

## memorandum

DATE: December 13, 1993

REPLY TO  
ATTN OF: Red Wolf Coordinator, FWS, Asheville, NC

SUBJECT: Monthly activity report - November 1993

Regional Director, FWS, Atlanta, GA (ES/TE)  
TO: Attention: Mr. Dave Flemming

Following are my accomplishments and other items of interest for the month of November:

Alligator River National Wildlife Refuge (ARNWR) Reintroduction - A red wolf was killed (mistaken for a coyote); the case is under review because of differences in recommendations from us and from the investigating agent regarding pursuit of the case. I prepared a memo documenting some of our concerns, with copies to the investigating agent, Senior Resident Agent, Alligator River project personnel, and Regional Office personnel.

Southern Appalachians Reintroduction - Red Wolf Management Series Technical Report No. 8, entitled "Experimental Release of Red Wolves into the Great Smoky Mountains National Park," was printed (copy attached). Also, Red Wolf Update 3(2) was printed and distributed (copy attached). Chris Lucash was selected to fill the biologist GS-11 position. One female pup from the Tremont group has dispersed a considerable distance and has not yet settled into an area where trapping is feasible.

Captive-breeding Project - I again reviewed the Red Wolf Bibliography and provided comments, revisions, and additions to the Captive Breeding Coordinator.

General - I spent much of this month (99 hours) on annual leave. The proposed revised rule for the two wild populations was published in the Federal Register on November 24, 1993. I completed a questionnaire for a research paper by a college student. I filled at least five information requests; four involved 17 to 19 documents, and one required only 2 documents. One also required a written response regarding research opportunities.

Following is an update of current locations and numbers of animals:

A. Wild Population

1. ARNWR - One wolf, previously unknown, was shot (mistaken for a coyote). The transmitters malfunctioned on four additional wolves (one adult female and one male and two female pups). The transmitter on one of the female pups actually went off the air in September, but this information was not relayed in previous reports. In addition, four pups observed from the air have never been captured; they are now listed as "unknowns."
2. Great Smoky Mountains National Park (GSMNP) - The litter of pups born to the Cades Cove pair is assumed to have died of disease.

Therefore, the female pup, whose carcass was never found, has been dropped from the population figures.

B. Island Propagation

1. Horn Island, Gulf Islands National Seashore, Mississippi - I received the final report, entitled "Red Wolf Propagation on Horn Island, Mississippi: Red Wolf Ecological Studies."

C. Captive Population

2. Trevor Zoo, Millbrook, NY - One female pup that died in May had not been previously reported.

*V. Gary Henry*

Attachments

cc:

Jerry A. Eubanks, Superintendent, National Park Service, Gulf Islands  
National Seashore, 1801 Gulf Breeze Parkway, Gulf Breeze, FL 32561  
Regional Director, FWS, Atlanta, GA (RD)  
Mr. Will Waddell, Point Defiance Zoo and Aquarium, Tacoma, WA  
Refuge Manager, Alligator River NWR, FWS, Manteo, NC  
Refuge Manager, Cape Romain NWR, FWS, Awendaw, SC  
Refuge Manager, St. Vincent NWR, FWS, Apalachicola, FL  
Mr. Chris Lucash, FWS, c/o Cades Cover Ranger Station, Townsend, TN  
Field Supervisors, FWS, All Ecological Services Field Offices, Southeast  
Region

