

APPENDIX E

Wildlife and Listed Species Data

Table 1. Lake Wales Forest Wildlife Observations in Upland Areas												
Season	Winter			Spring			Summer			Fall		
Year	01	02	03	01	02	03	01	02	03	01	02	03
WADING-SHOREBIRDS												
Cattle egret	U	U	A	O			O	O	O			
Common snipe	O	O		O						O	O	O
Florida sandhill crane	U	U	U	O	O	U	O	U	U	U	O	U
Great blue heron					U						O	O
Great egret					U	O			O			O
Green heron			O					U				
Killdeer	A	A	A	A	C	U	U	O	O	A	C	U
Little blue heron			U						O			
Tricolored heron										O	O	
White ibis			U									O
Wood stork					O							
Yellow-crowned night heron						O						
WATERFOWL												
American anhinga						O						
RAPTORS												
American kestrel	U	O	U	U	U	O		O		O	O	U
American swallow-tailed kite					U	U	O		O			
Audubon's crested caracara					R							
Bald eagle	U	U	O	O	U	O	O	O	O	O	O	O
Barred owl								R				
Northern harrier			O							O	O	
Osprey			U		U	O	U	U	O	U	U	O
Red-shouldered hawk	C	C	C	C			C	C	C	C	C	U
Red-tailed hawk									O			O
OTHER BIRDS												
American crow	U	U	U	U	U	O	U	U	U	U	U	U
American goldfinch			R									
American robin	O	O	O									
Belted kingfisher	O	U	U	U	O		U	U		U	U	
Black and white warbler			R									
Black vulture			O			O		O	O			O
Blue jay	U	U	C	U	U	U	O	O	O	U	U	U
Blue-gray gnat catcher	C	C	C	U	U	U	U	O	O	U	U	
Boat-tailed grackle		O	O	U		O	U	O		U	U	O
Bobwhite		O	O	U		C	U	O	C	U	U	U
Carolina Wren												O
Chimney swift						O						
Chuck's-will-widow					O							
Common grackle	O	O	O	O	O	O	O	O	O	O		
Common ground dove	O	U	U	O		C	O	O	U	O	U	U
Common nighthawk						O						
Common yellowthroat			R			O						O
Downy woodpecker	O	O	O	O	O	O	O			O		O
Eastern bluebird					O	O			O			
Eastern kingbird					O	O						
Eastern meadowlark	O	O	C	C	U	A	C	U	U	C	C	C

Eastern phoebe			C	O						U	U	U
----------------	--	--	---	---	--	--	--	--	--	---	---	---

Table 1. Continued

Season	Winter			Spring			Summer			Fall		
	Year	01	02	03	01	02	03	01	02	03	01	02
Eastern towhee			O						O			
European starling			U									
Fish crow					O	O		O				
Gray catbird	U	U				O					O	
Great crested flycatcher			O	O	O	O			U	O		
Loggerhead shrike			C	U	C	C	U	U	U	U	U	O
Magnolia warbler					R							
Mourning dove	C	C	A	U	U	C	U	A	A	U	C	C
Northern cardinal			U	O	U	O	O	O	O	O	O	O
Northern flicker			O		O	O						
Northern mockingbird	U	U	C	U	U	C	U	C	C	U	U	U
Northern parula					O	U						
Oven bird	O	O										
Palm warbler			A	U			O	U		O	U	U
Pileated woodpecker	O	O	U						U	O		O
Pine warbler	U	U	O	U		O				O		
Prairie warbler			O									
Red-bellied woodpecker	U	U	U	O	U	U	O	O	O	O	O	O
Red-winged blackbird			U	O	U	U			O			O
Savannah sparrow			O			O						
Swamp sparrow			O									
Tree swallow	A	A	C		C	U				U		
Tufted titmouse	U	U	O			O		O	O		O	
Turkey vulture	U	U	C	C		U	U	U	U	U	U	U
Yellow-bellied sapsucker						O						O
Yellow-rumped warbler	U	U	U									
Yellow-throated warbler	U	U	O									
White-eyed vireo	O	O	O			O			C			O
Wild turkey	C	C	C		C	C		C	C	U	C	C
Bird Species Richness	30	32	50	28	33	43	24	29	32	32	29	33
AMPHIBIANS/REPTILES												
American alligator						O		O	O			
Barking treefrog					O				O			
Brown anole		O	O		O	O			O		O	O
Bull frog	O			O			O	R		C		
Common mud turtle	O	O									O	
Eastern diamondback	O	O			O							
Eastern Indigo Snake												R
Eastern narrow-mouth toad	U	C	U	U	A		U	O	O	U	U	O
Eastern spadefoot toad	U	C		U	A		U	U	U	U	U	
Five-lined skink					O		U	O	O	U	O	O
Florida box turtle						O						
Florida brown snake										R		
Florida cricket frog	O	O	U		C		O	O	O	U	U	O

