |
| - Parachute Key Visitor Center |        | 7160       |
| - Royal Palm                   |        | 14214      |
| Flamingo Information Desk      |        | 540        |
| <br>Off Site Programs          | 8      | 1071       |
| <br>Total                      |        | 100,534    |

Audiovisual

2,560



## FISHLAND NATIONAL PARK

### Research and Observations

Water is dropping at Royal Palm and wildlife is beginning to gather along the Anhinga trail.

At Coot Bay Pond there is an excellent bird and alligator show. Roseate Spoonbills and several of other wading birds, including Redish egrets, can be viewed from the road. A great many Park visitors have been able to photo and view these birds at a very close range. Also there is a Bald Eagle nest visible from the road at Coot Bay Pond. On West Lake There are a number of coots, ducks, teals, red-heads, and canvas backs.

Naturalist Cunningham reports a new bird species for the Park bird list. A gannet was seen on Sandy Key on November 23.

### Miscellaneous

Assistant Chief Naturalist Haugen taught first aid courses during the month and spent several Monday evenings training the Ranger Aides for the coming winter season.

Ernest T. Christensen

### Informational Services

Delayed cancellations made up almost the entire month starting the 15th to the 25th.

Informational services for the month:

| <u>Program</u>   | <u>Number</u> | <u>Amount</u> |
|------------------|---------------|---------------|
| Evening Talks    | 20            | 7.00          |
| Morning Walks    | 11            | 3.30          |
| Special Talks    | 3             | .60           |
| Special Exhibits | 1             | .15           |
| Information Desk |               | 1.00          |

Total



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

December 1, 1964

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report, November, 1964

Interpretive Facilities and Planning

As to be expected for the time of year visitation increased as the month progressed. Morning walks and evening programs were generally well attended. On the night of November 27 Naturalist Sloane estimated a crowd of 250 people attending the evening program, many of the people sitting on the floor or standing up. To my knowledge this is possibly the largest single audience for an evening Naturalist program at Flamingo. Because there were no Sunday night programs overall attendance was down about 346 people from November 1963. However, two more morning walks were given than for November 1963, with an increase of 70 people.

With the absence of District Naturalist Mrazek evening programs were held nightly except for Sundays; morning walks were scheduled for Wednesday, Saturday, and Sunday.

Interpretive Services

District Naturalist Mrazek was absent the entire month attending the Stephen T. Mather Training Center.

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 25            | 2,125             |
| Morning Walks    | 11            | 237               |
| Special Talk     | 1             | 40                |
| Special Autocade | 1             | 45                |
| Information Desk |               | 540               |
|                  |               | <hr/> 2,987       |

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RESEARCH REPORT

NO. 1000

1955

BY

ROBERT M. HARRIS

AND

JOHN E. HARRIS

CHICAGO, ILLINOIS

1955

CHICAGO, ILLINOIS

1955

CHICAGO, ILLINOIS

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Miscellaneous

During the week beginning November 16 the Geological Society of America, while holding a convention in Miami, made several field trips into the Park and were assisted on some trips by Naturalist Sloane. On November 17 Naturalist Sloane gave a special talk to about 40 members of the G.S.A. From November 19-21 Naturalist Sloane attended meetings of the G.S.A. in Miami.

Naturalist Cunningham led a special autocade and bird walk for 45 members of the Tropical Audubon Society from Miami. The trip was a great success as it was the largest number to attend a T.A.S. field trip this year. Plans were discussed to hold another field trip to Flamingo next April.

Research and Observation

An excellent display of birds and alligators began during the month at Coot Bay Pond. Roseate Spoonbills, mostly adults, and several other species of wading birds could be seen there daily, including a Reddish Egret. Also, large numbers of ducks (including Redheads and Canvasbacks) and Coots were to be seen at West Lake Pond.

The Bald Eagle's nest at Coot Bay Pond was active and the adults could be seen daily; actions of the sitting bird indicated eggs or very small young.

Naturalist Cunningham observed another new bird species for the Park list when a Gannet was seen about one mile northwest of Sandy Key on November 23. Up to 12 White-winged Doves (the largest I have ever seen in Florida) could be seen daily at Christian Point. Four Am. Avocet were seen at the new sewage ponds in the new Flamingo Campground on November 30.

Richard L. Cunningham  
Park Naturalist



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N26

January 6, 1965

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report, Division of Interpretation - December 1964

Interpretive Facilities & Services

Visitation during the Christmas week (December 25 - 31) was extremely high. During this time, personnel was spread very thinly to provide the services expected by the visitors to Everglades National Park. At the Visitor Center approximately 9,618 people were contacted at the desk, viewed the exhibits, and about 3,206 saw the orientational slide program.

At Royal Palm 3,158 visitors attended the talks and 2,965 went on the guided walks. Personal contact with about 1,630 people was made along the wall in back of the station, and about 4,720 people went through the museum.

At Flamingo the evening program was doubled starting December 29 and for the last three days of the month approximately 1000 visitors attended these programs. The programs naturally had to be shortened to save the voice of the naturalist giving both programs and to allow the auditorium to be emptied and aired before refilling and to complete the programs in the two hours allotted.

During the month a number of school groups and scout groups visited the Park, and in many instances because of the shortage of personnel had to be scheduled with the regular walk and talk instead of having a special program as is much more desirable.

Last year five walks and five talks were offered daily at Royal Palm on the winter schedule. However, this year, because of this shortage, we have had to delete one talk and one walk, having only two walks on the Gumbo Limbo and Anhinga trails each and four talks.

At Flamingo, the morning nature walk went on a daily basis December 26.

INTERNATIONAL WOMEN'S YEAR  
and  
FOR THE INTERNATIONAL WOMEN'S YEAR  
P. O. BOX 218  
WASHINGTON, D.C. 20541

January 1, 1972

Memorandum

To: Administration

From: Chief, Social Services

Subject: Monthly executive report, Division of International - December 1971

International Activities & Services

Activities during the December week (December 22 - 29) were relatively light. During this time, however, we spent very little of our time in the office. As the World Year of the Woman is being celebrated, we have been able to provide the public with information about the program. At the same time, we have been able to provide the public with information about the program. At the same time, we have been able to provide the public with information about the program.

At Royal Palm, a luncheon attended the ladies and 2,000 were in the guided walk. Political contact with about 1,000 people was made. The walk in front of the station, and about 2,000 people were through the station.

At the end of the evening program was closed evening December 22 and for the last three days of the month approximately 1000 visitors attended the program. The program naturally had to be shortened to save the time of the committee and to allow the audience to be supplied and also better utilizing and to complete the program in the two hours allotted.

During the month a number of school groups and youth groups visited the Park, and in many instances because of the knowledge of personnel and to be scheduled with the regular walk and this allowed us during a special program as is much more desirable.

Last year the walk was held five times were offered daily at Royal Palm on the winter schedule. However, this year, because of the knowledge, we have had to change our walk and now walk, having only two walks on the same line. The schedule is as follows: 10:00 a.m. and 4:00 p.m.

At the end of the month, the walking service will be a daily basis December 12.

The project of installing metalphoto labels on all the Park's interpretive trails was completed this month. The signs and interpretive devices for the Shark Valley Loop Road are completed also and are ready to be installed.

Assistant Chief Haugen assisted in the judging of social science projects for the Dade County School System in Miami December 6 and 7. On December 30 he conducted the Ranger Aids on a field trip to the Shark Valley Tower.

Other off-site services included talks to the Kiwanis Club of Miami Beach, the Daughters of the American Revolution, the Herpetological Society and the Redland Junior High School.

#### Research & Observation

Naturalist Cunningham directed the annual Coot Bay Christmas Bird count this year. A total of 174 species set a new record for the count, as did the total attendance of 86 observers (representing 8 states and two foreign countries - England and Canada). Without a doubt, this was the most successful of all previous Coot Bay Counts.

#### Miscellaneous

The Everglades Natural History Association held their annual meeting following a field trip to the Shark Valley Tower on December 12. The Florida Science Study Group under the direction of Mrs. Doris Timpano were in the Flamingo area December 27 and 28. Special programs were given on both nights. A number of special visitors were assisted, among them were Senator & Mrs. Spessard Holland, Mr. & Mrs. B.G.E. St.Aubyn (she is Assistant to the Secretary General of Jamaica). Naturalist Sloane accompanied the Whitewater Bay Sightseeing boat on December 5. He and Naturalist Cunningham made suggestions for improving the interpretation on this trip. Assistant Chief Naturalist Haugen conducted the Standard First Aid Course for members of the Protection Division.

Attached is a statistical summary of the visitor contacts for the month.

Ernst T. Christensen  
Chief Park Naturalist

The purpose of this investigation was to determine the effect of the various factors on the growth of the various species of the genus *Salmonella*. The results of the investigation are given in the following tables.

The first table shows the results of the investigation of the effect of the various factors on the growth of the various species of the genus *Salmonella*. The results are given in the following tables.

The second table shows the results of the investigation of the effect of the various factors on the growth of the various species of the genus *Salmonella*. The results are given in the following tables.

#### Table 1

The following table shows the results of the investigation of the effect of the various factors on the growth of the various species of the genus *Salmonella*. The results are given in the following tables.

#### Table 2

The following table shows the results of the investigation of the effect of the various factors on the growth of the various species of the genus *Salmonella*. The results are given in the following tables.

According to a preliminary survey of the various factors on the growth of the various species of the genus *Salmonella*.

Table 1. Growth of *Salmonella* in various media.

| Guided Walks      | Number | Attendance |
|-------------------|--------|------------|
| Gumbo Limbo Trail | 30     | 1,626      |
| Anhinga Trail     | 58     | 2,704      |
| Flamingo          | 16     | 610        |
| Specials          | 9      | 649        |

|                 |       |
|-----------------|-------|
| Roving Contacts | 3,475 |
|-----------------|-------|

|                              |        |
|------------------------------|--------|
| <b>Attended Stations</b>     |        |
| Parachute Key Visitor Center | 15,331 |
| Royal Palm                   | 5,990  |
| Flamingo Information Desk    | 1,500  |

|              |       |
|--------------|-------|
| Audio Visual | 5,110 |
|--------------|-------|

|  |              |                |
|--|--------------|----------------|
|  | <b>Total</b> | <b>145,816</b> |
|--|--------------|----------------|



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

January 1, 1965

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Reptot, December, 1964

Interpretive Facilities and Planning

The winter season schedule began on Monday, December 28. Visitation was extremely heavy the week between Christmas and New Year's Day. Attendance for the evening Naturalist's talks set a new all time high for December. In order to try to cope with the overcrowded conditions at these programs, and because many people could not attend for lack of space, two evening programs were held nightly beginning on December 29. Estimated attendance for the three nights of December 29, 30, and 31, was estimated at 1000 people (over one-fourth the total attendance for the whole month).

Up until December 26, the morning Naturalist walks were held on Saturday, Sunday, and Wednesdays. *Each since 10-44*

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 30            | 3,742             |
| Morning Walks    | 16            | 610               |
| Special Talks    | 3             | 255               |
| Information Desk |               | 1,500             |
|                  | Total         | 6,107             |

Miscellaneous

Naturalist Cunningham accompanied Senator and Mrs. Spessard L. Holland on birding trips throughout the Park and to Key Largo on dates ranging from December 8 to the 19th. District Naturalist accompanied them on December 16.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RESEARCH REPORT  
NO. 1000  
1955

CHICAGO, ILL.

RECEIVED

FROM

DATE

BY

The following report was prepared by the members of the Department of Chemistry, University of Chicago, during the period from January 1, 1955, to December 31, 1955. It contains a summary of the work done in the Department during this period, and is intended to be a guide to the work of the Department.

The work of the Department during this period has been divided into three main areas: (1) the study of the properties of the elements, (2) the study of the properties of the compounds of the elements, and (3) the study of the properties of the compounds of the elements.

1. THE STUDY OF THE PROPERTIES OF THE ELEMENTS

The study of the properties of the elements has been carried out in the Department during this period by the following members:

| NAME                | DEGREE | DEGREE |
|---------------------|--------|--------|
| Dr. J. H. Goldstein | Ph.D.  | 1954   |
| Dr. J. H. Goldstein | Ph.D.  | 1954   |
| Dr. J. H. Goldstein | Ph.D.  | 1954   |
| Dr. J. H. Goldstein | Ph.D.  | 1954   |
| Dr. J. H. Goldstein | Ph.D.  | 1954   |

2. THE STUDY OF THE PROPERTIES OF THE COMPOUNDS OF THE ELEMENTS

The study of the properties of the compounds of the elements has been carried out in the Department during this period by the following members:

Naturalist Cunningham accompanied Mr. and Mrs. B. G. E. St. Aubyn to Coot Bay Pond on December 20. Mrs. St. Aubyn is the assistant to the Secretary General of Jamaica.

On December 27 and 28 Mrs. Doris Timpano's Florida Science Study group stayed overnight at Flamingo. A talk was given by Naturalist Sloane to the 120 students on the night of December 27, and on the following evening Naturalist Cunningham led a question and answer discussion on the ecology of Everglades National Park.

Naturalist Sloane accompanied the Whitewater Bay sightseeing boat trip on December 5 and both he and Naturalist Cunningham made suggestions to the EPC on improving visitor interpretation.

District Naturalist Mrazek accompanied Park Biologist Robertson and engineers of the U.S. Corps of Engineers to Lake Ingraham and Cape Sable.

Naturalists Mrazek and Sloane accompanied Biologist Robertson and Dr. Ruhle, WASO, to the East River Rookery on December 9.

Naturalist Sloane gave a special talk and walk to 28 students of the Hearing and Speech Center of Florida on December 12.

#### Research and Observation

The annual Coot Bay Christmas Bird Count was held on Sunday, December 27, with Naturalist Cunningham in charge of the count and the compiler. A total of 174 species set a new record for the count, as did the total attendance of 86 observers (representing 8 states and two foreign countries - England and Canada). Without doubt, this was the most successful of all previous Coot Bay Counts. A formal report is being prepared.

Richard L. Cunningham  
Park Naturalist

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## Miscellaneous

The Everglades Natural History Association held their annual meeting following a field trip to the Shark Valley Tower on December 12. The Florida Science Study Group under the direction of Mrs. Doris Timpano were in the Flamingo area December 27 and 28. Special programs were given on both nights. A number of special visitors were assisted, among them were Senator & Mrs.



the Shark Valley Loop Road are completed also, and are ready to be installed. A

Assistant Chief Haugen assisted in the judging of social science projects in Miami on December 6 and 7. On December 30 he conducted the Ranger Aids on a field trip to the Shark Valley Tower.

Other off-site services included the Kiwanis Club of Miami Beach, the Daughters of the American Revolution, the Herpetological Society and the Redland Junior High School.

*AC Haug conducted Study & Course for members of protected area*  
~~A number of school groups and scout groups visited the Park. In many instances, because of the personnel shortage we were unable to give the special trip for the groups as is more desirable.~~

Research & Observation

Naturalist Cunningham directed the annual Coot Bay Christmas Bird count this year. A total of 174 species set a new record for the count, as did the total attendance of 86 observers (representing 8 states and two foreign countries, England and Canada). Without a doubt, this was the most successful of all previous Coot Bay Counts.

The State Valley from the northeast corner, and the valley to be

included. A

Additional field notes included in the volume of 1933 reference material to be

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EVERGLADES NATIONAL PARK  
and  
PORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N26

February 5, 1965

Memorandum

To: Superintendent

From: Assistant Chief Naturalist

Subject: Monthly narrative report, Interpretive Division, January 1965

Research and Observations

The wonderful display of wading birds, which this year included many spoonbills, at Coot Bay Pond and the other two ponds in that area was very short lived this year. Food supplies were apparently depleted very soon and the birds have moved away from the roadside ponds.

Huge concentrations of birds were observed northwest of Bear Lake by the Park aircraft and also by members of the Park staff on a canoe patrol along the Homestead Canal.

Flights over the rookeries show that Cuthbert, East River, Miele, and Rookery Branch are forming. The question is, will water remain long enough for the parent birds to be able to feed the young.

Fish in the shallows of Florida Bay were so slowed by the 33° temperature on January 17 that several snook were caught by hand.

On January 27 brim and the larger bass in the main pond at Royal Palm were gasping for air at the surface and some died. Wind and bright sunlight postponed the die-off until another date as the water level is dropping very fast and the oxygen level must be at a critical point.

Interpretive Services

This season the naturalist at Royal Palm are operating on a four walk schedule instead of a five as they did last year. Many times though, groups have been too large for one trail and one naturalist to adequately accommodate. When this happens, the group is split into two groups and after the introductory talk, one is led on the Anhinga and the other on the Gumbo Limbo

Special groups and outside talks for which we were already committed have been honored, but the situation demands that most outside talks be

EVERETT, WASHINGTON  
JANUARY 1, 1963  
F. O. BOX 178  
SEATTLE, WASHINGTON 98101

January 1, 1963

Memorandum

To : Superintendent

From : Assistant Chief Investigator

Subject: (b)(7)(D) summary report, Investigative Service, January 1963

Summary and Observations

The summary report of the investigation, which was conducted by the investigator, is being submitted to you for your information. The summary report is being submitted to you for your information. The summary report is being submitted to you for your information.

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Investigative Service

The summary report of the investigation, which was conducted by the investigator, is being submitted to you for your information. The summary report is being submitted to you for your information. The summary report is being submitted to you for your information.

The summary report of the investigation, which was conducted by the investigator, is being submitted to you for your information. The summary report is being submitted to you for your information. The summary report is being submitted to you for your information.

declined and that special groups fit into the regularly scheduled walks and talks.

A guided walk every Tuesday has been given on the Pinelands trail this month. Attendance and comments indicate that the venture has been very successful.

At Flamingo, the morning Bayshore walks and the Saturday wilderness hike have proved very popular so far this year.

The staff there have started a two programs a night schedule and they still find the room full each time. Questions raised by a safety inspection of this room have not been answered by having the two programs a night, but it has possibly helped. The Flamingo staff does find giving two programs, one right after the other, each evening, somewhat of a strain.

The new benches at Long Pine Key have made the campfire circle much easier to work and more comfortable for the people attending. We still have many people bringing chairs and putting them wherever possible, and this means that the speaker still has people sitting behind him. The programs have been well attended and the improved circle is appreciated by the visitors.

The evening programs on Wednesday nights at the Visitor Center continue to be very popular and people are having to be turned away because of lack of room.

The Royal Palm area is still one of the most popular of the Park. Two signs hanging over the doors to the building entrance have no doubt helped to guide people to the information desk.

Final plans for the Shark Valley Loop Road interpretive installations were completed and all signs, etc., installed. Mr. Brown from Fort Myers gathered some material to support the Park's need for water with the help of the staff.

Naturalist Zimmer projected for Chief Historian Robert Utley of the Historical Association of Southern Florida.

Attached is the summary of visitor contacts for January.

