

## Appendix I

### FORESTS AND GRASSLANDS MANAGEMENT INDICATORS

Vegetation Groups	Management Indicator	Units	1996 Status	Short Term Objective	1999 Status
Longleaf Pine Woodlands & Savannas	Red-cockaded Woodpecker	Active Clusters	25	200	267 <sup>1</sup>
	Slender Gay Feather	Populations	9	15	100
	Incised Groove Burr	Populations	4	20	21
	Scarlet Catchfly	Populations	2	5	2
	Longleaf-Bluestem Series	Acres	21,000	40,000	25,114
Longleaf Pine Barrens <sup>2</sup>	Navasota Ladies Tress	Populations	1	2	0 <sup>3</sup>
	Little Bluestem-Rayless Goldenrod Series	Acres	440	475	440 <sup>4</sup>

<sup>1</sup> This is the total number of active clusters on the NFGT, and includes all vegetation groups.

<sup>2</sup> Inclusional community or habitat groups within the Longleaf Pine Woodlands.

<sup>3</sup> Not found in most recent survey.

<sup>4</sup> There has been a small, but undetermined acreage increase since 1996.

**Appendix I (Continued)**

**FORESTS AND GRASSLANDS MANAGEMENT INDICATORS**

<b>Vegetation Groups</b>	<b>Management Indicator</b>	<b>Units</b>	<b>1996 Status</b>	<b>Short Term Objective</b>	<b>1999 Status</b>
Herbaceous Wetlands <sup>5</sup>	Yellow Fringeless Orchid	Populations	1	5	2 <sup>6</sup>
	Spagnum-Breakrush Series	Acres	150	200	150 <sup>7</sup>
Bay-Shrub Wetlands <sup>8</sup>	Nodding Nixie	Populations	7	20	24-30
	Texas Bartonian	Populations	1	5	2
	Sweetbay-Magnolia Series	Acres	250	300	502
Dry-Xeric Oak-Pine Forests	Red-cockaded Woodpecker	Active Clusters	75	300	----- <sup>9</sup>
	Louisiana Squarehead	Populations	5	10	20
	Shortleaf-Oak Forest	Acres	150,000	160,000	157,173
Mesic Oak-Pine Forests	Red-cockaded Woodpecker	Active Clusters	130	350	----- <sup>10</sup>
	Loblolly-Oak Forest	Acres	300,000	270,000	350,636

<sup>5</sup> Inclusional community or habitat groups within the Longleaf Pine Woodlands.

<sup>6</sup> 1998 survey results.

<sup>7</sup> A few small isolated sites have been located recently, but acreages have not been determined.

<sup>8</sup> Same as 5 above.

<sup>9</sup> The total number of active RCW clusters is reported under Longleaf Pine Woodlands & Savannas for all vegetation groups.

<sup>10</sup> Same as 9 above.

**Appendix I (Continued)**

**FORESTS AND GRASSLANDS MANAGEMENT INDICATORS**

<b>Vegetation Groups</b>	<b>Management Indicator</b>	<b>Units</b>	<b>1996 Status</b>	<b>Short Term Objective</b>	<b>1999 Status</b>
Mesic Hardwood Forests	Southern Ladyslipper	Occurrence	Unknown	Establish Base	Established baseline of 9 populations
	Beech-White Oak Series	Acres	2,532	3,000	2,532
Tallgrass Prairie	Bobwhite Quail	Population Density	1/25 acres	1/20 acres	
		% Frequency/No.			6.4/30
	Little Bluestem-Indiangrass	Acres	15,000	20,000	15,000
Bottomland Streamsides	Neotropical Migrants <sup>11</sup>	Occurrence	Unknown	Establish Base	1,883 per area
	Neches River Rose Mallow	Populations	1	3	1 <sup>12</sup>
	Bottomland Hardwood	Acres	25,000	50,000	32,104

<sup>11</sup> Neotropical migratory bird guild includes Yellow-throated Vireo, Wood Thrush, Acadian Flycatcher, and others.

<sup>12</sup> One population has been confirmed. See discussion of this species in the body of the report for further details.

**APPENDIX I**  
MANAGEMENT INDICATORS COMMON TO ALL AREAS

Habitat	Management Indicator	Units	1996 Status	Short Term Objective	1999 Status
Forest/Grassland	Eastern Wild Turkey	Acres of Habitat	395,000	372,000	
		Sightings			82 <sup>1</sup>
	Whitetail Deer	Acres of Habitat	315,000	300,000	
		Number Harvested			1,566
		% Browse Consumed			35%
	Yellow Breasted chat	Acres of Habitat	174,000	140,000	
	Snags	Number Per Acre	2-8 <sup>2</sup>	2-3 <sup>3</sup>	
		% Frequency/Number			30.6/244
	Pileated Woodpecker	Acres of Habitat	280,000	372,000	
		% Frequency/Number			28.6/127

<sup>1</sup> 1998 survey results.

<sup>2</sup> The 1996 status and short-term objective for snags varied with seral stage; the numbers reported here reflect the overall range for all seral stages.

<sup>3</sup> Same as 2 above.

**Appendix I (Continued)**

MANAGEMENT INDICATORS COMMON TO ALL AREAS

Habitat	Management Indicator	Units	1996 Status	Short Term Objective	1999 Status
Forest/Grassland (cont.)	Gay/Fox Squirrel	Acres of Habitat	200,000	264,000	
		Number Harvested			9,264
		Number Per Acre (Bottomland/Upland Forest)			0.51/0.16
Aquatic Ponds and Reservoirs	Largemouth Bass	Catch/Unit Effort	24-81	40-90	12-93 <sup>4</sup>
	Sunfish (RE & BG)	Catch/Unit Effort	12-250	40-250	24-446 <sup>5</sup>
	Channel Catfish	Catch/Unit Effort	2-22	10-20	9-11 <sup>6</sup>

<sup>4</sup> 1998 survey ranges for four locations.

<sup>5</sup> Same as 4 above.

<sup>6</sup> 1997 survey ranges for two locations.

**Appendix I (Continued)**

**MANAGEMENT INDICATORS COMMON TO ALL AREAS**

<b>Habitat</b>	<b>Management Indicator</b>	<b>Units</b>	<b>1996 Status</b>	<b>Short Term Objective</b>	<b>1999 Status</b>
Aquatic Rivers & Streams	Paddlefish	Occurrence	0	6 + Reprod. Adults	0 <sup>7</sup>
	Sabine Shiner	Number of Streams	4	10	1 <sup>8</sup>
	Dusky Darter	Occurrence/Slow	16	25-30	47 <sup>9</sup>
	Scaly Sand Darter	Occurrence/Swift	5	8-12	9 <sup>10</sup>
	Stonefly Guild	Occurrence/Score	Fair-Good	Good-Excellent	Fair

<sup>7</sup> Breeding adults absent; only fingerlings present.

<sup>8</sup> 1998 survey results.

<sup>9</sup> Four new locations found in 1997.

<sup>10</sup> 1998 survey indicated three populations may have been lost.