

**USFWS Quarterly Report for RWC  
April 1, 2003 – June 30, 2003**

Number of collared wolves	64
Number of collared hybrids/sterile hybrids	15 (this includes coyotes)
<b>Changes in wolf population:</b>	
1. Births	39 confirmed to date for '03
2. Deaths	5
3. First-time captures – adults/pups	0
4. Releases from captivity	0
5. Management removals (problem animals)	0
6. Fate unknown/disappearance	2 (lost contact with two breeding females, one in Zone 1, one in Zone 2, but in each case the radio collar had been transmitting for nearly 4 years and probably quit due to battery life)
<b>Number of captive wolves:</b>	
1. Zoos & Captive Facilities	159
2. Islands	3 (one pair on St.Vincent and one male on Cape Romain)
3. <i>Sandy Ridge:</i>	
a. Number slated for release	0
b. Number of hybrids	1
c. History	<u>Hybrid</u> : a male sterilized and held pending set-up of satellite collar
d. Number of captive wolves	7
e. Number slated for breeding	4
Number of wolf packs & pairs	20 known or suspected: 8 in Zone 1 7 in Zone 2 5 in Zone 3
Dispersal/displacement/wide ranging movements (wolf)	We may be seeing two groups broken up by neighboring packs: One pack in Zone 1 where the breeding female has died from intraspecific aggression (killed by another wolf) and the remaining adult males have shown movements outside their home range, and one pair in Zone 2 where the breeding female is over 12 years old
Dispersal/displacement/wide ranging movements (non-wolf)	--
Aerial or ground visuals	<p>During a telemetry flight, two lab-sized dogs were observed foraging very close to a known wolf den on PLNWR, moving quickly from one bush to another as if looking for something. The alpha male was then seen running into the area, finding both dogs and nipping at them from behind. This continued for over 15 minutes, with the dogs often turning to face the wolf which would hold its ground with hackles raised. Eventually the dogs were pushed out of the area and the wolf returned to the den site.</p> <p>During early morning field work, one of the program biologists was working off the road when he heard some noise coming from a nearby canal. He watched as a fawn ran through the brush less than 30 yards away, chased by both alpha adult wolves from another pack on PLNWR. The fawn was noticeably quicker and both wolves gave up the chase a few seconds later, walking off a short distance and laying down for much of the day.</p>
Quarterly status statement on Adaptive Mgmt. Plan	The red wolf adaptive management plan is still undergoing revision and review.
Additional management decisions	A hybrid animal has been fitted with an experimental satellite GPS collar. In addition to the GPS collar, the hybrid also carries an abdominal transmitter for backup purposes.

<b>Outreach activities:</b>	
1. Events/presentations including # of attendees	4-22-03 Earth Day (60) 5-28-03 Middle School Talk (15) 6-17-03 Dare County 4-H: Talk (30) 6-18-03 Howling (88 registered, 55 show) 6-20-03 Modeling Faculty, PLNWR: PP Pres. (15) 6-25-03 Howling (119 registered, 90 show) 7-9-03 Howling (51 registered, 45 show) 7-16-03 Howling (108 registered, 75 show)
2. Articles or other media for the quarter	6-6-03 Fayetteville Observer "Cartoon Creature Creates a Very Real Home in NC" by Nomee Landis (article mostly about coyotes) 7-6-03 Charlotte Observer "Wolves on the Westward Prowl" by Jack Horan July/August 2003 National Geographic Kids Magazine- short "blurb" about red wolves July 2003 Rip Current "Restoring the Red Wolf Song to North Carolina" by Sarah Krueger
3. Research projects/papers/findings	PhD candidate Jennifer Adams of the University of Idaho is working to complete the following objectives during her three-year study: 1) modify existing non-invasive genetic tests to use nuclear DNA instead of mitochondrial DNA 2) improve statistical genetic tests by including data from the 14 founding red wolves 3) combine data from non-invasive genetic tests with GIS data to detect home range and habitat usage
4. Photos/film of captures or other activities	National Geographic Explorer program airdate scheduled August 3 <sup>rd</sup> , 7 p.m. on MSNBC.