(SGD) ROBERT T. HAUGEN  
Robert T. Haugen

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Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR

Below is a summary of the visitor contacts made during the month of January:

|                              | Number | Attendance     |
|------------------------------|--------|----------------|
| <b>Guided Walks</b>          |        |                |
| Gumbo Limbo                  | 64     | 2,396          |
| Anhinga                      | 64     | 2,969          |
| Flamingo                     | 30     | 727            |
| Specials                     | 6      | 270            |
| Pinelands                    | 3      | 75             |
| <b>Talks</b>                 |        |                |
| Royal Palm                   | 124    | 4,829          |
| Flamingo                     | 62     | 5,905          |
| Campfire                     | 29     | 3,584          |
| Specials                     | 6      | 270            |
| <b>Audiovisual program</b>   |        | 3,718          |
| <b>Roving contacts</b>       |        | 4,740          |
| <b>Attended Stations</b>     |        |                |
| Parachute Key Visitor Center |        | 12,105         |
| Royal Palm Information Desk  |        | 8,446          |
| Flamingo Information Desk    |        | 1,550          |
| <b>Self guiding Devices</b>  |        |                |
| Anhinga Trail                |        | 29,020         |
| Gumbo Limbo Trail            |        | 26,160         |
| Pinelands                    |        | 12,860         |
| Mahogany Hammock             |        | 11,190         |
| Pa-hay-okee                  |        | 9,408          |
| Mangrove Trail               |        | 10,200         |
| Flamingo Museum              |        | 11,000         |
| <b>Off-site services</b>     |        | 109,838        |
| Schools                      | 1      | 400            |
| Service Organizations        | 1      | 75             |
| Other                        | 9      | 746            |
| <b>Total</b>                 |        | <b>161,422</b> |

Below is a summary of the various sources of information used in the study.

| Source of Information | Number of Sources | Percentage of Total |
|-----------------------|-------------------|---------------------|
| Interviews            | 10                | 50%                 |
| Questionnaires        | 5                 | 25%                 |
| Focus Groups          | 3                 | 15%                 |
| Secondary Sources     | 2                 | 10%                 |
| Other                 | 1                 | 5%                  |

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

and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. Box 279  
Homestead, Florida

February 1, 1965

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for January, 1965

Interpretive Facilities and Planning

The inadequacy of the present auditorium and the need for a larger one has been hashed and rehashed and we hate to belabor the point, but even with two programs a night which each naturalist is presenting on his scheduled evenings there is a glaring need for more room.

New highs were reached on both attendance at evening programs and morning walks. This excess taxing of facilities and manpower is expected to continue for the next two months.

A new route for a morning walk was tried on Friday, Jan 29th with good results. The trip ends at the sewage lagoon where quite often during the winter months concentrations of ducks and other birds can be seen. This route can be used as an alternate to the regular bay-shore walk. Naturalist Sloane conducted the first walk.

The wilderness hike, as in past years, is being continued and meeting with great success.

A sign calling attention to the self-guiding mangroveland markers has been put up at Coot Bay Pond. It has elicited a greater interest and response to this interpretive device than was previously evinced.

Interpretive Services

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening Talks    | 62            | 5,905             |
| Morning Walks    | 30            | 727               |
| Information Desk |               | 1,550             |
|                  | Total         | 8,182             |



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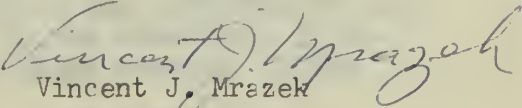
## Miscellaneous

On the evening of January 16th Naturalist Cunningham participated in a Florida Audubon Society meeting and program at the Flamingo auditorium.

## Research and Observation

The restriction imposed on the use of boats and other vehicles by the Flamingo naturalists has greatly reduced wildlife observations and precluded entirely the pursuance of research projects requiring the use of these vehicles. The interior of the office at Flamingo, however was very thoroughly scrutinized.

The spectacular concentration of birds at Coot Bay Pond moved, upon depletion of the minnow supply, to the two ponds  $\frac{1}{4}$  mile to the north the first week of January. The bird show at the latter ponds continued good until Sunday, the 21st. Then suddenly, as if at a given signal, the birds left with the exception of a dozen or so spoonbills. This is an unprecedented occurrence, since in previous years the birds stayed until the ponds dried up. A sampling was made to see if there were any fish left and the results were positive, with the most abundant fish identified as Gambusia. Until a better reason is found, we must conclude that the fish are not as plentiful as in previous years.

  
Vincent J. Mrazek  
Park Naturalist

### Addendum to Research and Observation:

Plummeting temperatures on Jan 17th reached a low of 33 degrees in the Flamingo area. Resultant cold waters stunned some of the more tropical of our fishes to such a degree that many were lolling about in the shallows and could easily be caught by hand. Naturalist Cunningham and Mrs. Sloane were two of the many fortunate that caught 7 or 8 pound snook in this manner.

Dr. J.E. Hoffmeister, Geologist, Professor at Institute of Marine Science, U. of Miami, with Naturalist Sloane studying stratigraphy of Miami Oolite, on January 7.

VJM



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EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N26

March 8, 1965

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report, Interpretive Division - February 1965

As was expected, facilities were jammed with the record crowd of visitors in the Park.

The Shark Valley Loop Road is well received and while many problems continue to arise, the visitor reaction to the facilities and the area are very rewarding. All indications point to the fact that it will be a very heavy use area in the near future. In the short time it has been opened and in spite of several cloudy and windy weekends 13,169 people have entered the area.

Walks and talks at Royal Palm are as popular as usual. Many times, the size of the group on a walk has limited the effectiveness of a single naturalist, and staffing has not always permitted splitting the groups.

Campfire talks at Long Pine Key are well attended again this month with crowds of 200 not unusual. Campers have been giving their own talks by putting an extension cord through the window of a restroom and projecting on the restroom wall. They are continually requesting illustrated talks and a place where they can be given on an impromptu basis. The Chief Naturalist had the experience of having his audience at a campfire arrive about 20 minutes late because the impromptu program ran past the 8:00 pm starting time of the regular scheduled National Park Service program. Consideration should be given to this situation before next year.

Capacity crowds jammed the small room at Flamingo each evening program, in spite of the two programs a night schedule.

Interpretive Services

Manning of the Shark Valley Loop Road made it necessary to pull Naturalist Cunningham from Flamingo to Royal Palm, leaving only two men to try to carry on at Flamingo.

Two audio units are not working, leaving quite a gap in the overall program. The Florida Bay exhibit has been out of order for months and letters and telegrams are answered but the much needed message

1900

It was expected, therefore, that the results of the study would be similar to those of the study by the same author in 1964.

The Black Valley farm house is well furnished and electric and plumbing  
complete in order, the various facilities for the facilities and the  
area are very spacious. All the various rooms in the house are well  
be a very lovely and also in the room kitchen. In the front room of the  
house opened and in order at several times and other facilities. The  
people have enjoyed the time.

[illegible][illegible]

in some of the two principal U.S. cities.

and to pay an amount of \$100,000.

Authorized Commission from Treasury to Rural Bank, Lansing only one

branching of the Rural Bank from that bank is necessary as well

Interstate law applies

The main cause was not technical, although there is a gap in the water program. The Florida Bay marshes are being cut off by the water and the water is being cut off by the water. The water is being cut off by the water.

repeater remains at the factory. Highlights of the Everglades continues to be popular and has been sent to various places during the month.

Seasonal Naturalist Ross was accepted by the training school at Grand Canyon, making it necessary for additional rescheduling to cover the Royal Palm area. The small leaflet mimeographed for the Shark Valley Loop Road has been replaced with one printed by offset press and funded by Everglades Natural History Association. The leaflet will be given out on the honor basis in hopes that money received will offset the cost of printing.

The exhibit materials requested by the Sarasota Garden Club about the Park's water problem have been compiled and mailed by Naturalist Zimmer.

Off-site talks scheduled before the cut in money and staffing were given to several organizations and schools this month. Many scheduled and unscheduled school groups have come to the Park to take the Anhinga Trail.

Director Hartzog, accompanied by Superintendent Joseph, inspected Royal Palm and the Anhinga Trail during the Director's brief visit to the Park.

#### Research and Observation

Several flights have been made over the rookeries with Biologist Robertson. A series of photographs have been taken with an idea of determining numbers of nesting birds.

Several rains have helped the water levels especially in Taylor Slough area. Spring migration has started with the appearance of swallow-tail kites and other birds moving through.

The presence of seals at the mouth of Shark River has been reported by two separate parties of visitors.

#### Visitor Contacts

A tabulation of the visitor contacts for the month is attached.

Ernst T. Christensen



|                              | Number | Attendance |
|------------------------------|--------|------------|
| <b>Guided Walks</b>          |        |            |
| Gumbo Limbo Trail            | 56     | 2,501      |
| Anhinga                      | 55     | 3,188      |
| Flamingo                     | 25     | 562        |
| Pinelands                    | 4      | 68         |
| Specials                     | 11     | 535        |
| <b>Talks</b>                 |        |            |
| Royal Palm                   | 111    | 5,645      |
| Flamingo                     | 56     | 7,400      |
| Campfire                     | 21     | 3,715      |
| Specials                     | 11     | 535        |
| <b>Audiovisual</b>           |        | 5,110      |
| <b>Roving Contacts</b>       |        | 2,190      |
| <b>Attended Stations</b>     |        |            |
| Parachute Key Visitor Center |        | 15,335     |
| Royal Palm Information Desk  |        | 7,188      |
| Flamingo Information Desk    |        | 1,300      |
| <b>Self-guiding devices</b>  |        |            |
| Anhinga Trail                |        | 34,220     |
| Gumbo Limbo Trail            |        | 28,500     |
| Pinelands Trail              |        | 15,433     |
| Mahogany Hammock             |        | 13,524     |
| Pa-hay-okee Overlook         |        | 11,362     |
| Flamingo Museum              |        | 13,200     |
| Shark Valley Loop Road       |        | 13,169     |
| <b>Off-site Services</b>     |        |            |
| Schools                      | 2      | 215        |
| Others                       | 1      | 57         |
| <b>Total</b>                 |        | 197,132    |

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Large Lowland Basin

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|                      |                             |                   |
|----------------------|-----------------------------|-------------------|
| Parkway Fee          |                             | 11,362            |
| Mangrove             |                             | 12,240 -          |
| # Low Mus.           |                             | 13,200 -          |
| Shank Vally Loop Rd. |                             | <del>12,169</del> |
|                      |                             | 13,169 -          |
| Site Sew.            |                             | <del>12,000</del> |
| Schools              | <del>\$</del> <del>22</del> | 215 -             |
| Sew Dis.             |                             |                   |
| Other                | <del>\$</del> <del>1</del>  | <u>57 -</u>       |

Total ~~151,022~~

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Feb 1965

Total Visitors this mo. 125,747

R. P. 42,773

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Pahay okee 11,362

Smoleg Ham 13,524

Buttwood Br. 50,370

Dark Vally Log Rel 13,169

Feb 4 the record -

Feb 1964

Total 100,977

R. P. 40,544

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Smoleg ham 9,807

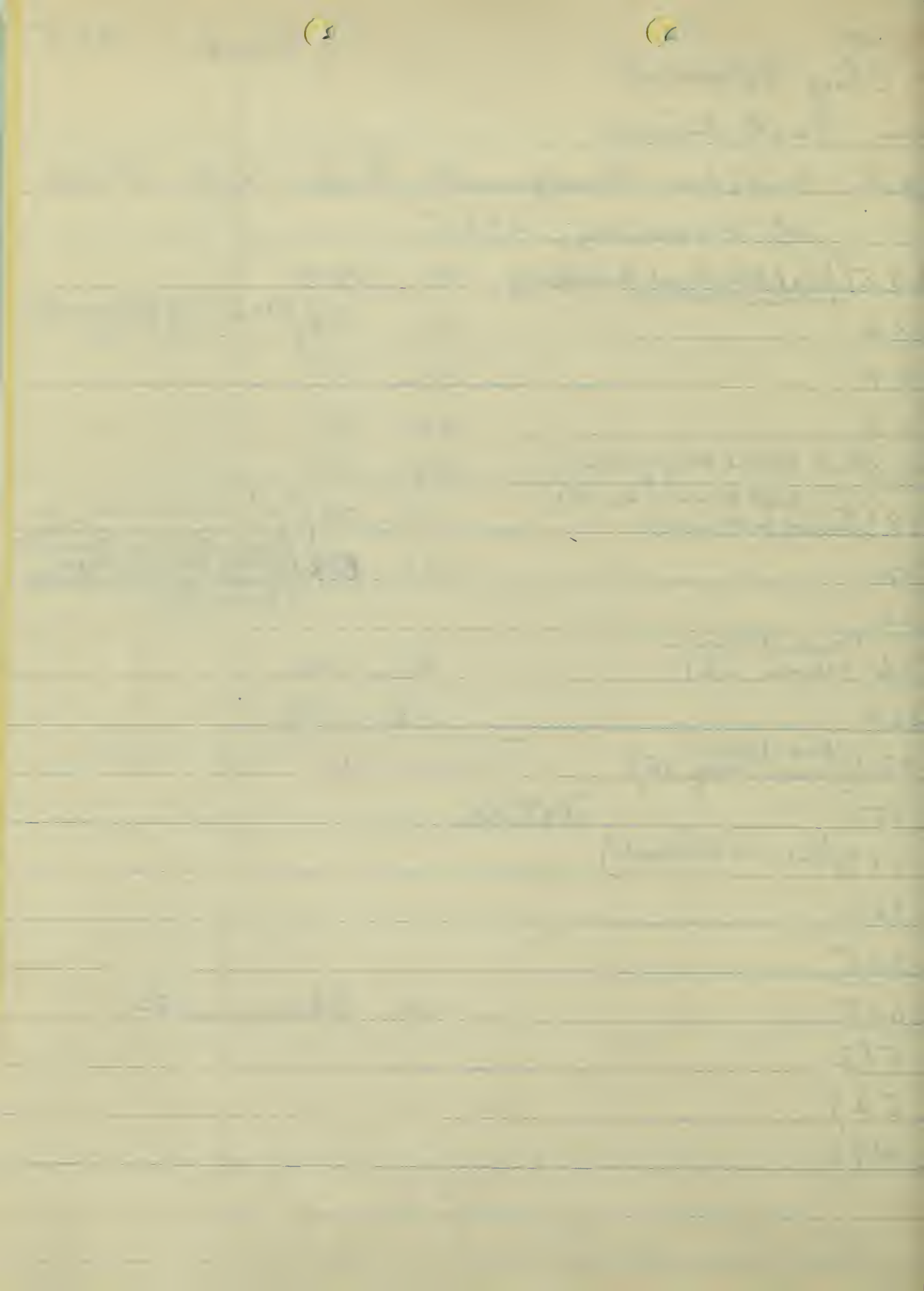
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Handwritten text in a cursive script, likely a ledger or account book. The text is organized into columns by a vertical red line. The entries are mostly illegible due to blurring, but some words like "Debit" and "Credit" are faintly visible. There are several lines of text, some with red ink used for headings or corrections.

essio  
: Chief Naturalist  
om: Park Guide  
Subject: Visitation Headquarters Visitor Center Month  
of February, 1965

|  |   |
|--|---|
| 355 (Incl Hoke Sound Garden Club 20;<br>+ Toledo Health - 3) | 20 - 1000   |
| 223  | 21 - 724 (Academy of Assumption<br>24)  |
| 284  | 22 - 750  |
| 333  | 23 - 700  |
| 483 (Incl. Howard Drive School<br>38)                        | 24 - 580  |
| 583 (Incl. North Miami Sr. Hi - 33,<br>Sunrise Jr. Hi - 50)  | 25 - 516 (Incl. Broward 25)   |
| 400  | 26 - <del>887</del> (Incl. Dearborn School 47<br>Mantilla Jr. Hi. - 77; Dupris<br>School 80; Palm Springs<br>Jr. Hi - 65) |
| 300 (Incl. St Thomas<br>School 26)                           | 27 - 700  |
| 362  | 28 - 750  |
| 437 (Incl. Jaeger<br>Science Group 35)                       | <hr/> <del>15,335</del>   |
| 450  | Total   |
| 459 (Incl. 50 Cub Scouts)                                    |   |
| 900  |   |
| 435  |   |
| 605  | Mr. Harriett  |
| 592  |   |
| 529  |   |
| 475  |   |



# COMPILRE

## ATTENDANCE

10/1/19

week of

Feb 1-6

8-13

15-20

22-27

Mon

Tues

Wed

Thurs

Fri

Sat

Pinlands  
week

225

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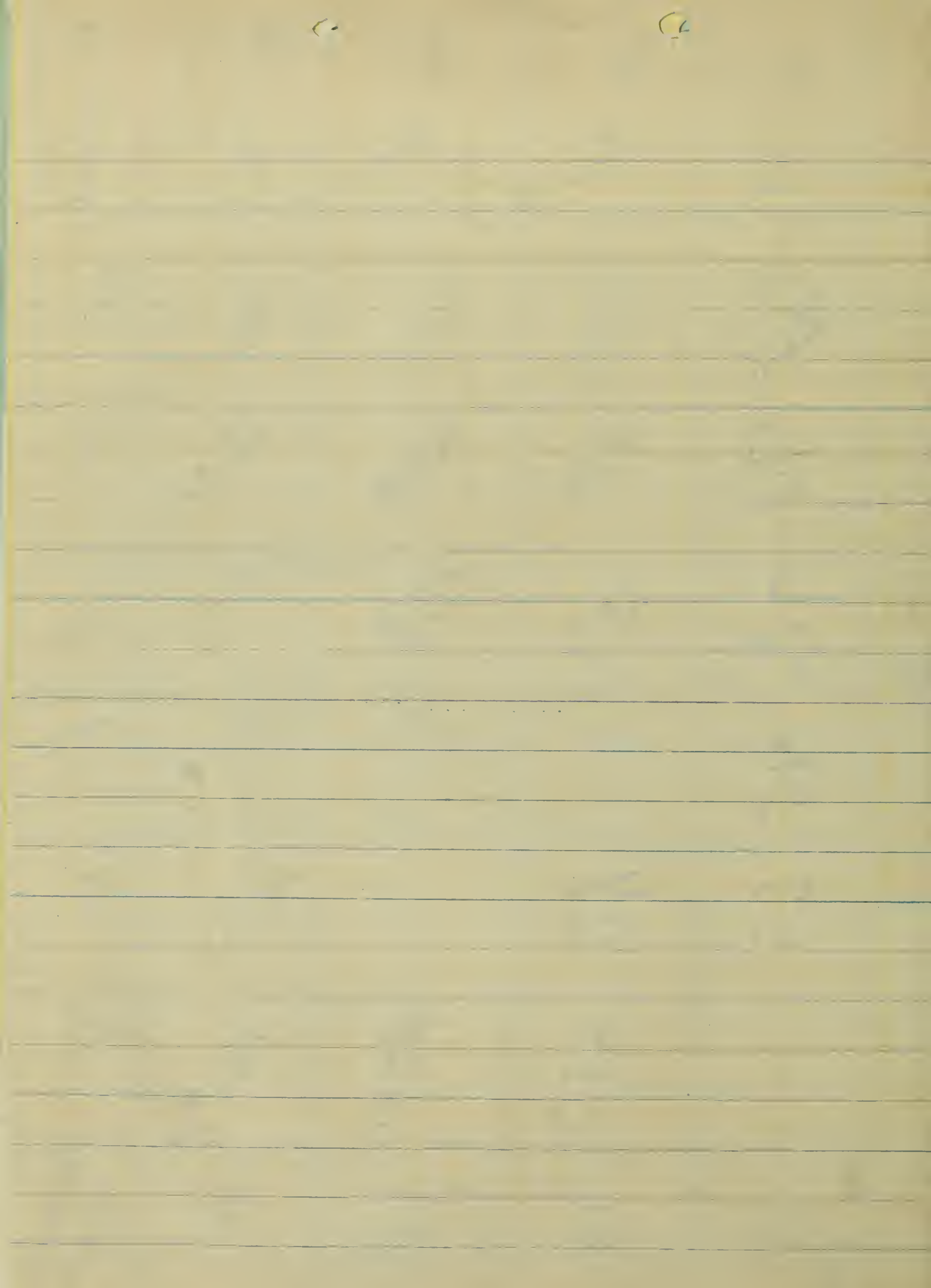
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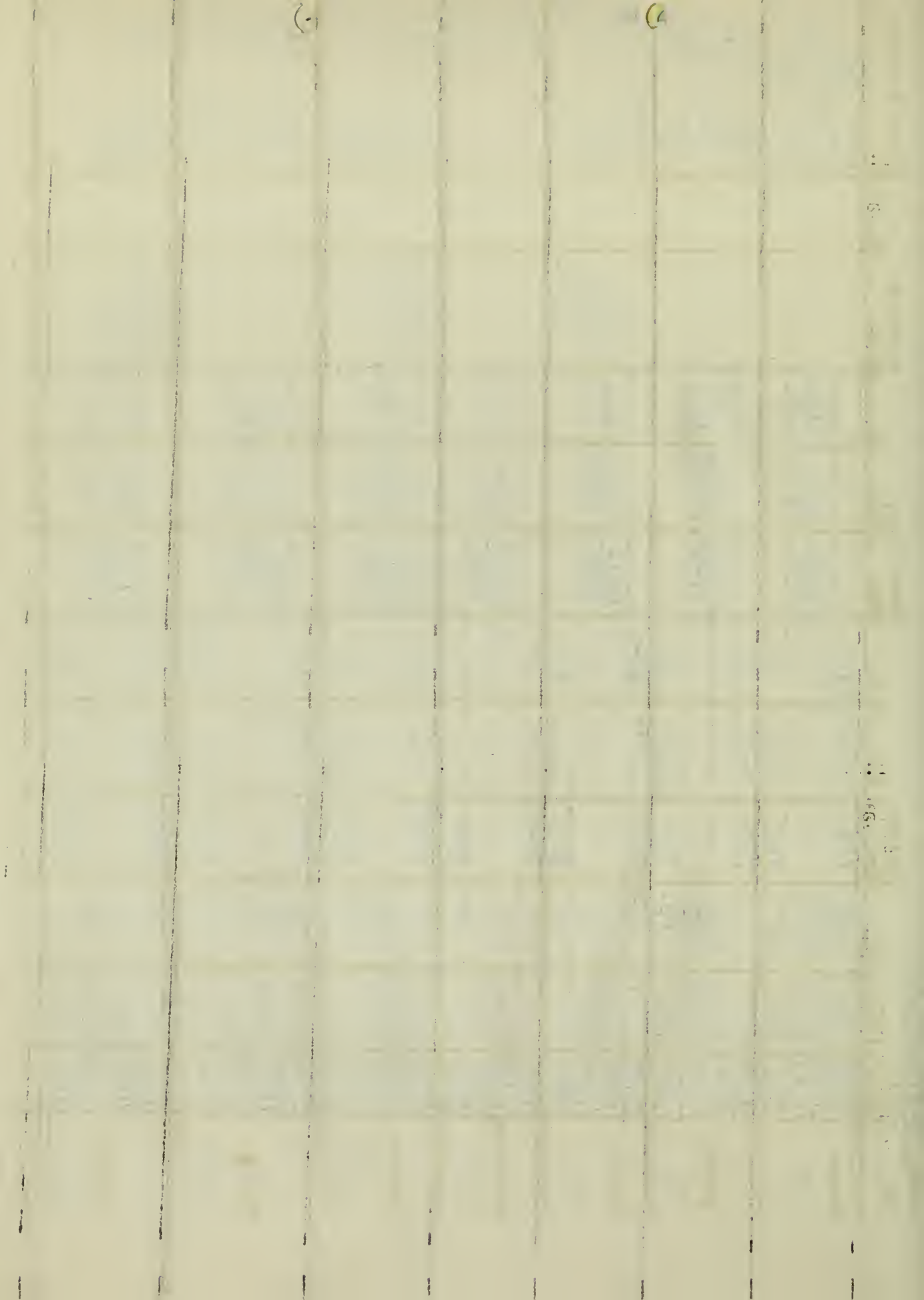
# FEBRUARY

