

UNITED STATES GOVERNMENT
FILE
memorandum

DATE: June 9, 1994

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

SUBJECT: Monthly activity report - May 1994

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

Following are my accomplishments and other items of interest for the month of May 1994.

Alligator River National Wildlife Refuge (ARNWR) Reintroduction - I sent a letter to the National Fish and Wildlife Foundation requesting a \$640 disbursement from the Red Wolf Fund as a stipend for an intern from May through August. This letter also repeated my requests for information as to the current status of the Red Wolf Fund and directions for application for an additional grant.

Southern Appalachians Reintroduction, Great Smoky Mountains National Park (GSMNP) - I prepared a letter to the Great Smoky Mountains Natural History Association authorizing payment of \$3,240 for the loss of nine calves in April and forwarded the letter to the Great Smoky Mountains National Park for co-signature. This payment, as well as payment for losses of three calves earlier this year, was made to the livestock owner this month. Following the recapture of all of the wolves in the wild, we had a meeting to discuss future plans. An outline of possible options was prepared for discussion at the meeting. A decision was made to pursue a combination of several of the options, to include changes in the cattle management operation, the release of a family group in the interior of the Park, and increased efforts to secure an agreement to allow wolves to inhabit national forest lands. I provided input to the Regional Office on a briefing paper that was being prepared regarding this situation. I also reviewed and provided comments to the Park on a draft of a new "Update."

Captive-breeding Project - We had a meeting at "The Wilds" facility in Ohio to discuss their \$125,000 appropriation. Agreement was reached to utilize up to \$105,000 of this appropriation for funding high-priority recovery needs at other locations. I sent a letter to the Wilds documenting the discussion results and procedures to be followed in implementation. I sent a letter to the Point Defiance Zoo & Aquarium authorizing the expenditure of funds for hosting a meeting with Dr. Bob Wayne to discuss the results of his nuclear DNA work and pay for his travel expenses.

General - I sent a memo to the Regional Office detailing problems regarding completion of the final rule to revise the current rule for the two experimental populations. The problems concern wolves on private lands and inconsistencies in the rule and current and past management. I

proposed revisions that would remove most of the inconsistencies but which would likely not be considered a major change from the proposed rule. I sent a memo requesting a decision on what to incorporate into the final rule and advised the Region that my proposed solution would be incorporated into the final rule unless they advised me otherwise.

I attended a meeting in Tacoma, Washington, to be briefed and to discuss the results of nuclear DNA work conducted by Dr. Bob Wayne. No unique alleles were found in red wolves, which is evidence that the animal may be a subspecies of the gray wolf. However, Dr. Wayne seems to favor a hybrid origin for the red wolf. Hybrid origin is not supported by other data; i.e., socialization, behavior, food habits, ecology, brain morphology, paleontology, etc.

I completed a questionnaire regarding the red wolf for a high school student's project. I sent a slide/talk program (encompassing 80 slides and a talk outline) to Don Wood of the Florida Game and Fresh Water Fish Commission for his use. I fulfilled three information requests by providing 19 documents for each request. A Red Wolf Bibliography has been printed as Red Wolf Management Series Technical Report No. 10 (copy attached).

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

A. Wild Population

1. ARNWR - The adult female that whelped 5 pups last month was killed by a vehicle and the pups could not be found; they are presumed dead. A litter of 3 pups was observed from the air. These changes bring the population to 42 to 56 (23 to 25 males, 19 to 25 females, 0 to 6 unknown) including 42 to 53 adults and yearlings (23 to 25 males, 19 to 25 females, 0 to 3 unknown) and 0 to 3 unknown pups.

B. Captive Propagation

1. GSMNP - A third litter of 4 males and 1 female was born this month. Two pups (1 male, 1 female) from the litter of 8 pups were fostered into the litter of 3 pups reported last month. One male in the litter of 8, one female in the litter of 3, and one male in the litter of 5 died this month. As a result of the deaths and fostering, the litters are now composed of 5 (2 males, 3 females), 4 (2 of each sex), and 4 (3 males, 1 female). The litter born this month was possibly sired by a coyote and will be raised to adulthood for evaluation. These changes result in a total of 23 wolves (13 males, 10 females) including 10 adults and yearlings (6 males, 4 females) and 13 pups (7 males, 6 females).
2. Fossil Rim Wildlife Center, Glen Rose, Texas - A litter of 5 (3 males, 2 females) was born. Including the 7 adults and yearlings (3 males, 4 females), this brings the total at this facility to 12 animals (6 males, 6 females).

3. Miller Park Zoo, Bloomington, Illinois - A litter of 5 pups (3 males, 2 females) was born to the adult pair, bringing the total at this facility to 7 wolves (4 males, 3 females).
4. Mill Mountain Zoo, Roanoke, Virginia - A litter of 5 pups (3 males, 2 females) was born to the adult pair, bringing the total at this facility to 7 wolves (4 males, 3 females).

V. Gary Henry

Attachment

cc:

Mr. Don Wood, Endangered Species Coordinator, Florida Game and Fresh Water Fish Commission, Tallahassee, FL

Mr. Jerry Eubanks, Superintendent, Gulf Islands National Seashore, Gulf Breeze, FL

Regional Director, FWS, Atlanta, GA (RD)

Regional Director, FWS, Atlanta, GA (APA)

Mr. Will Waddell, Point Defiance Zoo and Aquarium, Tacoma, WA

Refuge Manager, St. Vincent NWR, FWS, Apalachicola, FL

Refuge Manager, Alligator River NWR, FWS, Manteo, NC

Refuge Manager, Cape Romain NWR, FWS, Awendaw, SC

Mr. Tom Bennett, Senior Resident Agent, Law Enforcement, FWS, Raleigh, NC

Mr. Jack Baker, Special Agent, Law Enforcement, FWS, Washington, NC

Mr. Mike Elkins, Special Agent, Law Enforcement, FWS, Nashville, TN

Mr. Chris Lucash, FWS, c/o Cades Cove Ranger Station, Townsend, TN

Endangered Species Coordinators, Southeast Region

Field Supervisors, All Ecological Services Field Offices, Southeast Region

"Being Safe - Never Hurt Anyone!"