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LOCATION	ADULTS AND YEARLINGS				PUPS				TOTAL			
	Males	Females	Unknown	Total	Males	Females	Unknown	Total	Males	Females	Unknown	Total
<b>A. WILD POPULATIONS:</b>												
1. Alligator River National Wildlife Refuge (NWR)	12-13	14-17	0-2	26-32	9-10	5-7	0-4	14-21	21-23	19-24	0-6	40-53
2. Great Smoky Mountains National Park (NP)	5	2	---	7	1	1	---	2	6	3	---	9
<b>SUBTOTAL</b>	<b>17-18</b>	<b>16-19</b>	<b>0-2</b>	<b>33-39</b>	<b>10-11</b>	<b>6-8</b>	<b>0-4</b>	<b>16-23</b>	<b>27-29</b>	<b>22-27</b>	<b>0-6</b>	<b>49-62</b>
<b>B. ISLAND PROPAGATION PROJECTS:</b>												
1. Bulls Island, Cape Romain NWR, SC	1	1	---	2	2	1	---	3	3	2	---	5
2. St. Vincent NWR, FL	---	1	---	1	---	---	---	---	---	1	---	1
<b>SUBTOTAL</b>	<b>1</b>	<b>2</b>	<b>---</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>---</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>---</b>	<b>6</b>
<b>C. CAPTIVE PROPAGATION FACILITIES:</b>												
1. Graham, WA	16	24	---	40	5	6	---	11	21	30	---	51
2. Sandy Ridge, Alligator River NWR, NC	7	10	---	17	---	---	---	---	7	10	---	17
3. Great Smoky Mountains NP	2	2	---	4	---	---	---	---	2	2	---	4
4. Point Defiance Zoo, Tacoma, WA	3	2	---	5	---	---	---	---	3	2	---	5
5. Alexandria Zoo, Alexandria, LA	1	1	---	2	---	---	---	---	1	1	---	2
6. Audubon Zoo, New Orleans, LA	1	1	---	2	---	---	---	---	1	1	---	2
7. Beardsley Zoo, Bridgeport, CT	1	1	---	2	---	---	---	---	1	1	---	2
8. Burnet Park Zoo, Syracuse, NY	1	1	---	2	---	---	---	---	1	1	---	2
9. Chaffee Zoo, Fresno, CA	2	1	---	3	---	---	---	---	2	1	---	3
10. Fossil Rim Wildlife Center, Glen Rose, TX	4	6	---	10	---	---	---	---	4	6	---	10
11. Great Plains Zoo, Sioux Falls, SD	1	1	---	2	---	---	---	---	1	1	---	2
12. Greater Baton Rouge Zoo, Baker, LA	1	2	---	3	---	---	---	---	1	2	---	3

LOCATION	ADULTS AND YEARLINGS				PUPS				TOTAL			
	Males	Females	Unknown	Total	Males	Females	Unknown	Total	Males	Females	Unknown	Total
13. Henson Robinson Zoo, Springfield, IL	1	1	---	2	---	---	---	---	1	1	---	2
14. Knoxville Zoo, Knoxville, TN	1	1	---	2	3	1	---	4	4	2	---	6
15. Los Angeles Zoo, Los Angeles, CA	1	1	---	2	---	---	---	---	1	1	---	2
16. Lowry Park Zoo, Tampa, FL	1	1	---	2	1	1	---	2	2	2	---	4
17. Miller Park Zoo, Bloomington, IL	1	1	---	2	---	---	---	---	1	1	---	2
18. Mill Mountain Zoo, Roanoke, VA	1	1	---	2	---	---	---	---	1	1	---	2
19. National Zoo, Washington, DC	1	1	---	2	1	3	---	4	2	4	---	6
20. North Carolina Life and Science Museum, Durham, NC	1	1	---	2	3	4	---	7	4	5	---	9
21. Oglebay Zoo, Wheeling, WV	---	4	---	4	---	---	---	---	---	4	---	4
22. Pittsburgh Zoo, Pittsburgh, PA	1	1	---	2	3	2	---	5	4	3	---	7
23. Roger Williams Zoo, Providence, RI	1	1	---	2	---	1	---	1	1	2	---	3
24. Ross Park Zoo, Binghamton, NY	1	1	---	2	---	---	---	---	1	1	---	2
25. Tallahassee Jr. Museum, Tallahassee, FL	1	1	---	2	---	---	---	---	1	1	---	2
26. Texas Zoo, Victoria, TX	1	1	---	2	---	---	---	---	1	1	---	2
27. Trevor Zoo, Millbrook, NY	1	1	---	2	1	2	---	4	2	4	---	6
28. Western North Carolina Nature Center, Asheville, NC	1	1	---	2	---	---	---	---	1	1	---	2
29. Wilds, Columbus, OH	7	4	---	11	---	---	---	---	7	4	---	11
30. Wild Canid Survival and Research Center, Eureka, MO	1	1	---	2	---	---	---	---	1	1	---	2
31. Woodlands Nature Center, Land Between the Lakes, Golden Pond, KY	1	1	---	2	2	2	---	4	3	3	---	6
<b>SUBTOTAL</b>	<b>64</b>	<b>77</b>	<b>---</b>	<b>141</b>	<b>19</b>	<b>22</b>	<b>---</b>	<b>41</b>	<b>83</b>	<b>99</b>	<b>---</b>	<b>182</b>
<b>TOTAL</b>	<b>82-83</b>	<b>95-98</b>	<b>0-2</b>	<b>177-183</b>	<b>31-32</b>	<b>29-31</b>	<b>0-4</b>	<b>60-67</b>	<b>113-115</b>	<b>124-129</b>	<b>0-6</b>	<b>237-250</b>