| Month     |   | Day   |       | Talks |      | Anhinga |     | Gumbo Limbo |       | Specials |   | Roving Contacts  |     |
|-----------|---|-------|-------|-------|------|---------|-----|-------------|-------|----------|---|--|-----|
|           |   | Time  | Init  | No.   | Time | Init    | No. | Time        | Init  | No.      | Group                                     | No.  | No. |
| Sunday    |   |       |       |       |      |         |     |             |       |          |   |  |     |
| Monday    | 1 | 9:30  | ANGUS | 50    | 9:45 | ANGUS   | 65  | 11:15       | KELLY | 30       | 11:15                                     | TALKS 145<br>WALKS 170<br>MUSEUM 200<br>ANGUS 30<br>KELLY 35                 |     |
|           |   | 11:00 | KELLY | 25    |      |         |     | 1:45        | WALKS | 25       | 35  |  |     |
|           |   | 1:30  | WALKS | 30    |      |         |     |             |       |          |   |  |     |
|           |   | 3:00  | KELLY | 40    | 3:15 | KELLY   | 50  |             |       |          |   |  |     |
| Tuesday   | 2 | 9:30  | BOB   | 40    | 9:45 | BOB     | 50  | 11:15       | RUTH  | 55       |   | TALKS - 190<br>WALKS - 190<br>MUSEUM - 170<br>RUTH - 30<br>SAM - 40          |     |
|           |   | 11:00 | RUTH  | 60    |      |         |     | 1:45        | RUTH  | 25       |   |  |     |
|           |   | 1:30  | RUTH  | 30    |      |         |     |             |       |          |   |  |     |
|           |   | 3:00  | SAM   | 55    | 3:15 | SAM     | 60  |             |       |          |   |  |     |
| Wednesday | 3 | 9:30  | RUTH  | 35    | 9:45 | RUTH    | 50  | 11:15       | SAM   | 55       |   | TALKS - 190<br>WALKS - 205<br>MUS - 210<br>RUTH - 35<br>SAM - 40             |     |
|           |   | 11:00 | SAM   | 65    |      |         |     | 1:45        | RUTH  | 40       |   |  |     |
|           |   | 1:30  | RUTH  | 40    |      |         |     |             |       |          |   |  |     |
|           |   | 3:00  | SAM   | 50    | 3:15 | SAM     | 60  |             |       |          |   |  |     |
| Thursday  | 4 | 9:30  | SAM   | 35    | 9:45 | SAM     | 50  | 11:15       | KELLY | 45       |   | TALKS - 130<br>WALKS - 195<br>MUSEUM - 250<br>SAM 20<br>KELLY 50             |     |
|           |   | 11:00 | KELLY | 30    |      |         |     | 1:45        | SAM   | 25       |   |  |     |
|           |   | 1:30  | SAM   | 10    |      |         |     |             |       |          |   |  |     |
|           |   | 3:00  | KELLY | 55    | 3:15 | KELLY   | 75  |             |       |          |   |  |     |
| Friday    | 5 | 9:30  | SAM   | 50    | 9:45 | SAM     | 60  | 11:15       | SAM   | 35       | MIAMI HUMAN<br>KELLY 35                   | TALKS 170<br>WALKS 200<br>MUSEUM 300<br>SAM 35<br>KELLY 50                   |     |
|           |   | 11:00 | SAM   | 20    |      |         |     | 1:45        | KELLY | 25       |   |  |     |
|           |   | 1:30  | KELLY | 25    |      |         |     |             |       |          |   |  |     |
|           |   | 3:00  | SAM   | 40    | 3:15 | SAM     | 50  |             |       |          |   |  |     |
| Saturday  | 6 | 9:30  | KELLY | 15    | 9:45 | KELLY   | 30  | 11:15       | ANGUS | 35       | N. MYNNE<br>HUGGINS<br>T. HUGGINS<br>1:15 | TALKS - 250<br>WALKS - 200<br>MUSEUM - 200<br>ANGUS 40<br>SAM 40<br>KELLY 50 |     |
|           |   | 11:00 | ANGUS | 90    |      |         |     | 1:45        | KELLY | 40       |   |  |     |
|           |   | 1:30  | KELLY | 30    |      |         |     |             |       |          |   |  |     |
|           |   | 3:00  | SAM   | 55    | 3:15 | SAM     | 60  |             |       |          |   |  |     |



month FEBRUARY

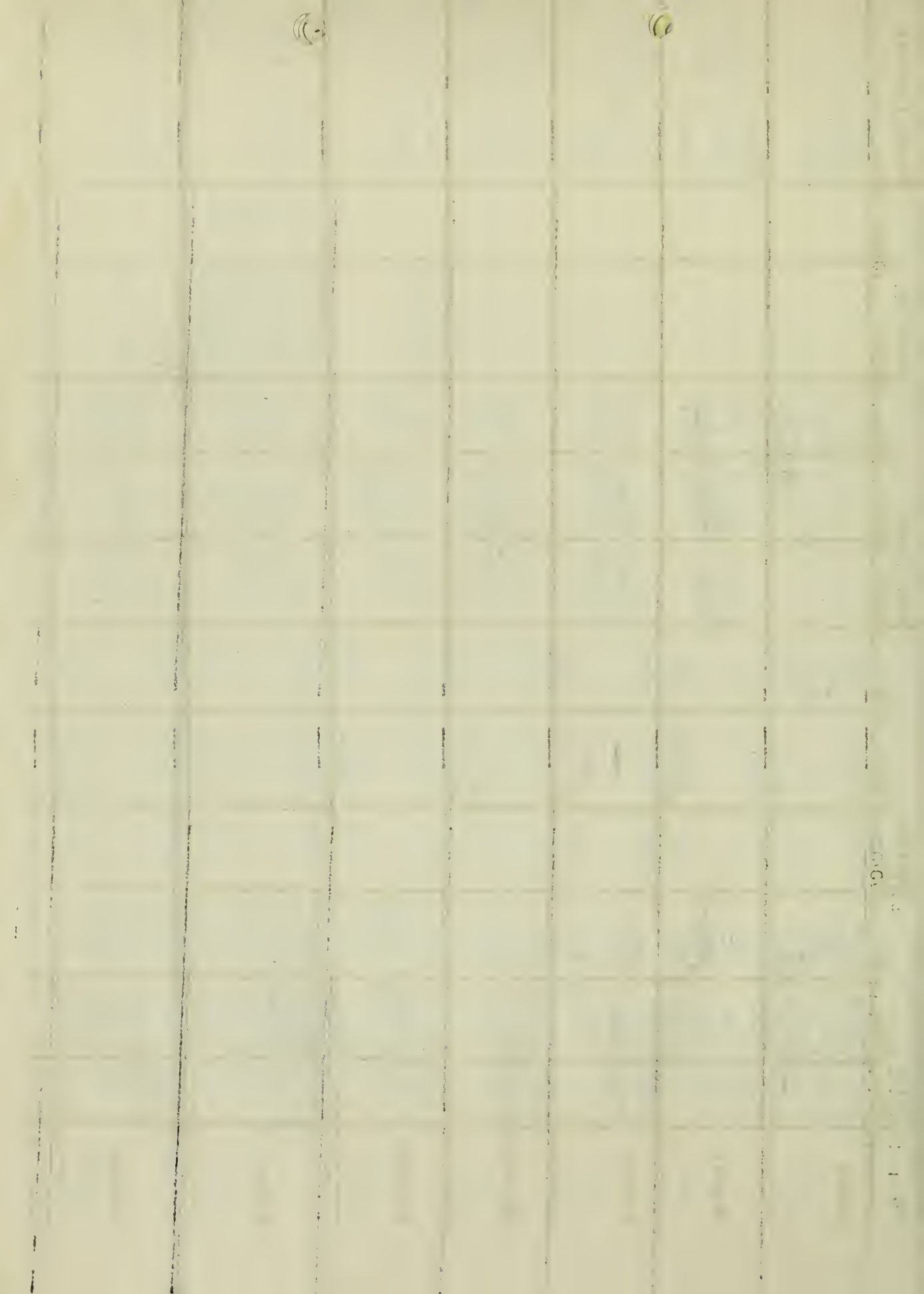
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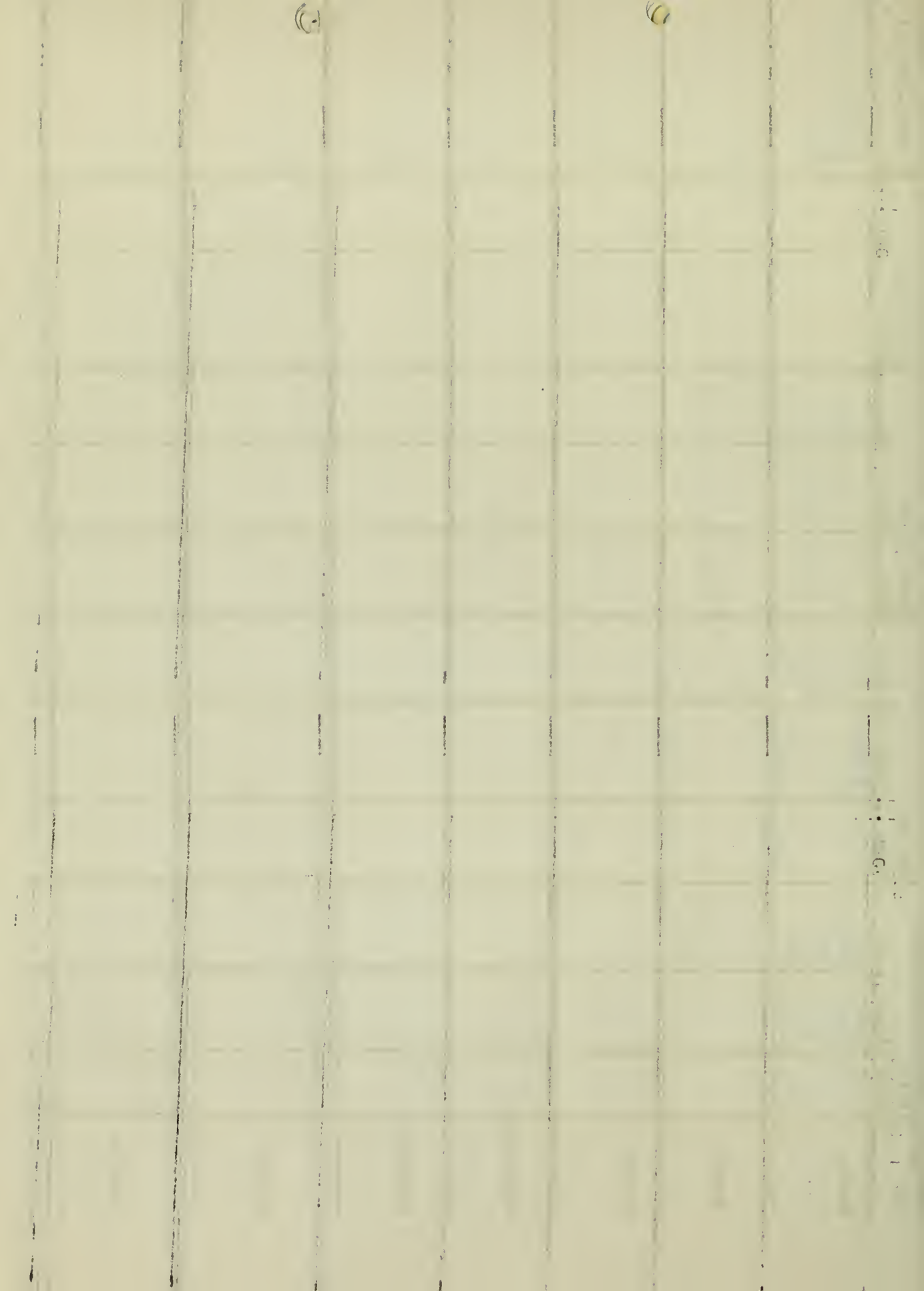




| Month     | Talks | Anhinga | Gumbo Limbo | Specials | Roving Contacts |      |      |       |     |      |       |   |
|-----------|-------|---------|-------------|----------|-----------------|------|------|-------|-----|------|-------|---|
| Day       | Time  | Init    | No.         | Time     | Init            | No.  | Time | Group | No. | Time | Group | No.                                     |
| Sunday    | 1:30  | Dick    | 45          | 9:45     | Dick            | 38   |      |       |     |      |       | TALKS - 230<br>WALKS - 38<br>MVC - 200  |
| 21        | 1:30  | John    | 80          | 3:15     |                 | Rain |      |       |     |      |       |   |
| Monday    | 1:30  | Dick    | 35          | 9:45     | Dick            | 35   |      |       |     |      |       | TALKS - 230<br>WALKS - 145<br>MVC - 250 |
| 22        | 1:30  | Angus   | 40          |          |                 |      |      |       |     |      |       |   |
| Tuesday   | 1:30  | Dick    | 50          | 3:15     | Angus           | 85   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| 23        | 1:30  | Ruth    | 60          | 9:45     | Ruth            | 65   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| Wednesday | 1:30  | Dick    | 80          | 3:15     | <del>Dick</del> | 80   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| 24        | 1:30  | Ruth    | 65          | 9:45     | Ruth            | 60   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| Thursday  | 1:30  | Angus   | 15          | 9:45     | Angus           | 15   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| 25        | 1:30  | Sam     | 40          | 9:45     | Sam             | 75   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| Friday    | 1:30  | Angus   | 65          | 9:45     | Angus           | 55   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| 26        | 1:30  | Sam     | 50          | 9:45     | Sam             | 60   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| Saturday  | 1:30  | Dick    | 25          | 9:45     | Dick            | 75   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
| 27        | 1:30  | Angus   | 35          | 9:45     | Angus           | 40   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
|           | 1:30  | Dick    | 75          | 3:15     | Dick            | 70   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
|           | 1:30  | Dick    | 45          | 3:15     | Dick            | 45   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
|           | 1:30  | Sam     | 25          | 3:15     | Sam             | 25   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |
|           | 1:30  | Dick    | 20          | 3:15     | Dick            | 20   |      |       |     |      |       | TALKS - 280<br>WALKS - 230<br>MVC - 200 |



| Month | Day       | Talks   | Anhinga                      | Gumbo Limbo                   | Specials    | Roving Contacts                      |
|-------|-----------|---|------------------------------|-------------------------------|-------------|--------------------------------------|
|       |           | Time : Init : No.   | Time : Init : No.            | Time : Init : No.             | Group : No. | No.                                  |
| 24    | Sunday    | 1:30 John 20<br>11:00 Dick 35<br>1:30 John 80<br>3:00 Dick 60 | 9:45 John 20<br>3:15 Dick 30 | 11:00 John 45<br>1:45 John 65 |             | TALKS — 195<br>WALKS — 210<br>MUS. — |
|       | Monday    |   |                              |                               |             |                                      |
|       | Tuesday   |   |                              |                               |             |                                      |
|       | Wednesday |   |                              |                               |             |                                      |
|       | Thursday  |   |                              |                               |             |                                      |
|       | Friday    |   |                              |                               |             |                                      |
|       | Saturday  |   |                              |                               |             |                                      |





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

EVERGLADES NATIONAL PARK

and

FORT JEFFERSON NATIONAL MONUMENT

P.O. Box 279

Homestead, Florida

March 1, 1965

REPLY REFER TO:

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for February, 1965

Interpretive Facilities and Planning

Capacity crowds jammed into the auditorium nightly, even with two programs, and most performances were on a standing-room-only basis. The naturalists' reduction in manpower has led to a slight reduction in information desk services, although over-all totals reached a new high.

Restrictions on boats and vehicles have continued to hinder activities.

Interpretive Services

Despite a one-third reduction in manpower a new all-time record high in interpretive services was reached this month. It shows an increase of 12% over last month, and is more than 17% above travel for February, 1964. Morning walks, however, were poorly attended, down 30% from last month's high. Three walks were cancelled because of inclement weather. The Saturday morning Wilderness Hike continued to remain popular, with 48 people in attendance one morning.

Interpretive contacts for the month:

| <u>Program</u>   | <u>Number</u> | <u>Attendance</u> |
|------------------|---------------|-------------------|
| Evening talks    | 56            | 7,400             |
| Morning walks    | 25            | 502               |
| Special talk     | 1             | 22                |
| Information desk |               | 1,300             |
|                  | TOTAL         | <u>9,224</u>      |

Miscellaneous

February 2 - Park Naturalist Richard L. Cunningham gave a special talk to 22 members of the Hobe Sound Garden Club.

February 12 - Naturalist Cunningham was transferred to Royal Palm.

February 15-17 - Mr. & Mrs. Q. Boyd Evison spent several days in the area. Mr. Evison is Chief Park Naturalist, Hot Springs.