LOCATION	ADULTS AND YEARLINGS				PUPS				TOTAL			
	Males	Females	Unknown	Total	Males	Females	Unknown	Total	Males	Females	Unknown	Total
A. WILD POPULATIONS:												
1. Alligator River National Wildlife Refuge (NWR)	23-25	19-25	0-3	42-53	---	---	0-3	0-3	23-25	19-25	0-6	42-56
2. Great Smoky Mountains National Park (NP)	---	---	---	---	---	---	---	---	---	---	---	---
SUBTOTAL	23-25	19-25	0-3	42-53	0	0	0-3	0-3	23-25	19-25	0-6	42-56
B. ISLAND PROPAGATION PROJECTS:												
1. Bulls Island, Cape Romain NWR, SC	3	2	---	5	---	---	---	---	3	2	---	5
2. St. Vincent NWR, FL	1	1	---	2	---	---	---	---	1	1	---	2
3. Horn Island, Gulf Islands National Seashore, MS	1	---	---	1	---	---	---	---	1	---	---	1
SUBTOTAL	5	3	---	8	---	---	---	---	5	3	---	8
C. CAPTIVE PROPAGATION FACILITIES:												
1. Graham, WA	22	27	---	49	2	3	---	5	24	30	---	54
2. Sandy Ridge, Alligator River NWR, NC	6	11	---	17	1	1	---	2	7	12	---	19
3. Great Smoky Mountains NP	6	4	---	10	7	6	---	13	13	10	---	23
4. Point Defiance Zoo, Tacoma, WA	4	5	---	9	---	---	---	---	4	5	---	9
5. Alexandria Zoo, LA	1	1	---	2	---	---	---	---	1	1	---	2
6. Audubon Zoo, New Orleans, LA	3	3	---	6	---	---	---	---	3	3	---	6
7. Beardsley Zoo, Bridgeport, CT	1	1	---	2	3	3	---	6	4	4	---	8
8. Burnet Park Zoo, Syracuse, NY	1	1	---	2	---	---	---	---	1	1	---	2
9. Chaffee Zoo, Fresno, CA	2	1	---	3	---	---	---	---	2	1	---	3
10. Fort Worth Zoo, TX	1	1	---	2	---	---	---	---	1	1	---	2
11. Fossil Rim Wildlife Center, Glen Rose, TX	3	4	---	7	3	2	---	5	6	6	---	12
12. Great Plains Zoo, Sioux Falls, SD	1	1	---	2	---	---	---	---	1	1	---	2

LOCATION	ADULTS AND YEARLINGS				PUPS				TOTAL			
	Males	Females	Unknown	Total	Males	Females	Unknown	Total	Males	Females	Unknown	Total
13. Greater Baton Rouge Zoo, Baker, LA	1	2	---	3	---	---	---	---	1	2	---	3
14. Henson Robinson Zoo, Springfield, IL	1	1	---	2	---	---	---	---	1	1	---	2
15. Knoxville Zoo, TN	3	1	---	4	---	---	---	---	3	1	---	4
16. Los Angeles Zoo, CA	1	1	---	2	---	---	---	---	1	1	---	2
17. Lowry Park Zoo, Tampa, FL	2	1	---	3	---	---	---	---	2	1	---	3
18. Miller Park Zoo, Bloomington, IL	1	1	---	2	3	2	---	5	4	3	---	7
19. Mill Mountain Zoo, Roanoke, VA	1	1	---	2	3	2	---	5	4	3	---	7
20. National Zoo, Washington, DC	1	1	---	2	---	---	---	---	1	1	---	2
21. North Carolina Life and Science Museum, Durham, NC	1	---	---	1	---	---	---	---	1	---	---	1
22. Oglebay Zoo, Wheeling, WV	1	1	---	2	---	---	---	---	1	1	---	2
23. Pittsburgh Zoo, PA	3	3	---	6	---	---	---	---	3	3	---	6
24. Roger Williams Zoo, Providence, RI	---	2	---	2	---	---	---	---	---	2	---	2
25. Ross Park Zoo, Binghamton, NY	1	1	---	2	---	---	---	---	1	1	---	2
26. Tallahassee Jr. Museum, FL	1	2	---	3	---	---	---	---	1	2	---	3
27. Texas Zoo, Victoria, TX	1	1	---	2	---	---	---	---	1	1	---	2
28. Trevor Zoo, Millbrook, NY	1	3	---	4	---	---	---	---	1	3	---	4
29. Western North Carolina Nature Center, Asheville, NC	1	1	---	2	---	---	---	---	1	1	---	2
30. Wilds, Columbus, OH	6	7	---	13	---	---	---	---	6	7	---	13
31. Wild Canid Survival and Research Center, Eureka, MO	6	3	---	9	---	---	---	---	6	3	---	9
32. Woodlands Nature Center, Land Between the Lakes, Golden Pond, KY	1	1	---	2	---	---	---	---	1	1	---	2
SUBTOTAL	85	94	---	179	22	19	---	41	107	113	---	220
TOTAL	113-115	116-122	0-3	229-240	22	19	0-3	41-44	135-137	135-141	0-6	270-284