February 21 - Dr. Rankin, head of the Biology Division of the National Science Foundation, and his wife were escorted by District Park Naturalist Vincent J. Mrazek and Park Naturalist Bruce C. Sloane on a boat trip to Tarpon Bay in a driving rain.

February 23 - Naturalist Mrazek accompanied Mr. Mason of the U.S. State Department with two Dutch visitors, Mr. Venekamp and Mr. Hagen, on a birding trip.

### Ranger Activities

February 27 - Naturalist Mrazek, accompanied by Maintainanceman Bill Mills and Ranger Max Holden rescued Ranger Bob Benton when his boat broke down in Hell's Bay. Ranger Benton was accompanying Superintendent Stanley C. Joseph and National Park Service Director George B. Hartzog, Jr. at the time.

### Research and Observations

The spring migration appears to be underway with swallowtail kites and tree swallows making an appearance toward the end of the month.

Heavy rains February 21-23 refilled Mrazek Pond, and flooded much of the area. Roseate spoonbills and other birds which had frequented the pond in great numbers disappeared. Apparently the rains thinned out the fish population to such an extent that the birds left for better feeding grounds.

Nine fulvous tree ducks have been seen in Nine Mile Pond for the last ten days of the month.

Harbor seals were reported by two separate parties of visitors in the mouth of the Shark River.

*Bruce C. Sloane*

Bruce C. Sloane

Park Naturalist

for the District Park Naturalist

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1965

May 2, 1965

EVERGLADES  
NATIONAL PARK

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for April, 1965

General

There was a marked tapering off in visitation at the beginning of the month, however, it quickly built up at the Easter holidays and remained so until about April 26th.

The weather during April was remarkably pleasant - cool and dry with a conspicuous absence of the mosquitoes which were so bothersome to visitors last month.

Informational and directional signs and markers

Several signs disappeared during the influx of Easter holiday college students. Notably the perennial pilfering of the Whiskey Creek and Alligator Crossing signs.

Visitor information and orientation stations

Approximately 600 visitors were contacted at the Information Desk at Flamingo.

Informational publications

Nothing to report.

Status of museum exhibits and collections

A second supplement to the collection of marine and estuarine fishes of Everglades National Park, comprising 25 specimens, was received this month from the Institute of Marine Science, University of Miami.

This collection was started through the combined efforts of Park Naturalist Bruce C. Sloane and Marine Biologist Martin Roessler of the Institute of Marine Science, University of Miami.

Wayside exhibits and interpretive signs

Nothing to report.

Self Guiding trails and tours

Several Mangroveland markers along the Bear Lake Road were riddled with bullets and others succumbed to a variety of vandalic acts during the month.

Conducted trips

133 persons participated in the morning walks along the bayshore at Flamingo this month, reflecting the normal seasonal decrease at the wane of the heavy visitor use season.

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Talks and campfire programs

Evening programs were continued at Flamingo with the reduction to one a night and excepting Sundays. This is in accordance with the decrease in visitation and a great lessening of the demand for this service.

Off-site talks

Nothing to report.

Interpretive personnel and training

Park Naturalist Bruce C. Sloane gave notice of his intention to resign effective the 13th of May to pursue his graduate studies in geology.

Audiovisual devices and programs

Nothing to report.

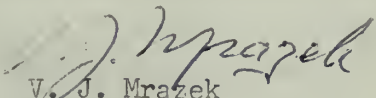
Miscellaneous interpretive activities

Sloane made a trip to Lake Ingraham and Big Sable Creek with Dr. Kai-Curry Lindahl, Swedish ornithologist and Director; Zoological Department, Nordiska Museet, Stockholm on April 15th. Dr. Lindahl is making field studies of new world herons.

Mrazek accompanied and assisted Dr. Craighead on April 17th in obtaining peat samples near the headwaters of Roberts River for carbon dating.

Sloane made a trip to inspect Cuthbert Rookery with Dr. Robertson and National Geographic Society photographer Otis Imboden on April 23rd. The nesting, which was about 15% of a normal year, was near completion.

Mrazek provided the boating wherewithal on a trip with Dr. Craighead and Sir Harry Champion to Cape Sable and Shark River on April 28th. Sir Champion is a member of the United Nations Forestry Board.

  
V. J. Mrazek  
Park Naturalist

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EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N26

April 6, 1965

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Monthly narrative report, Interpretive Division, March, 1965

General

The month of march marked the beginning of the end of the heaviest winter travel season on record for Everglades National Park. Early in the month all facilities were overloaded. Daytime and evening programs had huge attendance, but a mosquito brood and a lessening of winter weather up north served to move campers and other visitors to higher latitudes. Towards the month's end there was an influx of college students and teachers. This is expected to continue until Easter.

Informational and directional signs and markers

Nothing to report.

Visitor information and orientation stations.

Approximately 15,708 people visited the Parachute Key Visitor Center during the month.

Approximately 1,000 visitors were contacted at the Information Desk at Flamingo.

A total of 6612 visitors attended the guided walks offered in the Park and 11,605 attended the daytime talks. A more complete tabulation of visitor contacts will be reported on the new visitor contact report form 10-769 due later this month.

Informational publications

The two trail guide pamphlets, Mangroveland and Shark Valley Loop Road continue to do very well. The guide to the Shark Valley Loop Road being sold on the honor system is doing particularly well with enough revenue being realized from it to perpetuate its publication.

Status of museum exhibits and collections

Approximately 100 slides were added to the slide library.

The portable exhibit panels and slides were prepared for the family camping day at Owaissa Bauer, where the Park exhibit was manned by members of the Protection Division.

EVANGELICAL NATIONAL SEM  
and  
First Lutheran National Sem  
P. O. Box 175  
Winnetka, Illinois 60093

April 1, 1964

Memorandum

To: Information

From: Chief, Post Services

Subject: Henry's narrative course, Interceptive Division, March 1964

Henry

The course was held during the beginning of the year at the Department of  
Interceptive Division for Henry's National Sem. Henry is the  
all facilities were provided. Henry and several members of the  
assistance, but a number of people were not present in  
course served to give support and encouragement to Henry's  
Twelve the course's end Henry was in a state of high  
teachers. This is expected to continue until Henry.

Informational and Educational aims and purposes

leading to unity.

Victory Information and Educational Division.

Approximately 1,500 people visited the Evangelical National Sem during  
the month.

Approximately 1,500 people were contacted at the Evangelical Sem in  
Chicago.

A total of 100 visitors were contacted and guided which added to the year's  
11,000 attended the Chicago Fair. A new national celebration of unity  
concerns will be reported on the new national contact report from 1-10  
the last of the month.

Informational and Educational

The two trial wide programs, Evangelical and Henry's National Sem  
continue to be very well. The guide to the Henry's National Sem and  
sold to the course which is doing well in the course  
being revised from 10 to 100,000 the subject.

Guide of course subjects and subjects

Approximately 100 slides were shown in the slide library.

The weekly subject books and slides were prepared for the daily course  
day at Chicago Sem, where the first slide was shown by Henry in the  
Victory Division.

This portable exhibit suffered rough treatment at the Homestead Fair where it had to be left unattended. These panels will no longer be used for unattended exhibition.

#### Wayside exhibits and interpretive signs

The planning and designing of permanent exhibits to replace the temporary ones at the Shark Valley Tower was started.

A dozen metalphoto labels were stolen from the various trails. Copy for the replacement of these were prepared and sent to the Prison Industries for processing.

#### Self-guiding trails and tours:

Travel on these facilities will appear on the 10-769.

#### Conducted trips

Naturalist Mrazek conducted a field trip along the Crocodile Point Road for 11 students from Culver Stockton College, Missouri, March 30.

A group of foreign meteorologists, guests of meteorologists of this country, from USSR, West Germany, Canada, Malagasy Republic, and Bahamas were given special attention on their trip in the Park by Chief Naturalist Christensen. They were given a trip along the Anhinga Trail and later used other trails in the Park after lunching at Flamingo.

The conducted walk on the Pinelands Trail was discontinued in mid-March as campground visitation dropped. It was considered a successful program and will probably be used again next winter.

Naturalist Mrazek conducted an autocade for the Audubon Workshop to Mahogany Hammock on March 14.

#### Talks and campfire programs

The full winter schedule of Naturalist programs except for the cancellation the last of the month of the guided walks on Monday and Thursday and one evening program nightly at Flamingo was continued and will continue until the summer schedule is adopted.

With the urging of Frank Masland, the Park Story evening program has been altered to give more attention to water problems of the Park.

#### Off-site talks

The Chief Naturalist accompanied by Mrs. Christensen and Assistant Superintendent and Mrs. Burroughs addressed the University Yacht Club at the Coral Gables Country Club on March 24.

Engagements for speakers for off-site programs were deferred until later in the year because of the shortage of personnel and the pressure of the winter programs in the Park.

This committee decided to hold a meeting at the University of Chicago in 1944 to discuss the future of the American people. The committee was composed of the following members:

Committee on the Future of the American People  
The planning and drafting of the report was done by the committee members at the time of the meeting.

A second committee was set up to study the report. This committee was composed of the following members:

Committee on the Future of the American People  
The committee was composed of the following members:

Committee on the Future of the American People  
The committee was composed of the following members:

A group of people were appointed to study the report. This group was composed of the following members:

The committee was composed of the following members:

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Committee on the Future of the American People  
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The committee was composed of the following members:

Committee on the Future of the American People  
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The committee was composed of the following members:

#### Interpretive Personnel and Training

There are presently eight permanent uniformed employees, two seasonal employees and one WAE. One seasonal is at the Shark Valley Loop Road, two permanents are at Flamingo and the remainder are occupied with duties at Headquarters, the Visitor Center and at Royal Palm.

The new forms for the servicewide career development and placement plan have been completed.

#### Audiovisual devices and programs

The Florida Bay recording was installed again in the museum at Flamingo after being out for repairs for several months.

The projection equipment in the Parachute Key Visitor Center continues to be most undependable.

Highlights of the Everglades was loaned to six groups during the month.

#### Miscellaneous interpretive activities

Mr. and Mrs. Frank Masland were in the Flamingo area March 6-22. Mr. Masland is former chairman of the National Park Service Advisory Board. They were conducted by Naturalist Mrazek on several field trips, and showed enthusiasm and understanding of the operations there.

Flamingo naturalists treated four first-aid cases this month.

Thirty mahogany seedlings were planted along the Crocodile Point Road by Dr. Craighead, Gene Simmons and Bruce Sloane.

Mrazek, Sloane, and Mrs. Sloane checked East River Rookery for nesting activity on March 26. The rookery was operating at about 20% capacity of former years.

Ernst T. Christensen

BAHite:bah

Investment in the future of the country is the only way to ensure a bright future for the people. The government must take steps to improve the quality of education and health care. It must also create jobs and provide social security for its citizens. The people must be given the opportunity to participate in the development of their country.

The government must also take steps to improve the quality of the environment. It must protect the forests and the water resources of the country. It must also take steps to reduce pollution and improve the quality of the air. The people must be given the opportunity to live in a healthy and safe environment.

The government must also take steps to improve the quality of the economy. It must create jobs and provide social security for its citizens. It must also take steps to improve the quality of the infrastructure of the country. The people must be given the opportunity to live in a prosperous and stable country.

The government must also take steps to improve the quality of the culture of the country. It must protect the heritage of the people and promote the development of the arts and sciences. The people must be given the opportunity to live in a country with a rich and vibrant culture.

The government must also take steps to improve the quality of the society of the country. It must create a sense of community and social responsibility among the people. It must also take steps to improve the quality of the social services of the country. The people must be given the opportunity to live in a society that is just and equitable.

The government must also take steps to improve the quality of the life of the people. It must provide for the basic needs of the people and ensure that they have access to the services and facilities that they need. The people must be given the opportunity to live a life of dignity and respect.

*Haugen's copy*

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N2615

June 7, 1965

Memorandum

To: Acting Superintendent, Everglades  
From: Chief Park Naturalist  
Subject: Monthly Narrative Report for May 1965

Daily visitation is down, as expected, but large school and Scout groups and other organized groups continue to enter the Park. During this particular month 15 special groups have appeared at Royal Palm and have been given some sort of special attention.

With so much in the newspapers about the water condition weekend travel has picked up a bit as people came down to see the conditions for themselves. Water level in the main pond at Royal Palm is very low. The shoreline extends well out into the pond. Water along the boardwalk has been maintained only by pumps. At times these have broken down and except for two small holes water level fell until the mud dried and cracked in the area around and about the main boardwalk on the Anhinga Trail.

About six-tenths of a mile and two holes were partially cleaned out by the Hayes Crane Construction Co., working under a seven-day contract digging silt out of the canal along the Shark Valley Loop Road. Excellent results were obtained with a clam shovel since the ditch was, for the most part, completely dry. After digging, a foot to a foot-and-a-half of water was available in the ditch area dug. Had funds permitted the digging of the entire length of the ditch water would have been maintained along most of the ditch, even during the extreme drought that we have been experiencing. This work was done during the closure of the road for repairs and during the time of extreme fire danger.

Flamingo operation continued with light visitation as was expected during this month with heavy use during the weekends when large numbers of local fishermen use the area to launch boats. The weather has continued cool throughout the Park, for this time of year, and very dry, therefore mosquitoes all over the Park have been less of a problem than in March.

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY  
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Informational and Directional Signs and Markers: Some additional trail labels have been installed at the Mangrove Trail and some new labels at Pa-hay-Okee to replace those stolen.

Visitor Information and Orientation: Approximately 450 visitors were contacted at the information desk at Flamingo.

Informational Publication: Mr. Roger Rogers, Regional Publications Officer spent two days in the office working with the staff on revisions of Park pamphlet.

Self-Guiding Trails and Tours: At Flamingo work has begun on replacing signs for the Mangrove Nature Trail that were destroyed by vandalism.

Conducted Trips: The bayshore walks at Flamingo were conducted on weekends only because of the seasonal reduction in visitors and the loss of available interpretive personnel. At Royal Palm the number of people have dropped as is usual during this season of the year; however, the special groups that will continue to come until the closing of school will bring it up on weekends and near the end of the week.

Talks and Campfire Programs: Evening programs in the Headquarters area have ceased and down at Flamingo they are reduced to three a week temporarily during the loss of services due to personnel changes at Flamingo.

Off-Site Talks: Several off-site talks have been given in the Miami area during the month of May.

Interpretive Personnel and Training: Park Naturalist Bruce C. Sloane resigned effective May 13 to continue his graduate studies. The Naturalist's secretary Mrs. Beverly A. Hite left on May 26 to join her husband who is now stationed at Blue Ridge Parkway. Naturalist Burce E. Paige reported for duty on May 30 from Death Valley National Monument. He will fill in Sloane's place at Flamingo.

Audio Visual Devices and Programs: One of the main Bogan units that amplify the programs at the Headquarters Visitor Center is not working. There is some difficulty in replacing the particular type of condenser that was blown. Therefore, we are now on a one-unit basis which has continued to operate up until this time.

Miscellaneous: Considerable time has been given to the press going along with cameramen showing them various aspects of the drought.

Ernst T. Christensen

Robert T. Haugen: dal

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June 1, 1965

B.H.

Memorandum

To: Chief Park Naturalist  
From: Park Naturalist, Flamingo  
Subject: Monthly Narrative Report for May, 1965

General

Normally a month of light visitation, there were fewer visitors this month than last, however, weekends were heavy, with large numbers of local fishermen visiting the area.

The weather continued rather cool for the time of year and very dry. Mosquitoes were less of a problem than in March.

Informational and directional signs and markers

Nothing to report.

Visitor information and orientation stations.

Approximately 450 visitors were contacted at the Information Desk at Flamingo.

Informational publications

Nothing to report.

Status of museum exhibits and collections

Nothing to report.

Wayside exhibits and interpretive signs

Nothing to report.

Self-guiding trails and tours

Work was begun on replacing signs for the Mangroveland Nature Guide that were destroyed by vandals.

Conducted Trips

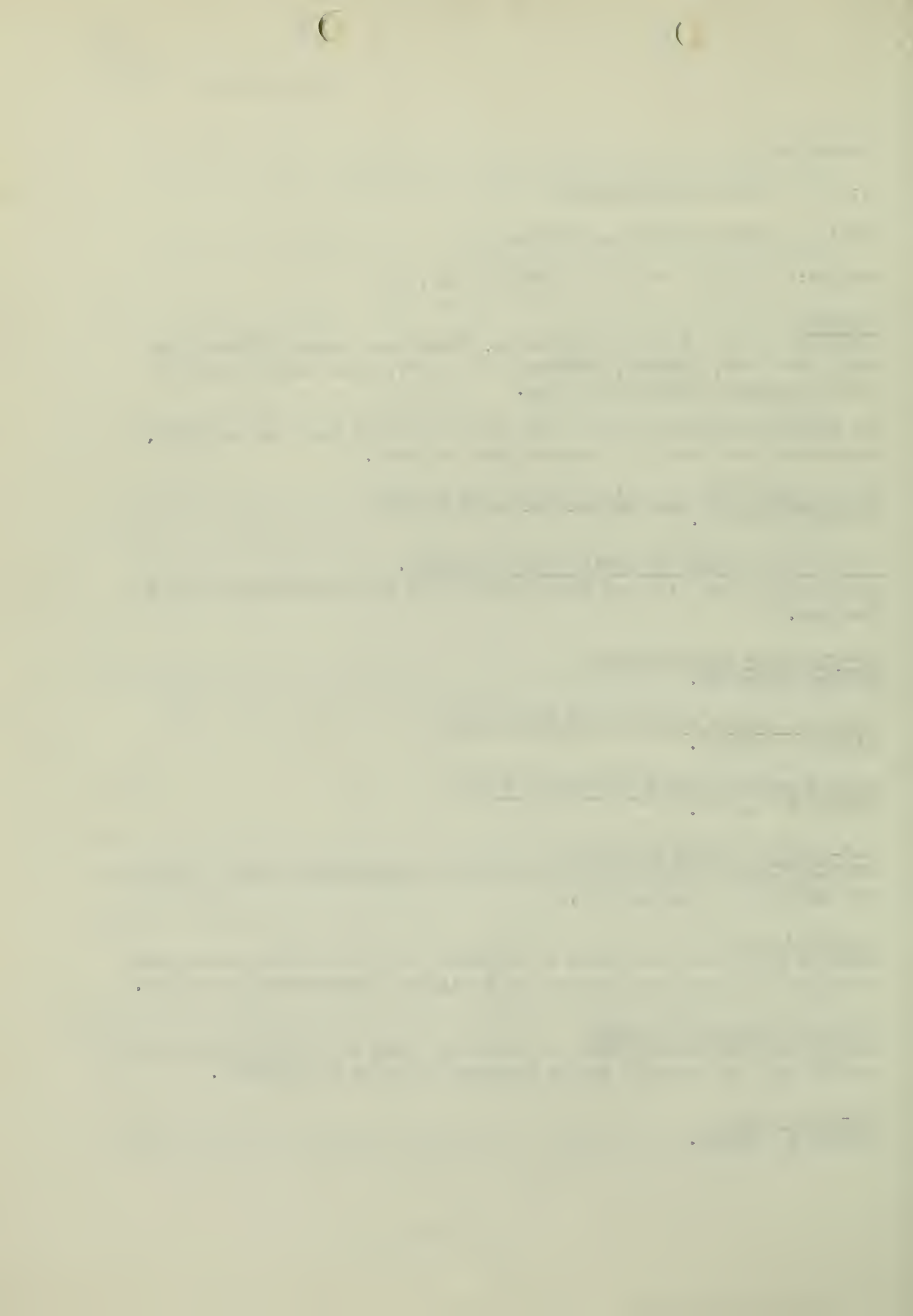
Bayshore walks were conducted on weekends only because of the seasonal reduction in operations and loss of available interpretive personnel.

Talks and campfire programs

Evening programs were reduced to three per week temporarily due to an interim loss of services during personnel changes at Flamingo.

Off-site talks

Nothing to report.



Interpretive personnel and training

Park Naturalist Bruce C. Sloane resigned effective May 13th, to continue his graduate studies.

Park Naturalist Bruce B. Paige reported to duty on May 30th from Death Valley National Monument.

During this change in personnel the interpretive program at Flamingo was conducted on a one-man basis.

Audiovisual devices and programs

Nothing to report.

Miscellaneous interpretive activities

Naturalist Mrazek spent several hours on May 25th reviewing the cacti of the Flamingo area in the field with Dr. Lyman Benson, Professor of Botany, Pomona College, Claremont, Calif. Dr. Benson is preparing a book on the cacti of the United States.

*V.J. Mrazek*  
Vincent J. Mrazek  
Park Naturalist

THE SECRETARY OF THE INTERIOR  
WASHINGTON, D. C.

DEAR SIR:

I have the honor to acknowledge the receipt of your letter of the 10th inst.

and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.

I am, Sir, very respectfully,  
Yours very truly,  
J. M. Smith

Very truly,  
J. M. Smith

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT

N26 P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

May 7, 1965

Memorandum

To: Superintendent

From: Assistant Chief Naturalist

Subject: Monthly narrative report, Interpretive Division - April, 1965

General

Visitation remained high through the week following Easter, and since has been heavy on weekends at Royal Palm.

Water level at Royal Palm is going down in spite of efforts by the maintenance crew who have worked manfully to keep the mud along the main board walk wet. Many fish have moved into the area where the discharge pipe is located. The main pond in front of the station is very low and dropping rapidly. Water is below sea level. The pumping and aerating of water has been continuous since April 16.

The Anhingas left the area once the water dropped to a level where they could no longer dive.

The absence of mosquitoes in Royal Palm and Flamingo area has made it very pleasant for visitors.

Informational and directional signs and markers

The Whiskey Creek and Alligator Crossing signs have disappeared again and are now probably in someone's den.

Visitor information and orientation stations.

Approximately 600 visitors were contacted at the information desk at Flamingo and 13,028 at the Parachute Key visitor center.

Informational publications

Park Naturalist Zimmer's book, Turtle Lore, a 60 page book illustrated in full color was received this month and is now on sale. The Natural History Association is also handling two other publications new to the sales shelves. They are Dr. Craighead's Annotated Checklist of the Vascular Plants and Land, Mangroves and Hurricanes.

Various studies have shown that the use of a computer in the classroom can be a valuable tool for learning. The use of a computer can help students to learn at their own pace, and it can provide them with immediate feedback on their work. Additionally, the use of a computer can help students to develop their problem-solving skills and their ability to work with data. The use of a computer can also help students to develop their communication skills and their ability to work in a team. The use of a computer can be a valuable tool for learning, and it can help students to achieve their learning goals.

continuous since April 10. Banded it below and level. The ponding was caused by water that had been The main pond is from 10 to 15 ft. in depth and very low and covered with mud. well. Many fish have moved into the area where the discharge line is located. Water level at Signal Point is going down it is about 10 ft. above the water level.

The findings will also have the potential to be applied to a range of other

The absence of an epidemic in Italy (and elsewhere) may be due to the fact that the virus is not as virulent as the one in the West.

Information and Operational Data are wanted

and 1/100 at the National Bag Visitor Center.  
Approximately 100 visitors were contacted at the National Bag Visitor Center at Washington  
Visitor Information and Education Station.

Information submitted by  
Mrs. Margaret L. Lundy, 1000 1st St. N.E., Washington, D.C.  
The subject of this report is a woman who is now on trial. The subject of this  
report is also handling two other individuals who are also on trial.  
They are Dr. Margaret L. Lundy, 1000 1st St. N.E., Washington, D.C.  
and Mrs. Margaret L. Lundy, 1000 1st St. N.E., Washington, D.C.

#### Status of museum exhibits and collections

A second supplement to the collection of marine and estuarine fishes of Everglades National Park, comprising 25 specimens was received this month from the Institute of Marine Science, University of Miami.

This collection was started through the combined efforts of Park Naturalist Bruce C. Sloane and Marine Biologist Martin Roessler of the Institute of Marine Science.

#### Wayside exhibits and interpretive signs

Nothing to report.

#### Self guiding trails and tours

Several Mangroveland markers along the Bear Lake Road were riddled with bullets and others succumbed to a variety of vandalic acts during the months

#### Conducted trips

Attendance at walks is falling off as we go into a slump of travel. However, school groups are picking up in number and probably will continue to do so until June.

#### Talks and campfire programs

Evening programs at Long Pine Key ended with Easter weekend. But they continue with a one program a night schedule at Flamingo.

#### Off-site talks

There were three off-site programs this month, one a church group, another a Kiwanis group, and the other a school group. A total of 321 attended.

#### Interpretive personnel and training

Mr. Kelly Motherspaugh was furloughed April 30. The reports of his experiences at the tower have helped us plan for future interpretive coverage there.

#### Audiovisual devices and programs

At this particular time, the staff is happy to report that all audio units are working.

#### Miscellaneous interpretive activities

The Flamingo naturalists assisted with several special study groups in the Flamingo area. Dr. Kai Curry-Lindahl, Dr. Craighead and Sir Harry Champion, and Dr. Robertson and National Geographic Society photographer Otis Imboden were a few.

Robert T. Haugen

James V. Smith

Enclosed for the National Council on Education and the Arts are two copies of the report of the National Council on Education and the Arts, dated 11/10/61, and two copies of the report of the National Council on Education and the Arts, dated 11/10/61.

The report of the National Council on Education and the Arts, dated 11/10/61, is a report of the National Council on Education and the Arts, dated 11/10/61.

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Naturalists  
Copy

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N2615

July 6, 1965

Memorandum

To: Acting Superintendent, Everglades  
From: Chief Park Naturalist

Subject: Monthly Narrative Report for June 1965

Interpretive Facilities: During the month the Chief Naturalist met with Miss Henry and Mr. Pancoast to discuss the scope of the proposed memorial to Guy Bradley.

In line with the directive on the closing hours of public use areas The Parachute Key Visitor Center and the Royal Palm Station were kept open two hours beyond the normal closing time and records of their use documented. Generally, it was found that late afternoon, at both stations, was extremely light and that keeping these stations open until after dark was not warranted.

One of the lift box exhibits along the Shark Valley Loop Road was damaged by water and has been refurbished.

Interpretive Services: While visitation to Everglades National Park in June fell below that of May it still set an all-time record for the month. The increase of approximately 37% is in line with the travel for the year.

Generally the weather was favorable for Park use and for most of the month insect pests were not a real problem. Towards the end of the month a moderate infestation was experienced making the use of wooded trails less appealing.

The influx of representatives from various communications media continued to seek information about drought conditions here. However, the type of information has changed considerably from that of the previous month. During May it was more or less for immediate, local consumption. Now it is for articles in nationally circulated magazines and for TV documenters. In all cases every effort has been made to supply material, B/W pictures, colored slides and even



movie film.

The water situation in the Park improved after a series of rains in June. The rains were far short of meeting the needs of the drought-stricken area. Evidence of this appeared in the form of a heavy infection of Argulus that overwhelmed garfish at the pond in front of the Royal Palm Station. These aquatic parasite, apparently an undescribed species, have killed almost all garfish in the pond. Approximately 2,000 dead fish were removed from the water. Very few remain. Apparently the parasite is somewhat specific to garfish. Although they have been found attached to other fish they apparently do not harm the other species.

All scheduled conducted trips were continued. Bayshore walks at Flamingo on weekends and the two daily guided walks at Royal Palm were also continued. Use of the Gumbo Limbo Trail for guided walks was restricted because of the mosquito infestation. The three evening program at Flamingo were continued.

A temporary Naturalist, James A. Denslow, entered on duty during the month and after suitable training is now working both at the Shark River Loop Road area and at Royal Palm.

Ernst T. Christensen

The first of these is the fact that the  
 Government has been unable to secure  
 the necessary funds to carry out its  
 policy of expansion. This is due to  
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THE END

EVERGLADES  
NATIONAL PARK

[illegible]

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for June, 1965

It was a normal month of visitor use. A drop-off after the Memorial Day weekend and a gradual increase when schools let out toward the middle of the month. The weather was hot and humid, however, with less than normal rainfall. Thus the mosquitoes were less of a nuisance than usual and there was a concomitant increase in the number of campers.

Nothing to report.

Approximately 120 visitors were contacted at the Flamingo information desk.

Nothing to report.

A beginning was made on a marine shell collection representative of the Flamingo and Cape Sable areas with the thought in mind of preparing an exhibit in the lobby outside the museum.

Nothing to report.

A model of a new type of reference marker for the Mangroveland Nature Guide was prepared this month. Institution of the new marker system is pending approval from headquarters and availability of funds.

Bayshore walks were conducted on weekends only.

The reduced scheduled of evening programs remained in effect during June while half of our two-man complement was on leave.

Nothing to report.

1. The first part of the report is devoted to a general survey of the situation in the country. It is found that the country is in a state of general depression, and that the people are suffering from want and distress. The cause of this is attributed to the war, and the consequent destruction of property and the loss of life.

2. The second part of the report is devoted to a detailed account of the various measures which have been taken by the Government to relieve the suffering of the people. It is found that the Government has done much to alleviate the distress, and that the people are beginning to feel the effects of the relief measures.

3. The third part of the report is devoted to a description of the various measures which have been taken by the Government to improve the condition of the country. It is found that the Government has done much to improve the condition of the country, and that the people are beginning to feel the effects of the improvement measures.

4. The fourth part of the report is devoted to a description of the various measures which have been taken by the Government to improve the condition of the country. It is found that the Government has done much to improve the condition of the country, and that the people are beginning to feel the effects of the improvement measures.

5. The fifth part of the report is devoted to a description of the various measures which have been taken by the Government to improve the condition of the country. It is found that the Government has done much to improve the condition of the country, and that the people are beginning to feel the effects of the improvement measures.

6. The sixth part of the report is devoted to a description of the various measures which have been taken by the Government to improve the condition of the country. It is found that the Government has done much to improve the condition of the country, and that the people are beginning to feel the effects of the improvement measures.

Interpretive personnel and training

Newly arrived Naturalist Bruce Paige was given a two week orientation and training period during the first part of the month.

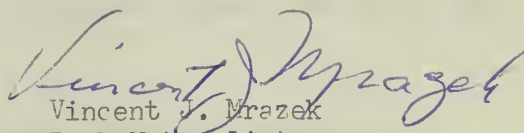
District Naturalist Mrazek was on leave the last two weeks of June.

Audiovisual devices and programs

Nothing to report.

Miscellaneous interpretive activities

Naturalist Paige conducted a group of 38 teachers from the U. of Miami National Defense Institute for Advanced Study in Geography on a nature walk along the Mahogany Hammock trail on June 19th. He gave the same group a special talk in the auditorium that evening.

  
Vincent J. Mrazek  
Park Naturalist

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

Submitted by: [Name]  
Date: [Date]  
Title: [Title]

*[Handwritten signature]*

EVERGLADES NATIONAL PARK  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N2615

August 1, 1965

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Division of Interpretation Monthly Narrative Report for July, 1965

General

Increase or Decrease in Travel: Daily visitation has increased. Parachute Key Visitor Center showed an increase of 27% over last month. There was a 35% increase in the number of visitors to the Flamingo area over the corresponding month last year. Attendance at programs in Flamingo dropped by about 12%. This can be directly attributed to the heavy mosquito infestation. Campers were reluctant to leave their tents and trailers after dark and even those that braved the mosquitos from the motel and campground were harassed by them throughout the program as intermittent late comers brought with them a fresh supply of the pesky little arthropods. Weekend bayshore walks ended with less than half the beginning complement in attendance for the same reason.

Visitors: Mr. Lester Pancoast, Architect representing the Audubon Society, again met with Chief Park Naturalist Christensen and Naturalist Zimmer on July 11. On this occasion they traveled to Flamingo to look over the proposed site for the Guy Bradley Memorial as planned by the Park Service.

A group of seven college students from Rigaud College, Bourget, Quebec were conducted on field trips by Naturalists Mrazek and Paige on July 17 and 18. The group was under the supervision of Father Genest.

Miscellaneous: Park Guide Maude Harriott returned from a 10 weeks camping vacation. She and her husband, Bill, visited 15 National Parks and Monuments; traveling 12,000 miles reaching Cape Flattery the northwestern most point in the continental United States - the point furthest away from Everglades National Park.

Assistant Chief Naturalist Robert Haugen and his family also embarked on a camping vacation which encompassed several of the eastern National Forests and one Park.

RECEIVED  
U. S. DEPT. OF JUSTICE  
WASHINGTON, D. C. 20535

0011

August 1, 1951

Memorandum

To: Department

From: Chief of Bureau

Subject: Division of Investigation Monthly Summary Report for July, 1951

General

During the month of July, 1951, the Division of Investigation has continued its efforts to maintain and improve its operations. The Division has received a number of requests for information and assistance from various agencies and individuals. The Division has also received a number of complaints and reports of criminal activity. The Division has been successful in obtaining information and assistance from various sources, and has been able to identify and locate a number of individuals who are involved in criminal activity. The Division has also been successful in obtaining information and assistance from various sources, and has been able to identify and locate a number of individuals who are involved in criminal activity. The Division has also been successful in obtaining information and assistance from various sources, and has been able to identify and locate a number of individuals who are involved in criminal activity.

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A group of seven individuals who are involved in criminal activity have been identified and located. The Division has also been successful in obtaining information and assistance from various sources, and has been able to identify and locate a number of individuals who are involved in criminal activity. The Division has also been successful in obtaining information and assistance from various sources, and has been able to identify and locate a number of individuals who are involved in criminal activity.

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## ADMINISTRATION

Personnel: John D. Leppert's appointment as a WAE Park Ranger (Naturalist) has been extended to 7/02/66. Marion B. Goble, former secretary to the Administrative Officer, received a transfer and promotion to fill the vacant Secretary (DMT) position.

## Conservation, Interpretation and Use

Interpretive Facilities: Work continued on the collection, identification, and labeling of representative marine shells of the Flamingo and Cape Sable areas.

Flamingo naturalists explored the beginning of the canoe trail to Pearl Bay to inspect its condition and weigh the possibilities of improving it for public use. At present it is in need of clearing and remarking its course.

Approximately 40 new slides were added this month of the Park's slide collection.

Since the tape and repeater used to tell the Pa-hay-okee story are inoperative, they were returned to the Audiovisual Section, WASO. One tape used in the program at Parachute Key Visitor Center was also returned. Summer humidity has caused more difficulty in the operation of the audiovisual program at Parachute Key Visitor Center and in addition the transformer has gone on the projector used to show the wide screen movie.

Interpretive Services: With the return of District Naturalist Mrazek from vacation, evening programs have been scheduled each evening except Sunday. These programs continue to be a favorite with the visitor.

With the onset of the rainy season, mosquitos have become quite a problem. Because of this, the conducted walks at Royal Palm have centered around the Anhinga Trail where there is still a moderately good "show" and where the water problem is still in evidence and can be discussed with the visitor. No walks were conducted on the Cumbo Limbo Trail as, even after fogging, the trail was alive with mosquitos.

The new closing hours at Parachute Key Visitor Center (8:00 a.m. - 6:00 p.m. Monday through Friday; 8:00 a.m. - 7:00 p.m. Saturday and Sunday) have been in effect throughout the month. A tally of persons who entered the visitor center during this time has been kept with the resultant totals:

|              |  |
|--------------|--|
| 5:00 - 5:30: | 248  |
| 5:30 - 6:00: | 140 (4 of these stopped to feed the baby; 3 to report a car in difficulty) |
| 6:00 - 6:30: | 43   |
| 6:30 - 7:00: | 10   |

APPENDIX

Summary: This is a summary of the data collected in the field during the summer of 1964. The data were collected in the field during the summer of 1964. The data were collected in the field during the summer of 1964.

1. Introduction

The purpose of this study was to determine the effect of the treatment on the growth of the plants. The data were collected in the field during the summer of 1964.

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Research and Observations: There were several indications of an early bird migration at Flamingo. Observations included: Redstarts, Yellow-throated Warblers, Barn Swallows, Spotted Sandpipers and Kingfishers.

Reports received from Shark Valley Loop Road indicate that the Deer herd has increased due to low water years and increase in food supply because of vegetational changes and few predators. The lubber grasshoppers are appear to be increasing due to the drying out of the Glades allowing more eggs to survive. This drought, though, has caused a tree die back along the Shark Valley Loop Road. But, happily otter have frequently been observed in this area.

#### Resource Planning

Cooperating Non-Government Agencies: Naturalist Zimmer and Park Biologist Robertson compiled information and photographs pertaining to the Park which had been requested by Richard Carrington an author who is undertaking a volume about parks of the world.

The stock of Everglades Natural History sales books has been moved from the stockroom of the University of Miami Press to the Naturalist's workshop. The move was necessitated by the poor storage conditions which were causing deterioration of the books.

10 Class A Collecting Permits were issued during the month.

Ernst T. Christensen

MEGoble:mbg



August 1, 1965

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for July, 1965

General

There was a 35% increase in the number of visitors into the Flamingo area over the corresponding month last year. However, attendance at programs dropped by about 12%. This can be directly attributed to the heavy mosquito infestation this month. Campers were reluctant to leave their tents and trailers after dark and even those that braved the mosquitoes from the motel and campground were harassed by them throughout the program, as intermittent late comers brought with them a fresh supply of the pesky little arthropods. Weekend bayshore walks ended with less than half the beginning complement in attendance, for the same reason.

Informational and directional signs and markers

Nothing to report.

Visitor information and orientation stations

Approximately 310 visitors were contacted at the Flamingo information desk.

Status of museum exhibits and collections

Work continued on the collection, identification and labeling of representative marine shells of the Flamingo and Cape Sable areas.

Wayside exhibits and interpretive signs

Nothing to report

Self-guiding trails and tours

Flamingo naturalists explored the beginning of the canoe trail to Pearl Bay this month to inspect its condition and weigh the possibilities of improving it for public use. At present it is in need of clearing and remarking its course.

Conducted Trips

Enjoyment and participation in the weekend bayshore walks was reduced to a great extent by the presence, in great swarms, of Aedes taeniorhynchus.

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Talks and campfire programs

An increased scheduled of evening programs went into effect this month. Programs are now presented every night except Sunday.

Off-site Talks

Nothing to report

Interpretive personnel and training

Nothing to report

Audiovisual devices and programs

Nothing to report

Miscellaneous interpretive activities

A group of seven college students from Rigaud College, Pourget, Quebec were conducted on field trips by Mrazek and Paige on July 17th and 18th. The group was under the supervision of Father Genest.

There were several indications of an early bird migration. Observations included: Redstarts, Yellowthroated Warblers, Barn Swallows, Spotted Sandpipers and Kingfishers.

  
Vincent J. Mrazek  
Park Naturalist

RECEIVED BY THE SECRETARY OF THE ARMY

WASHINGTON, D. C. 20315

1945

OFFICE OF THE SECRETARY OF THE ARMY

WASHINGTON, D. C. 20315

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RECEIVED BY THE SECRETARY OF THE ARMY  
WASHINGTON, D. C. 20315  
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N2615

EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

September 10, 1965

Memorandum

To: Superintendent  
Acting  
From: /Chief Park Naturalist

Subject: Division of Interpretation Monthly Narrative Report for  
August, 1965

GENERAL

Increase or Decrease in Travel: Visitor use has been good for this time of the year with mostly out of state cars. Attendance at walks and talks at Royal Palm was very good for this time of the year in spite of heat and mosquitos. Flamingo staff reports increase of attendance at their evening programs.

Visitors: Park Naturalist Hrazek spent two days in the field with Mrs. Craighead and Kritzer studying marine plants and animals. Dr. Kritzer is a noted marine biologist and instructor at Bard College, New York and Florida State University.

Park Naturalist Paige met with Mrs. B.Q. Ward, research microbiologist, and E. Spencer Garrett, microbiologist, both from the Bureau of Commercial Fisheries, Pascagoula, Miss. on August 4. They spent the day around Flamingo taking mud and fish samples as a part of their research on botulism along the Florida coasts.

Miscellaneous: Park Naturalists Hrazek and Paige spent August 22 on orientation and photography in the Shark Valley Loop Road area and Everglades. The day was topped off like icing on the cake with the bird roost trip into Chokoloskee Bay which produced splendor galore in the form of seemingly endless string like flights of white ibis and a spectacularly colorful sunset.

ADMINISTRATION

Personnel: Seasonal Ranger Naturalist Samuel W. Hendlen was furloughed ending his 5th season with the Park and we are looking forward to his return for the winter season.

Seasonal Ranger Naturalist James A. Penslow was converted to Seasonal Park Ranger General.

THE NATIONAL ANTHROPOLOGICAL ARCHIVES  
AND  
THE NATIONAL MUSEUM  
WASHINGTON, D. C.  
20560-0001

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Park Naturalist David B. Ames from Moss Verde joined the staff on August 30 and is busy becoming acquainted with this entirely different area.

Training: All available members of the Interpretation staff were called in for a one day training session.

### CONSERVATION, INTERPRETATION AND USE

Interpretive Facilities: Our troubles continue with the audio-visual equipment. The unit at Pa-Hay-Okee is still not fixed. The machine that has been in for repairs for over a year continues to be not available. In the Parachute Key Visitor Center we are operating the slide program on one unit. The wide screen movie projector is down and repair cost makes its repair questionable.

Members of the staff are making progress on the Guy Bradley Memorial Trail plans which are being made in cooperation with the Audubon Society.

Additional work was carried out on the marine shell study collection this month.

A review was made of several suggestions for new signs for the Mangroveland Nature Guide.

### Interpretive Services:

The number of visitor who took advantage of the later closing hours at Parachute Key Visitor Center decreased over last month. The tally of persons who entered the visitor center is as follows:

|              |     |
|--------------|-----|
| 5:00 - 5:30: | 216 |
| 5:30 - 6:00: | 139 |
| 6:00 - 6:30: | 5   |
| 6:30 - 7:00: | 6   |

Research and Observations: Weather for August was very dry and our much needed water has not arrived. Water level at Royal Palm and Taylor Slough has not been high enough to drain out the weeds in the canal area which are now choked with vegetation.

Very little reproduction seems to be taking place in the ponds.

Mosquitos have been heavy most of the month causing a great deal of discomfort to staff and visitors.

### Resource Planning

Cooperating Non-Government Agencies: 7 Class A Collecting Permits were issued during the month.

Robert T. Haugen

as there are many other things that I have not mentioned that  
concern the welfare of the people of this country and I am sure that  
you will be interested in them.

Very truly yours,  
[Signature]

### THE NEW YORK PUBLIC LIBRARY

As the New York Public Library is a public institution, it is  
the duty of the Board of Trustees to see that the library is  
kept up to date and that the books are of the best quality.  
The Board of Trustees has therefore decided to purchase a new  
collection of books for the library and to have them bound in  
the best possible manner.

The Board of Trustees has also decided to have the library  
redecorated and to have the books arranged in a new and  
improved manner.

The Board of Trustees has also decided to have the library  
open to the public at all times and to have the books  
available to all.

The Board of Trustees has also decided to have the library  
kept up to date and to have the books of the best quality.

### THE NEW YORK PUBLIC LIBRARY

The Board of Trustees has also decided to have the library  
redecorated and to have the books arranged in a new and  
improved manner.

|      |      |      |
|------|------|------|
| 1890 | 1891 | 1892 |
| 1893 | 1894 | 1895 |
| 1896 | 1897 | 1898 |
| 1899 | 1900 | 1901 |

The Board of Trustees has also decided to have the library  
kept up to date and to have the books of the best quality.

The Board of Trustees has also decided to have the library  
redecorated and to have the books arranged in a new and  
improved manner.

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kept up to date and to have the books of the best quality.

### THE NEW YORK PUBLIC LIBRARY

The Board of Trustees has also decided to have the library  
kept up to date and to have the books of the best quality.

Sept. 1, 1965

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for August, 1965

The weather during August was unseasonably dry, but not dry enough to discourage the mosquitoes and they were here in swarms throughout the month. Several timely rain squalls on the last day of the month served to temporarily alleviate drought conditions around Flamingo, however we are still about 12 inches below normal for the year.

Visitor use of the area and attendance at interpretive programs was normal for the time of year.

Informational and directional signs and markers

Nothing to report

Visitor information and orientation stations

Approximately 560 visitors were contacted at the Flamingo information desk.

Status of museum exhibits and collections

Additional work was carried out on the marine shell study collection this month.

Wayside exhibits and interpretive signs

Nothing to report

Self-guiding trails and tours

A review was made of several suggestions for new signs for the Mangroveland Nature Guide.

An on-site survey was made for the proposed Coastal Prairie Trail near the new campground at Flamingo with the Chief and Asst. Chief Naturalists.

Conducted trips

Bayshore nature walks were conducted on a weekend basis during the month.

Talks and campfire programs

Evening programs were well attended during August, an increase of 30% over last month.

Off-site talks

Nothing to report

Interpretive Personnel and training

Two seasonal naturalists from the Royal Palm area were conducted on orientation trips by boat and car in the Mangrove District during August.

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Audiovisual devices and programs

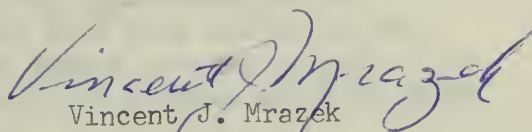
Nothing to report

Miscellaneous interpretive activities

Mrazek spent two days in the field with Drs. Craighead and Kritzler studying marine plants and animals. Dr. Kritzler is a noted marine biologist and instructor at Bard College, New York and Florida State University during the summer.

Mrazek and Paige spent August 22 on orientation and photography in the Shark Valley Loop road and Everglades City areas. The day was topped off like icing on the cake with the bird roost trip into Chokoloskee Bay which produced splendor galor in the form of seemingly endless string like flights of white ibis and a spectacularly colorful sunset.

Paige met with Drs. B.Q. Ward, research microbiologist and E. Spenser Garrett, microbiologist, both from the Bureau of Commercial Fisheries, Pascagoula, Miss. on August 4. They spent the day around Flamingo taking mud and fish samples as a part of their research on botulism along the Florida coasts. They asked our cooperation in the collection of mud samples from various marine areas of the park.

  
Vincent J. Mrazek  
Park Naturalist

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EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
N2615 P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

October 4, 1965

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Division of Interpretation Monthly Narrative Report  
for September, 1965

GENERAL

Increase or Decrease in Travel: The number of visitors using interpretive facilities at Flamingo and Royal Palm dropped markedly during the month. It is interesting to note that the Sunday following the hurricane 1,117 people were counted entering the Park through the Entrance Station. Since the Dade County parks, the Miami beach areas, and the Florida Keys were closed to the public, apparently a goodly number of Sunday travelers (and perhaps in this case curiosity seekers) and boaters chose to visit the Park.

ADMINISTRATION

Personnel: Park Naturalist Richard Cunningham left on September 20 to attend the Horace M. Albright Training Center fall session.

Park Naturalist Gale Zimmer, while on annual leave, visited Great Smokies, Blue Ridge, Shenendoah, and several monuments.

Park Naturalist Vincent Mrazek is currently on annual leave and is using the time to visit relatives in Kentucky.

CONSERVATION, INTERPRETATION, AND USE

Interpretive Facilities: Hurricane Betsy has left her scars on Everglades National Park. Damage to man made developments will soon be cleaned up, repaired, or rebuilt, but her damage to the natural features of the area will take years to replace, if they ever do come back. The fact that the Hurricane itself was a natural feature has helped the interpretive staff very little. Betsy has left the interpretive staff with the problem of how to interpret what we have left - the story of hurricanes can only be told so often.



At this writing, the Headquarters (Parachute Key) Visitor Center is out of operation and will be so until it is redone which may be many months from now. Therefore, the Entrance Station is being used as the initial visitor contact point. Because of the traffic problem, little can be done here. The best that the staff can do is to hand out brochures; give a quick, but pleasant, greeting; and suggest they visit Royal Palm where further information is available.

Royal Palm area suffered greatly. The Gumbo Limbo Trail was not reopened until the last week of this month and is still in rather bad shape. The top of the hammock was removed allowing sunlight to flood most of the area. Anhinga Trail was not damaged.

Of the rest of the trails along the main Park road, only Pineland and Mangrove Trails are open. Mahogany and Pa-Hay-Okee will stay closed until money is made available for reconstruction.

The trails at Bear Lake and the road to Snake Bight are also closed due to extensive damage. .8 miles of downed trees and shrubs were cleared from the Snake Bight road by naturalist personnel.

Architect Lester Pancoast submitted a drawing reflecting his concept of the Guy Bradley Trail. This drawing was forwarded to SERO for comments.

Interpretive Services: On several nights, due to the light visitation, the scheduled program at Flamingo was cancelled. At Royal Palm, there were so few visitors that the majority of the talks and walks had "no takers".

Evening programs at Flamingo were reduced to Wednesday, Friday, and Saturday to permit the District Naturalist to take leave.

Sightseeing boat trips to Whitewater Bay and the sunset cruise are operating on schedule. The Cape Sable trip has been cancelled until about November 1, as the dock at East Cape was destroyed in the hurricane.

All talks to be presented this winter season at Flamingo have been brought up to date. New talks will be offered on birds, Park water problem, and Florida Bay. The present talks are being taped for use as a second evening program this winter.

Research and Observations: There was apparently very little bird mortality due to the hurricane; however, fish kill was high.

The fall migration is well under way. Large flocks of warblers have been observed in Royal Palm and Flamingo areas. Vireos and Gnatcatchers

At this writing, the Department of Defense has not yet received any information from the State Department regarding the status of the investigation. The Department of Defense is currently conducting its own investigation and will report the results to the State Department as soon as they are available. The Department of Defense is also conducting a review of the procedures used in the investigation and will report the results to the State Department as soon as they are available. The Department of Defense is also conducting a review of the procedures used in the investigation and will report the results to the State Department as soon as they are available.

There is a very large number of people who are interested in the work of the Commission, and who are willing to contribute to the work in various ways. The Commission is very grateful to all those who have helped it in the past, and who will continue to help it in the future.

ON THE PART OF THE UNITED STATES GOVERNMENT  
THE FOLLOWING INFORMATION IS FURNISHED TO YOU:

the results of these tests and the need to make them more  
to extensive changes. A series of tests were also made  
from the same data and by statistical methods.

10-10-68

1. The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land owned by the United States in the State of California:

Research programs at Eindhoven were selected for technical, scientific, and economic reasons. The selection was based on the following criteria:

Wavelength used must be 600nm or less  
Spreading on substrate - The more liquid the better  
Don't overheat! as the more you heat the better the results

ALL letters to the Government from persons or companies should be addressed to the Director, General Land Office, Department of the Interior, Washington, D. C. 20460. The Government will be pleased to receive suggestions, criticisms, and requests for information. The Government will be pleased to receive suggestions, criticisms, and requests for information.

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See comments in brief report on *Thymus* above. When the distribution of tail elevations is well described by a single log-normal distribution, the tail elevation is called a *tail*.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

are foraging in the mangroves. Lark Sparrows, Pigeon Hawks, and shorebirds of all kinds have been coming through in numbers.

After Betsy, one new species of bird new to the Park was noted and several species were displaced.

The water at Royal Palm is dropping on an average of .1" a day.

Wildlife and Fish Cultural Activities: Dr. Archie Carr of the Caribbean Conservation Corporation arranged for 1800 Green Turtles to be flown here again this year. They arrived the night of September 27 and were promptly taken to Flamingo; transferred to a waiting boat for release in the surrounding waters. 800 were sent over the side at Bradley Key and 600 at Cape Sable. The next morning 400 were flown to Fort Jefferson and released in the Dry Tortugas.

On September 29, Assistant Chief Naturalist Robert Haugen and District Ranger Stokes accepted a donation of three 9 month old female panthers, one 2½ year old male Black Bear, and one 10 foot male crocodile from Bill and Lester Piper of Bonita Springs. The animals, who were in excellent condition, were released inside the Park. These animals represent a very valuable gift to the National Park Service.

COOPERATING ASSOCIATIONS

Closing of the Visitor Center has effected the Everglades Natural History Association. There was a drop in sales for this month - at a time when we can ill afford it.

Ernst T. Christensen

MBGoble:mbg

and changing in the meantime. The Government, however, has  
endeavored to all kinds of ways to keep it constant.

After this, the new version of this and the first one were  
several years later.

The second of these is supposed to be a copy of it. It is

Writings and Speeches of John Jay. It is a book of  
several hundred pages. It is a book of  
to be found in this book. It is a book of  
It was first printed in 1790, and was  
first for release in the following year. It was  
also in 1791, and was in the book. It was  
first for release in the following year.

The following is a list of the names of the  
persons who were a part of the Jay's  
and of the names of the persons who were  
and of the names of the persons who were  
in the following year. It was  
in the following year. It was  
in the following year. It was

### CONTENTS

History of the Jay's. The following is a list of the  
names of the persons who were a part of the Jay's  
at a time when they were in the Jay's.

John T. Jay

1791



UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
Everglades National Park  
October 1, 1965

IN REPLY REFER TO:

Memorandum:

To: Chief Park Naturalist, Everglades

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for September, 1965

General

Weather Conditions: Hurricane Betsy brought about 5 inches of rain to the Flamingo area, raising water levels to near normal. By the end of the month, however, water levels had dropped again as there was little other precipitation during what is normally one of the wettest months.

Flamingo Weather Data

|                       |       |
|-----------------------|-------|
| Maximum Temperature   | 92    |
| Minimum Temperature   | 72    |
| Precipitation         | 8.07  |
| Precipitation To Date | 26.90 |

Increase or Decrease in Travel: Travel decreased markedly from August at Flamingo. Attendance at the evening programs was less than a fourth of that recorded in September, 1964. The decrease can be attributed to; 1) the closure of Flamingo to visitation for a week following Hurricane Betsy; 2) lack of overnight accommodations due to damaged facilities; 3) high winds prevailing over Florida Bay through most of the month reducing use by boaters, and; 4) mosquitoes.

Visitors: Mr. Gibson Johnston, US Public Health Service  
Dr. George Sudia, US Public Health Service  
J. D. Pennekamp, Associate Editor, Miami Herald  
Mr. Lewellyn, Soil Study, University of Florida  
Mr. Horace Sutton, Saturday Review  
Dr. Durwin C. Tabb, Marine Laboratory, University of Miami

Administration

Personnel: Flamingo personnel were evacuated for Hurricane Betsy on the 7th and returned to duty on the 9th.

District Naturalist Mrazek and Park Naturalist Paige attended an employment follow-up interview with Personnel Officer Tayler on the 17th.



District Naturalist Mrazek was on annual leave from the 24th through the end of the month.

### Conservation, Interpretation and Use

Interpretive Facilities: The self-guiding auto trail and the Mangrove trail at West Lake suffered minor hurricane damage. The Mahogany Hammock and Bear Lake trails and the road to Snake Bight are closed due to extensive damage. .8 miles of downed trees and shrubs were cleared from the Snake Bight road by naturalist personnel.

Interpretive Services: Evening Programs were reduced to Wednesday, Friday and Saturday at 8:30 to permit personnel to take leave. On several scheduled nights programs were cancelled, a reflection of light visitation during the month.

Sight-seeing boat trips to Whitewater Bay and the sunset cruise are operating on schedule. The Cape Sable trip has been cancelled until about November 1. The dock at the East Cape was destroyed in the Hurricane.

All talks have been brought up to date. New talks will be offered this winter on birds, park water problems and Florida Bay. The present talks are being taped for use as a second evening program this winter.

Research and Observations: A report was submitted to Park Biologist Robertson concerning the damage to wildlife populations at Flamingo due to Betsy. No damage was noted in the East River Rookery.

The fall migration is well under way, with large flocks of warblers, vireos and gnatcatchers foraging in the mangroves. Lark Sparrows, Pigeon Hawks and shorebirds of all kinds have been coming through in numbers.

Wildlife and Fish Cultural Activities: Park Ranger Holden and Park Naturalists Zimmer and Paige released 2,000 Green Turtle young received from Costa Rica on the 27th and 28th. 1,400 were released near Guy Bradley Key, the rest on East Cape Sable.

+ Mrs. Burrow-ko + Chris

1800 no D 2000 received

800 to Bradley

600 to Cape Sable

400 at 25 off

Bruce B. Paige  
Bruce B. Paige



**EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
N2615 P. O. BOX 279  
HOMESTEAD, FLORIDA 33030**

**November 9, 1965**

**Memorandum**

**To: Superintendent**  
**From: Chief Park Naturalist**  
**Subject: Division of Interpretation Monthly Narrative Report  
for October, 1965.**

**GENERAL**

**Visitors:** Mr. Gosta Vogel-Rodin, Managing Director, Tourist Traffic Association of the Province Vastergotland, Tallhattan, Sweden visited with the Chief Park Naturalist and was given assistance with visual materials furnished.

District Ranger Mrazek accompanied Mr. Hugh Cortney Lane, Asst. Editor, The Evening Post, Wellington, New Zealand, on a field trip October 23.

**ADMINISTRATION**

**General:** Chief Park Naturalist Christensen and staff worked on the preparation of the Everglades Natural Sciences Research Plan as well as the Shark Valley Loop Road Area Interpretive Prospectus. Work was also started by Assistant Chief Naturalist Haugen on the Interpretive Prospectus for Fort Jefferson National Monument.

**Personnel:** Naturalist Bruce Paige was assigned the Culvert Study Research Program since Ranger Holden's reassignment to the Tamiami area.

**CONSERVATION, INTERPRETATION, AND USE**

**Interpretive Facilities:** Much as been done this month to renovate interpretive devices damaged or antiquated by Hurricane Betsy: The Liguus exhibit was refreshed and replaced at Royal Palm; work was begun on rewriting trail labels which were antiquated; "lift" exhibits were removed from Anhinga and Mangrove Trails and along the Shark Valley Loop Road for refurbishing; and, panel exhibits in need of redoing were removed from the museum at Flamingo, West Lake exhibit room, and Pa-hay-okee and sent to the Museum Laboratory, WASO.

Udine

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2019

[illegible]

THE FARMING SCHOOL, WELLINGTON, NEW ZEALAND, ON 15 FEBRUARY 1907.

1. The first of these is the fact that the majority of the population of the United States is now living in urban areas. This is a result of the process of urbanization, which has been going on since the beginning of the 20th century. The process of urbanization is the movement of people from rural areas to urban areas. This is a result of the fact that urban areas offer more opportunities for employment and education. The process of urbanization has led to the growth of large cities and the decline of small towns. This has led to a concentration of population in a few large urban areas. This is a result of the fact that urban areas offer more opportunities for employment and education. The process of urbanization has led to the growth of large cities and the decline of small towns. This has led to a concentration of population in a few large urban areas.

[illegible][illegible]

Work was started on new signs for the Mangroveland Self-guiding auto tour. The design will be similar to that used along the Shark Valley Loop Road. The two interpreters assigned to Flamingo have undertaken the task of routing, painting, and constructing 22 two-sided interpretive signs along 5 miles of the main Park road from the bridge to the Snake Bight Road.

A fresh set of slides was placed in the rookery exhibit in the museum at Flamingo and preventive maintenance was performed at that time.

Interpretive Services: Much rain, many mosquitos and few visitors was the story for October. The decrease in visitor use was reflected in the generally poor attendance at programs during the month.

With the closing of the visitor center, first because of damage by the hurricane, and now for remodeling, initial contact with the visitor is at the entrance station. As indicated in last month's report, it is virtually impossible to properly discuss the various aspects of "what to do and see" while in the Park and still keep traffic moving at a reasonable pace. To overcome this, Park Guide Maude Harriott has compiled and is now preparing mimeographed sheets to give the visitor which will indicate "what to see where" and will incorporate the winter schedule of naturalist programs.

One copy of "Highlights of the Everglades" is missing. Inquiries have been sent out, but to no avail. Any information about this missing film will be appreciated.

Research and Observations: A concerted effort is being made to record field observations. Forms for this have been given out in great number; consequently, many observation reports have been received from field personnel this month - most significant enough to be further recorded and placed in the permanent observation record file.

The windows at Park Headquarters have proved to be an excellent collecting and observation spot. At the present time, carefully being watched and photographed by Park Naturalist Zimmer, are varieties of spiders and spider egg sacs. One sac was dissected under the microscope and yielded scads of minute and lively young who immediately spun sild and lowered themselves from the scopeto the table.

The lowest water level at Taylor Slough for the month was recorded on October 1 - 2.70"; the highest on October 23 - 4.14".

On October 17, a medium-sized alligator was found wandering in the Royal Palm parking lot. The front 3 inches of its lower jaw was hanging by a flap of skin. This was apparently caused by an argument with a fellow reptile. He was moved from the area.

There was a small, dark, rectangular object, possibly a box or a bag, lying on the ground near the base of the tree. It was dark in color, possibly black or dark brown, and had a rectangular shape. It was lying on its side, and its top surface was facing upwards. It was located in the lower right quadrant of the image, near the base of the tree. The object was surrounded by grass and some small plants. It was not clearly identifiable as a specific object, but it appeared to be a man-made item.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

the book for posterity. The language in which we are permitted to be  
revelatory is not a matter of course, but a matter of choice.

[illegible]

One way of "highlighting" the importance of the knowledge is to use a "highlighting" tool. This tool is used to highlight the knowledge in a document. The tool is used to highlight the knowledge in a document. The tool is used to highlight the knowledge in a document.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

1. The purpose of this document is to provide information to the public regarding the results of the investigation conducted by the FBI on the activities of the [redacted] group. This document is being released to the public in order to provide transparency and to ensure that the public is aware of the findings of the investigation.

THE UNIVERSITY OF CHICAGO PRESS  
50 EAST LAKE STREET, CHICAGO, ILL. 60607, U.S.A.  
1985

On October 17, a handwritten affidavit was filed supporting the claim that the defendant had been in the area of the crime on the night of the murder. The affidavit was signed by a person who claimed to be a friend of the defendant and who had seen him in the area of the crime on the night of the murder. This affidavit was used by the prosecution to establish that the defendant was in the area of the crime on the night of the murder.

The power line along the Anhinga Trail may be reducing the bird life. Two dead Florida Gallinules were found dead below the wires. A coot with a broken leg was found beneath the boardwalk spur.

A Cape May Warbler, earliest fall record, was seen at Flamingo Marina on October 16.

On October 26, Coots were observed at Snake Bight - 5,600 strong!

A panther seemingly about nine months old was seen at West Lake. It is possible that this animal was one of those released last month.

Curatorial Activities: Herpetological and ichthyological specimens received during the past year were cataloged.

Seasonal Naturalist John Ogden, who is assisting the Park Biologist, has prepared seven bird specimens for the study collection.

Approximately 70 new slides were added to the Park's slide collection.

Many insects heretofore not found in the study collection were collected (mainly from around the Headquarters area), pinned and added to the collection.

#### COOPERATING ASSOCIATIONS

The annual Board of Directors of the Everglades Natural History Association was held the night of October 21.

Ernst T. Christensen  
Chief Park Naturalist

MBGoble:mbg

The house is a small one-story building with a gabled roof. The front porch is supported by four columns. The house is located on a small lot.

A. C. Smith, owner, 1234 Main St., New York, N. Y.

On March 12, 1912, the house was sold to J. C. Smith.

A further description of the house is given in the report.

The house is a small one-story building with a gabled roof.

The house is located on a small lot.

The house is a small one-story building with a gabled roof.

The house is located on a small lot.

### PROPERTY DESCRIPTION

The house is a small one-story building with a gabled roof.

Page 7, continued  
The house is a small one-story building with a gabled roof.

Page 8

November 1, 1965

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for October, 1965

General

Much rain, many mosquitoes and few visitors was the story for October, 1965. There was a 20% decrease in visitation to the Flamingo area under that for October of last year. The decrease in visitor use was reflected in the generally poor attendance at evening programs during the month.

Informational and directional signs and markers  
Nothing to report

Visitor information and orientation stations  
Approximately 155 visitors were contacted at the Flamingo information desk which was manned only part time, usually on weekends.

Status of museum exhibits and collections  
The two hurricane exhibits in the Flamingo museum and one from the West Lake exhibit room were removed and sent to the Museum Lab for updating since the visit by "Betsy" in September.

Wayside exhibits and interpretive signs  
Nothing to report

Self-guiding trails and tours  
Work was started on new signs for the Mangroveland Self-guiding Auto tour. The design will be similar to that used along the Shark Valley Loop road. The two interpreters presently assigned here are undertaking the task of routing, painting and construction of 22 two-sided interpretive signs along 5 miles of the main park road from the bridge to the Snake Bight road.

Conducted Trips  
Bayshore walks were conducted on weekends and were poorly attended because of inclement weather and insect nuisance.

Talks and campfire programs  
Programs were presented three nights a week and were poorly attended.

Interpretive personnel and training  
Naturalist Mrazek was on annual leave the first two weeks of the month.

Mrazek took Naturalist Ames and wife on an orientation trip to the East River Rookery.

Audiovisual devices and programs  
A fresh set of slides was placed in the rookery exhibit and preventive maintenance was performed at the same time.



Miscellaneous interpretive activities

Naturalist Paige was assigned the Culvert Study Research Program (i.e., recording water depth, fish and wildlife concentrations etc.) since Ranger Holden's reassignment to the Tamiami area.

Mrazek accompanied Mr. Hugh Courtney Lane, Asst. Editor, The Evening Post, Wellington, New Zealand on a field trip Oct. 23rd.

Some bird migration observations of note:

Cape May Warbler, earliest fall record - seen at Flamingo Marina on Oct. 16.

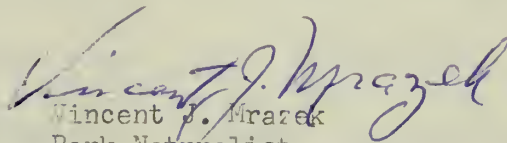
Cliff Swallow - on Oct. 15 near Visitor Center.

Veery - Oct. 17 at West Lake.

Swainson's Thrush - at 9 mi Pond on Oct. 22.

Chesnut-sided Warbler along Buttonwood Canal road on Oct. 23rd.

Coots - 5,600 strong at Snake Bight on Oct. 26.

  
Vincent J. Mrazek  
Park Naturalist



# Royal Palm October 1965

|                    |      |           |
|--------------------|------|-----------|
| Lowest water level | 2.10 | on Oct. 1 |
| Highest " "        | 4.14 | on Oct 23 |

Visitation is slowly increasing. Several rainy days slowed this trend.

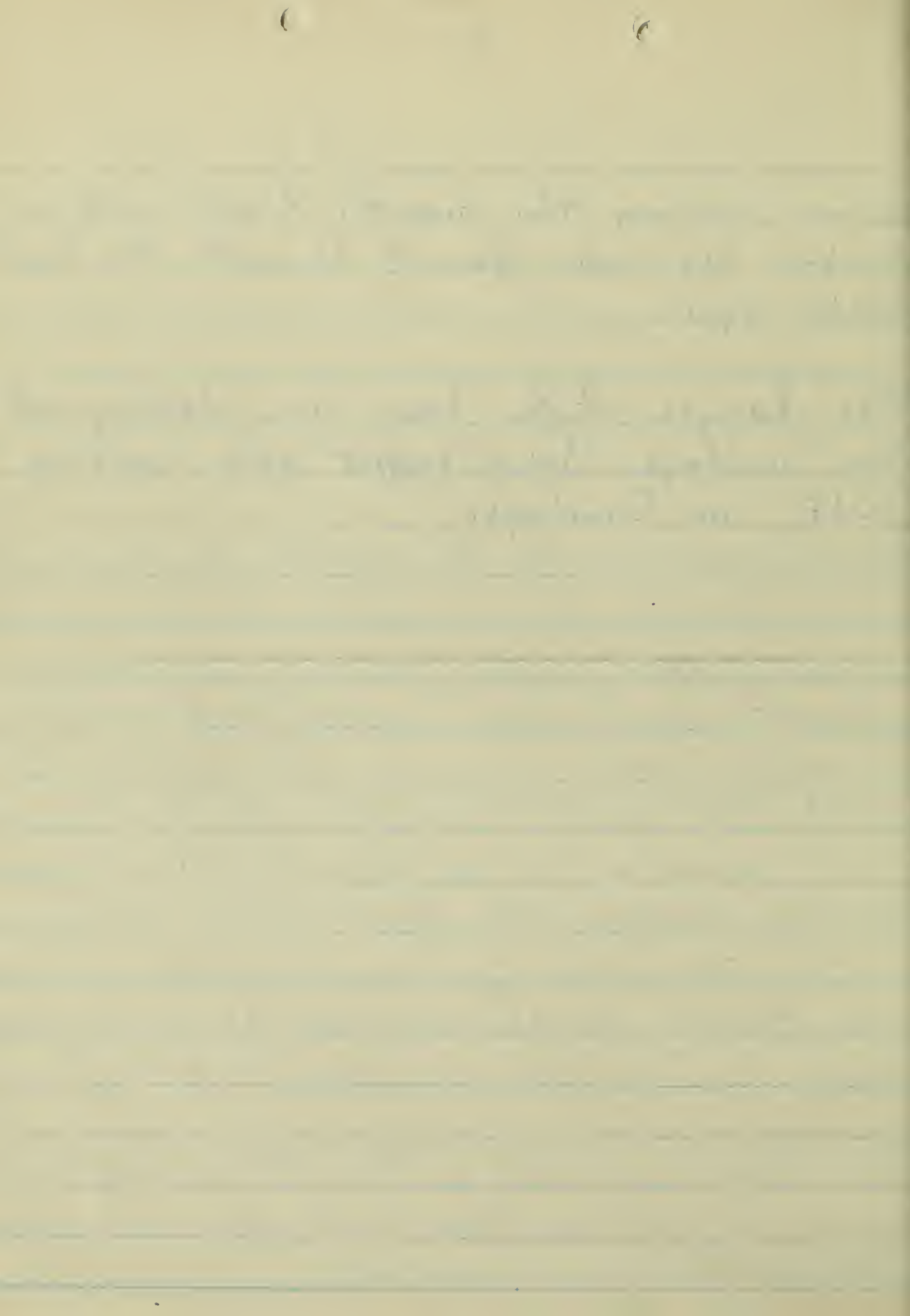
Exciting event for the month: On arriving at work Sunday morning October 17 John Leppert was greeted by the loser in a possible alligator duel. The 7 footer was crawling around under cars in the parking lot with the front 3 inches of its lower jaw hanging by a flap of skin. Cowboy Carlson roped the poor critter and with the help of Jim Synagogue hooked it to the canal running down the east side of the hole-in-the-doughnut.

The Power Line along the Ankinga Trail may be reducing the bird life. Two dead florida gallinules were found below the



coot during the month. A coot with a broken leg was found beneath the boardwalk spur.

The Ranger-tides have been helping out on Sundays. John Leppert also working WAE on Sundays.



EVERGLADES NATIONAL PARK  
and  
FORT JEFFERSON NATIONAL MONUMENT  
P. O. BOX 279  
HOMESTEAD, FLORIDA 33030

N2615

December 3, 1965

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Division of Interpretation Monthly Narrative Report for November, 1965

GENERAL

Visitors: Mr. John Carey from Burlington, Ontario, consulted with the interpretive staff regarding an educational film he has been compiling during visits to the Park over the past several years. The greater portion of this film was reviewed by the staff and was found to be excellent. In order to fill in several background sounds he was not able to record - i.e. alligator and limpkin - he borrowed several sound tracks from the Park library.

Naturalist Mrazek accompanied Dr. John H. Davis, Professor of Botany, University of Florida and eight graduate students to Mahogany Hammock and Mangrove Trails on November 20. Dr. Davis will be a member of the Research Team who will visit early in December.

ADMINISTRATION

General: A draft of the Everglades Natural Sciences Research Plan and the final draft of the Interpretive Prospectus for the Shark Valley Loop Road area were completed and submitted. The first draft of the Interpretive Prospectus for Fort Jefferson will be ready for submission to Southeast Regional Office early in December; however, it will be held at Everglades until Mr. Manucy arrives and can review it.

CONSERVATION, INTERPRETATION, AND USE

Interpretive Facilities: The lift boxes on all operating trails have been replaced after the "face lifting" made necessary by Hurricane Betsy.

The interpretive staff at Flamingo have been spending most of their spare time in the completion of 22 interpretive signs for the self-guiding auto tour along 5 miles of the main Park road near Flamingo.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF THE HISTORY OF ARTS  
AND ARCHITECTURE  
CHICAGO, ILLINOIS

1912

January 1, 1912

Dear Sir,

I have the honor to acknowledge the receipt of your letter of the 28th inst.

and in reply to inform you that the same has been forwarded to the proper authorities.

I am, Sir, very respectfully,  
Yours truly,  
The Secretary of the Department of the History of Arts and Architecture

REMARKS

The Department of the History of Arts and Architecture has the honor to acknowledge the receipt of your letter of the 28th inst. and in reply to inform you that the same has been forwarded to the proper authorities. The Department of the History of Arts and Architecture has the honor to acknowledge the receipt of your letter of the 28th inst. and in reply to inform you that the same has been forwarded to the proper authorities.

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It is planned to hang the signs from angled pipe at the brush side of the road berm to prevent interference with roadside mowing operations.

Interpretive Services: The winter schedule of naturalist conducted programs has been compiled and printed. The program which in previous years was offered on Wednesday evening in the Headquarters Visitor Center will be given as a campfire program at Long Pine Key Campground until the remodeling of the Visitor Center is completed. Because of the excellent response last year to a once-a-week guided tour along the Pineland Trail, this has been incorporated into the winter schedule and will be led by Naturalist Gale Zimmer.

The evening programs at Flamingo were increased to six nights a week and were well attended at the end of the month. During the four day Thanksgiving weekend the "auditorium" was crowded to the last square foot of space and many visitors were unable to get in at all.

The Bayshore walks on weekends were also well attended and well received this month.

The visitation at Royal Palm as well as the number of visitors who afforded themselves of the services available there showed a marked increase.

Several American Bitterns and Purple Gallinules at Royal Palm have enhanced the services of that area. They spend most of their time in spots where they can be easily seen and seem to delight in posing for those two legged mammals with cameras in hand.

Research and Observations: Not too many alligators were to be seen at Royal Palm this month.

Rangers Stokes and Winte reported evidence of a deer kill by a panther in the Tamiami Sub-District.

A pair of Bald Eagles at Coot Bay began rebuilding their nest which has been destroyed by Hurricane Betsy about November 15.

White Pelicans again adorned the mud flats in front of the Flamingo Visitor Center, making their first appearance early this month. They numbered well over 500 by the month's end.

Roseate Spoonbills began making their seasonal appearances at the various roadside ponds this month. These birds have also been observed nesting at the Tern Keys. The hurricane fairly well denuded the trees of these islands and the Roseate Spoonbills' nest, can be easily viewed from a boat standing off shore.

It is difficult to find this book because it is not in the main text of the book. It is in the appendix.

1. The first step in the process of the investigation is to determine the scope of the problem. This is done by identifying the area of the problem and the extent of the problem. The next step is to gather information about the problem. This is done by talking to people who are involved in the problem and by looking at documents and other sources of information. The third step is to analyze the information that has been gathered. This is done by looking for patterns and trends in the information and by trying to understand the causes of the problem. The fourth step is to develop a plan to solve the problem. This is done by deciding what needs to be done and by assigning tasks to people who are responsible for doing the work. The fifth step is to implement the plan. This is done by carrying out the tasks that have been assigned. The sixth step is to evaluate the results of the investigation. This is done by comparing the results with the original problem and by determining whether the problem has been solved. The seventh step is to report the results of the investigation. This is done by writing a report that describes the problem, the investigation, and the results.

[illegible]

The following table lists the names of the authors of the papers in the volume, along with their affiliations and the titles of their papers.

The information in this report is based on data collected by the  
Bureau of Census, Department of Commerce, and is not to be  
distributed outside the Department of Commerce.

the choice for regional managers with overseas contacts.

© 1995 by the American Psychological Association, 0893-3200/95/\$12.00  
DOI: 10.1037/0893-3200.10.1.000

A copy of this report is sent by mail immediately after each meeting.  
For more information, contact the National Council on Aging at 800-690-7424.

[illegible]

Avocets and shore birds.

Curatorial Activities: A very valuable collection of Liguus and other land snail shells was donated to the Park by Mr. Richard Deckert of Miami. This is an enormous collection comprised of an estimated 8,000 specimens. Curatorial work has been delayed on this collection until Mr. Deckert and Mr. Ralph Humes are able to visit the Park to explain certain aspects of this collection to us. In the meantime Regional Reserve Funds have been requested to purchase proper equipment in which to store these shells.

Approximately 25 more insects were added to the study collection this past month.

### RESOURCE PLANNING

Cooperating Non-Government Agencies: Three collecting permits were issued this month.

Superintendent Joseph and Chief Naturalist Christensen were members of a panel which discussed the water situation as part of Fort Myers' Conservation Week. Mr. Dail, Central and Southern Florida Flood Control District was also a member of this panel. This discussion panel was very well received and several requests for speakers were received from other organization in this area as a result.

Each day more and more requests for a speaker are received from schools, clubs, and other organizations. Chief Park Naturalist Christensen and Assistant Chief Park Naturalist Haugen contacted the better part of a thousand people in the Miami-Homestead area this month alone as a result of these requests.

Assistant Chief Naturalist Haugen escorted the Ranger Aides to the town of Everglades where Sammy Hamilton, Concessioner, took them on a boat trip in the area.

### COOPERATING ASSOCIATIONS

The National Park Service auditors have been auditing the Everglades Natural History Association's records and will meet with officials here during December to discuss their findings.

Ernst T. Christensen

MEGoble:mbg

1. The first step in the process of identifying a potential problem is to determine the scope of the problem. This involves identifying the area of the organization that is affected by the problem and the extent of the problem. For example, if the problem is a decrease in sales, the scope of the problem would be the sales department and the extent of the problem would be the decrease in sales.

Approximately 75 men identify with names in this group including:

[illegible]

1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the underlying causes. Once the causes have been identified, the next step is to develop a plan of action. This involves identifying the steps that need to be taken to solve the problem and determining the resources that will be needed to implement the plan. Finally, the last step in the process is to implement the plan and monitor the results. This involves putting the plan into action and tracking the progress of the solution. Once the problem has been solved, the final step is to evaluate the results and determine if the solution was effective.

It is the only one of its kind in the world.

The National Rifle Association's position on gun control is well known. The NRA is a powerful lobby group that has been successful in blocking many gun control measures. The NRA's position is that gun ownership is a fundamental right and that gun control measures are an infringement on this right. The NRA also argues that gun control measures are ineffective in reducing gun violence.

1000/1000

Dec. 1, 1965

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for November, 1965

General

The weather cooled, rain and mosquitoes dropped off, and the number of visitors increased substantially during November. Attendance at evening programs toward the end of the month was near capacity, compared to an average of 25% or less during Sept and Oct.

Informational and directional signs and markers  
Nothing to report

Visitor information and orientation stations

Approximately 460 visitors were contacted at the Flamingo information desk, manned only part time during the month.

Status of museum exhibits and collections

The hurricane exhibits from the Flamingo museum and the West Lake exhibit room were still undergoing changes at Museum Lab in Washington.

Wayside exhibits and interpretive signs  
Nothing to report

Self-guiding trails and tours

Most spare time was spent in the completion of 22 interpretive signs for the self-guiding auto tour along 5 miles of the main park road near Flamingo. It is planned to hang the signs from angled pipe at the brush side of the road berm to prevent interference with roadside mowing operations.

Conducted Trips

Bayshore walks on weekends were well attended and well received during the month.

Talks and campfire programs

Evening programs were increased to six nights a week and were well attended at the end of the month. During the 3 day Thanksgiving holiday the auditorium was crowded to the last sq. foot of space and many visitors were unable to get in at all.

Interpretive personnel and training

Both Flamingo naturalists attended the in-service training program at Hdqs on Nov. 17th.

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Audiovisual devices and programs

Nothing to report

Miscellaneous Interpretive Activities

Naturalist Paige devoted day a week to the Culvert Study research project.

Naturalist Mrazek accompanied Dr. John H. Davis, Prof of Botany, U. of Florida and eight graduate students to Mahogany Hammock and Mangrove trails on Nov. 20th.

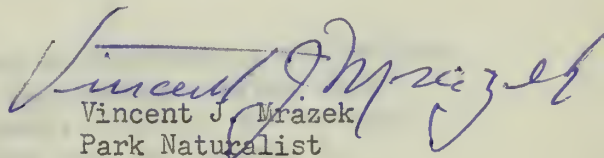
Notable bird observations:

The pair of bald eagles at Coot Bay began rebuilding their nest (destroyed by "Betsy") about Nov. 15th.

White pelicans again adorned the mud flats in front of the Visitor Center, making their first appearance early this month. They numbered well over 500 by the month's end.

Roseate Spoonbills began ~~to~~ making their seasonal appearances at the various roadside ponds this month.

Snake Bight was the scene of many migrants - ducks, coots, White Pelicans, Avocets and shore birds.

  
Vincent J. Mrazek  
Park Naturalist

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UNITED STATES  
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE  
EVERGLADES NATIONAL PARK  
and

FORT JEFFERSON NATIONAL MONUMENT

P. O. BOX 279

HOMESTEAD, FLORIDA 33030

January 5, 1966

*Naturalist*  
*File*

REFER TO:

N2615

Memorandum

To: Superintendent

From: Chief Park Naturalist

Subject: Division of Interpretation Monthly Narrative Report for  
December, 1965

GENERAL

Visitors: Dr. Clyde L. Porter, Jr., University of Miami, spent an afternoon researching the herbarium and library. Before leaving he stated that our Park library contained a wealth of information on South Florida while the University's library did not and thus our library was much superior to the University's.

Mr. Ralph Humes donated a day of his time to work on the Deckert collection. The main purpose, at this time, was to separate the foreign shells from those inhabiting the everglades. The foreign shells will not be included in the collection donated to the Park instead they will be offered to various museums.

Mrs. Laura Dickson, authoress of Yellowstone Wonderland for Boys and Girls, and who is currently working on another children's book pertaining to wildlife incidents in National Parks, arrived at Park headquarters to begin research of the library and observation file to secure material for a section on Everglades National Park.

Mr. Alfred Bester, representative of Holiday magazine and who is currently doing an article on the water situation, was escorted to various places in the Park by Assistant Chief Naturalist Haugen. To aid his research further, he was also given the existing printed information and a bibliography pertaining to the water problem and the background of the Park.

Mr. George Page, NBC News, reporter for the Huntley Brinkley program, was in the area preparing a documentary on the water situation. Naturalists Gale Zimmer and Vince Mrazek escorted him to various places where he could best see the water story.

Naturalist Bruce Paige spent several days in the field birding with Senator and Mrs. Holland and on December 12 accompanied by District Naturalist Vince Mrazek the group cruised to Lake Ingraham.



The Science Study Group from New York headed by Mrs. Doris Timpano visited the Park over the Christmas holiday again this year. They were treated to special programs at both Royal Palm and Flamingo.

Miscellaneous: Marion and Lister Goble spent their Christmas holiday visiting friends in Guatemala. They had the unusual opportunity of spending Christmas Eve and Christmas Day on a coffee plantation where they joined the Indians in traditional celebrations including the breaking of the pinata.

### ADMINISTRATION

Personnel: Since the return of Naturalist Richard Cunningham from the Horace M. Albright Training Center and the return to duty of Kelly F. Motherspaugh and Samuel Mendlen, Naturalist David Ames has been transferred to Flamingo. David is still helping out at Royal Palm on Mondays and is scheduled to give the evening campfire program at Long Pine Key.

Our new WAE Naturalist, George E. Nausaenger, received his indoctrination under fire ... the thousands of visitors who flocked to Royal Palm during the holidays. George is a welcome addition to the staff displaying an eagerness and understanding for the job which is so catching.

Assistant Chief Naturalist Haugen attended the U.S. Civil Service Commission Management Institute in Atlanta. He felt this was an excellent course and one which certainly made him appreciate the value of a secretary.

Naturalist Bruce Paige continued the Culvert Research Study, taking weekly measurements and observations from culverts along the Park road.

Seasonal Naturalist Kelly Motherspaugh has been stationed at Shark Valley Loop Road again this year. Here he has learned to handle an airboat and is assisting in patrol and law enforcement work in addition to his interpretive assignments.

### CONSERVATION, INTERPRETATION, AND USE

Interpretive Facilities: During the middle of the month, both the Mahogany Hammock and Pa-Hay-Okee Trails were open again to the public after considerable cleaning up and renovating made necessary by Hurricane Betsy.

A message repeater was received for use at Pa-Hay-Okee and is now operative.

Work on Mahogany Hammock lift boxes is in progress.

The placement of the newly constructed interpretive signs along the Park road near Flamingo will be completed as soon as pipe and fittings are delivered.



The Entrance Station continued to be the first visitor contact point until the erection on December 30 of a small wooden "shanty" in the Headquarter's parking lot. This new information point was extremely necessary because of 1) the tremendous traffic through the Entrance Station and 2) overloading of the restroom system at Royal Palm. On one of the peak days cars (including farmers and missilemen headed toward the Hole-in-the-Donut) were backed up almost to the entrance of the Park. Thus, information which could be dispensed was very limited indeed. The new structure, although rustic, is alleviating this problem greatly and in addition is taking a lot of the burden off answering basic question away from the staff at Royal Palm.

Interpretive Services: By the end of the month, the winter schedule of naturalists' programs was in effect. See schedule attached. At Flamingo beginning Dec. 21 and lasting through the end of the month, hundreds of visitors were turned away each night at the evening program due to lack of space in the Everglades Park Company's lounge. District Mrazek feels that there will probably be a rash of complaints about the inadequacy of the "auditorium". At Royal Palm, cars overflowed the parking area and many were forced to park along the roadways a good walking distance from the station. The talks and guided walks both at Royal Palm and Flamingo were exceptionally well attended with groups at Royal Palm numbering a hundred or more people each program. The campfire circles were also well received and most nights the count was a full house plus.

Research and Observations: The bird show at Coot Bay began as usual for this time of year, but the food supply was quickly exhausted and there were only a few birds to be seen there most of the month.

The East River Rookery stated to form late this month. On December 29 there were about 100 pairs of Wood Ibis and 40 pairs of Common Egrets along with 10 pairs of Anhingas in the rookery. According to Dr. Wm. Robertson, Park Biologist, if the water level continues to recede, the Wood Ibis' chances of rearing their young must be considered doubtful at this time.

The Royal Palm area which thousands of people have come to love for its profusion of wildlife in the winter months has a drastically reduced number of animals this year. The fish on which the wading birds and alligators feed are so few in number are not enough to sustain the wildlife there. Observed are small fish, but few large gar, bass and bream. At this writing there are three large and 14 to 16 small gators, 2 purple gallinules; one each bittern, Snowy Egret, Louisiana Heron, Common Egret, Little Blue Heron; many Anhingas; and occasional Wood and White Ibis to be seen. Previously, at this time of year, three to four of each species could be readily pointed out to visitors.

The Entrance Station continued to be the first visitor contact point until the erection on December 31 of a small wooden "shanty" in the "hangar" parking lot. This new information point was extremely necessary because of (1) the tremendous traffic through the Entrance Station and (2) overcrowding of the restroom (just at Royal Palm). In one of the new "hangars" (including farmers and fishermen needed around the lake-in-the-pond) were packed up almost to the entrance of the lot. Thus, information could be dispersed in very limited space. The new structure, although small, is alleviating this problem greatly and in addition is taking a lot of the burden of answering basic questions away from the staff at Royal Palm.

Interpretive Services: By the end of the month, the winter schedule of naturalists' programs was in effect. New exhibits appeared. At the beginning Dec. 31 and lasting through the end of the month, hundreds of visitors were turned away each night as the evening program due to lack of space in the Everglades Park Company's lounge. Naturalists' talks that there will probably be a rash of complaints about the overcrowding of the "auditorium". At Royal Palm, cars overflowed the parking area and many were forced to park along the highway a good walking distance from the station. The talk and guided walk tour at Royal Palm and Dade County were exceptionally well attended with groups at Royal Palm numbering a hundred or more people each session. The cumulative circles were also well received and most nights the count was a full house plus.

Research and Observations: The bird show at Green Bay began to really fly this time of year, but the food supply was quickly exhausted and there were only a few birds to be seen there most of the month.

The East River Nursery started to turn into this month. On December 22 there were about 100 pairs of Wood Ibis and 50 pairs of Green Egrets along with 10 pairs of Kingfishers in the nursery. According to Dr. M. Robertson, Park Biologist, if the water level continues to recede, the Wood Ibis' chances of raising their young will be somewhat doubtful at this time.

The Royal Palm area which thousands of people have come to love for its profusion of wildlife in the water remains a remarkably rich and varied habitat of animals this year. The fish on which the water birds and alligators feed are so few in number are not enough to sustain the wildlife there. Observed are small fish, but few large gar, bass and bream. As this winter there are three large and 10 to 15 small species of game fish; one each species, Snowy Egret, Louisiana Heron, Green Heron, Little Blue Heron, and occasional Wood and White Ibis to be seen. Unfortunately, at this time of year, three to four of each species could be readily pointed out to visitors.

The water level at Royal Palm dropped about 1'2" inches during the month. When it began dropping, small fish were observed jumping over a weir in an attempt to move upstream in to the pond.

A Black Bear weighing approximately 125 lbs. was observed by Earl Jackson, Maintenance Foreman, on December 14. The bear was crossing the Park road from the glades in to Long Pine Key near the campground turn in the road.

500, three month old, Atlantic Green Turtles which had been raised by Dr. and Mrs. Robert Schroeder of Lower Matecumbe Key were released at Cape Sable on December 23. The project of raising hatchlings to a fairly good size before release was undertaken as part of the work of the Caribbean Conservation Corporation under the direction of Dr. Archie Carr. 10 boats carrying 45 very interested folks made up the boat-a-cade cruising from the keys to Cape Sable and included Dr. and Mrs. Carr who came down from Gainesville for the launching. The Park Service was represented by Chief Naturalist Ernst Christensen, Naturalist Gale Zimmer, and Ranger Don Castleberry.

A 10 ft. Manatee was injured by a 30 foot cruiser in Tarpon Creek about December 12. It was swimming around in the Buttonwood Canal for several days, showing signs of distress from a large gash in its back. It was last seen swimming back in to Coot Bay on December 18 and its ultimate fate is not known at this time.

#### Resource Planning

Cooperating Non-Government Agencies: Two collecting permits were issued during the month. At the request of Princeton University George Neusaenger collected a sample of sludge from Taylor Slough on December 30. This sample is to be used in their research on Testaceans.

Requests for a speaker at schools and local clubs are still being received. During December Chief Park Naturalist Christensen, Assistant Chief Park Naturalist Haugen, and Naturalist Ames contacted 1,760 as a result of these requests.

Again this year Assistant Chief Naturalist Haugen helped to judge the various entries in the Dade County Junior High Schools' annual conservation contest. Many of the student's projects revolved around the theme of Everglades National Park and its need for water. It was quite obvious the Corps of Engineers and the FCD had spent considerable time responding to requests from these children just as the staff of the Park had.

#### Cooperating Associations

The annual meeting and fish fry for the members of the Natural History Association was held on December 11. This was their most successful meeting yet. 150

When it began dropping, we all felt some uneasy feeling over a new and an attempt to move westward in the home.

A black bear sighting occurred on November 14, 1964, near the campsite in the road. The bear was about 100 yds. from the campsite and was in the road. The bear was about 100 yds. from the campsite and was in the road. The bear was about 100 yds. from the campsite and was in the road.

50, three months old, Atlantic Coast Lumber which had been owned by  
Dr. and Mrs. Robert Schneider of New Richmond has been released at Cape  
Sable on December 23. The project of releasing Schneider is a fairly good  
one before release was under a plan as the work of the Government  
Conservation Commission under the direction of Dr. Robert C. Marsh, Jr. has  
been very interested in the work of the conservation of the Cape  
Sable and the Cape Sable and the Cape Sable and the Cape Sable and the  
Cape Sable for the island. The fact between was revealed by the  
National Game Warden, National Game Warden, and the Cape Sable  
Conservation.

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samples is to be used in all research on cancer.

collected a sample in which it was found that 80% of the subjects were male.

during the study. It was noted that 75% of the subjects who were female

(generating non-response bias). Two collecting methods were used:

During December 1941, the following information was received from the Bureau of Naval Affairs, Washington, D. C.:

These children live as the staff of the War Relocation Authority. The WRA has been successful in the relocation of Japanese American children and the NCAJ has been successful in the relocation of Japanese American adults. It was a great success for the NCAJ. Many of the children's projects involved raising the money for the National Youth and the Red Cross. It was a great success for the NCAJ. The children's projects involved raising the money for the National Youth and the Red Cross. It was a great success for the NCAJ. The children's projects involved raising the money for the National Youth and the Red Cross. It was a great success for the NCAJ.

CONFIDENTIAL

The annual meeting and study for the members of the National History Institute was held on December 11. This was their last successful meeting before the

members and guests partook of the fish dinner prepared by the Ranger Aids. The Everglades Park Company donated 100 lbs of uncleaned fish for which the Ranger Aids were most grateful. The girls spent a good part of the day cleaning fish in addition to the other necessary preparation. After the meal, Dr. Gilbert Voss gave an excellent talk on the deep sea research in Gulf of Guinea and a general discussion was held on the water situation here in the Park.

RTA

for Ernst T. Christensen

Enclosure

MBGoble:mbg

The investigation of the various aspects of the life of the people of the South Sea Islands is a task of great importance. The people of the South Sea Islands are a people of great interest and importance. The people of the South Sea Islands are a people of great interest and importance. The people of the South Sea Islands are a people of great interest and importance.

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10/10/1975

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Jan. 1, 1966

Memorandum

To: Chief Park Naturalist

From: Park Naturalist, Flamingo

Subject: Monthly Narrative Report for December, 1965

General

The usual crowding of facilities and interpretive activities began about Dec. 21 and continued at an unprecedented pace through the holiday season. The weather was pleasant and the mosquitoes had abated. The usual bird show began at Cobb Bay pond but the food supply was quickly exhausted and there were only a few birds to be seen there most of the month.

Informational and directional signs and markers

Nothing to report

Visitor information and orientation stations

Approximately 1,295 visitors were contacted at the Flamingo information desk.

Status of museum exhibits and collections

Nothing to report.

Wayside exhibits and interpretive signs

Nothing to report.

Self-guiding trails and tours

The placement of the newly constructed interpretive signs along the main park road awaited procurement of pipe and fittings.

Conducted Trips

Bayshore and wilderness walks were exceptionally well attended during the holidays.

Talks and campfire programs

Beginning on Dec. 21 and lasting through the end of the month, hundreds of visitors were turned away each night at evening programs. There will probably be a rash of complaints about the absurd inadequacy of the E.P.C. "auditorium", originally intended as a visitors lounge, for the presentation of interpretive programs. Two programs a night were started after the Timpano Science Study group left on the 28th, but even this was not enough.

Interpretive personnel and training

Naturalist Ames was indoctrinated into the various interpretive programs and procedures at Flamingo after his arrival here Dec. 21.



Audiovisual devices and programs

Nothing to report

Miscellaneous interpretive Activities

Mrazek spent the day with the Science Research Task Force group on Cape Sable and Lake Ingraham on Dec. 5th.

✓ Paige spent several days in the field birding with Senator and Mrs. Holland, for which they were most appreciative. Mrazek accompanied the group to Lake Ingraham on Dec. 12th.

✓ Mrazek took out George Page, NBC News, reporter for the Huntley Brinkley Program to Cape Sable for a possible story on the Park water problem on Dec. 14th.

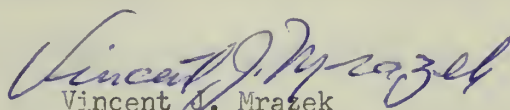
✓ Paige continued with the Culvert Research Study, taking weekly measurements and observations from culverts along the park road.

✓ The East River Rookery began to form late this month. On Dec. 29th there were about 100 pair of wood storks and 40 pairs of common egrets along with 10 pairs of anhingas in the rookery.

A 10 ft. manatee was injured by a 30 ft. cruiser in Tarpon Creek about Dec. 12th. It was swimming around in the Buttonwood Canal for several days, showing signs of distress from a large gash in its back. It was last seen swimming back into Coot Bay on Dec. 18th and its ultimate fate is not known at this time.

✓ Mrazek and Paige presented two special programs to the Science Study Group from New York headed by Doris Timpano while they were here on the 26th and 27th.

✓ Mr. Alfred Bester, a writer for Holiday magazine, visited in the area early this month gathering material for an article on the park water problem.

  
Vincent J. Mrazek  
Park Naturalist

THE UNIVERSITY OF CHICAGO

IN THE DEPARTMENT OF THE HISTORY OF ARTS  
AND ARCHITECTURE

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*[Handwritten signature]*

DECEMBER 1965

KELLY MOTHERS DAUGH

NOT MANY VISITORS DURING EARLY PART OF MONTH  
KEPT INVENTORY OF BIRDS AND ANIMALS ALONG  
LOOP ROAD AND LISTED VARIETIES AS THEY APPEARED  
PHOTOGRAPHED BIRDS AND INSECTS ALONG LOOP ROAD  
AND IN VICINITY OF TOWER

LEARNED TO OPERATE BOTH AIRBOATS, STARTED  
4 DEC. CONTINUED AT TIMES WHEN NO VISITORS WERE  
PRESENT. NOW AVAILABLE FOR EMERGENCIES IF WATER  
IS PRESENT.

ASSISTED IN PROTECTION WORK IN AREA.  
PATROLLED LOOP ROAD ONCE DURING DAY TO HELP  
WITH LAW ENFORCEMENT AND TRAFFIC MANAGEMENT  
RESTOCKED GUIDE BOOKLETS AND COLLECTED MONEY  
ON THIS PATROL. CAUGHT SOME CASES OF ANIMAL  
MOLESTING, SCOOTER TRAVEL ON TRAILS, FISHING IN  
<sup>UNAUTHORIZED COLLECTING</sup> PROHIBITED AREAS, AND 'STORE' AS SHOWN IN DAILY  
LOG SHEET.

ASSISTANCE ON PATROL AND LAW ENFORCEMENT  
WAS REQUESTED BY SUBDISTRICT RANGER BECAUSE  
THERE ARE TIMES WHEN PERSONNEL IS SCARCE  
BECAUSE OF LIEU DAYS, FIRE DUTY, ETC.

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U.S.N.P.S. Everglades Nat'l Park

AUTHOR

Monthly narrative reports of the

TITLE

Chief Park Naturalist--1962-65.

DATE  
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BORROWER'S NAME

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