Florida scrub lizard	C	C	C		C	C	U	U	C	U	C	C
----------------------	---	---	---	--	---	---	---	---	---	---	---	---

Table 1. Continued

Season	Winter			Spring			Summer			Fall			
	Year	01	02	03	01	02	03	01	02	03	01	02	03
Florida water snake			O									O	
Garter snake											O	U	
Gopher tortoise				U		U	U	U	U	U	C	U	U
Green anole	U	U	U	U	U					O		U	O
Greenhouse tree frog		U											
Green treefrog							C	O	O				O
Ground skink			U	U	U		U	O	O			O	O
Island glass lizard										O			O
Southern leopard frog		U	U		U			O	O			O	O
Mediterranean gecko		R											
Oak toad		C	C	U	U	U	U	C	C	C	C	U	O
Pig frog			O		O	O		O	O				
Pinewoods treefrog					O	O				U		U	O
Peninsula cooter			O										
Peninsula ribbon snake			O										
Sand skink	U	U	U		U	U	O	O	O	R	U	U	U
Six-lined race runner	U	U	U	O	U	U	U	U	C	U	U	U	U
Southern black racer				C	O	O	C	U	O	C	O	O	O
Southern hognose snake					U								
Southern toad		C	C	C	A	C	C	C	C	C	U	U	U
Squirrel treefrog		U	U		U	O			O			O	O
Yellow rat snake								R					O
Herp Species Richness	10	16	15	10	20	12	14	18	20	15	21	20	
MAMMALS													
Armadillo			U			U	U	U	U			O	O
Bobcat	O	O			O	O			U			O	O
Cotton mouse					O							O	
Eastern mole	O	O				O			O				O
Feral hog			U			U			O			U	O
Old field mouse/Florida mouse	U	U	U	O	U	U	O	O	O	U	U	U	U
Sherman's fox squirrel	U	U	U	O	O		O	O		O			O
Gray fox	U	U	U					O					O
Gray squirrel	U	U	U		O	O		O	O			U	U
Marsh rabbit					U								
Raccoon	U	U	C	C	U	U	C	U	U	C	C	C	C
White-tailed deer	U	U	C	U	C	C	U	C	C	U	C	C	C
Mammal Species Richness	8	8	8	4	8	8	5	7	8	4	8	10	
Total Species Richness	48	56	73	42	61	63	43	54	60	51	58	63	

Table 1. Continued

Season	Winter			Spring			Summer			Fall		
Year	01	02	03	01	02	03	01	02	03	01	02	03
Waterfowl Species Richness												
Total Species Richness												

A-Abundant, a species likely to be seen in high numbers.
 C-Common, a few are likely to be seen.
 U-Uncommon, present but not likely to be seen.
 O-Occasional, seen only occasionally during a season.
 R-Rare, present but not seen every year.

Winter-December through February
 Spring-March through May
 Summer-June through August
 Fall-September through November

Table 2. Lake Wales Forest Wildlife Observations in Wetland Areas

Season	Winter*			Spring			Summer			Fall		
Year	01	02	03	01	02	03	01	02	03	01	02	03
WADING-SHOREBIRDS												
American bittern			O									O
Black-crowned night heron						O						
Black-necked stilt						U		R				
Cattle egret			A	O			U	C		U	O	
Common snipe	C	C	C	U	O					C	U	U
Florida sandhill crane	U	U	U	U	U	U	O	U	U	U	O	O
Glossy ibis	U	U	U							U	U	
Great blue heron	U	U	C	U	O	U	O	U	U	U	U	U
Great egret	C	C	C	U	C	C	U	C	C	U	U	U
Greater Yellowlegs	A	A	C	U			O			U		O
Green heron			U			O		U	U	O	O	O
Killdeer	A	A	C	A			U	O		A	O	
Least sandpiper				O						O		
Little blue heron			C	U		C	U	C	C	O	U	U
Snowy egret			U		U	O		C	U			O
Sora rail			P			P						O
Spotted sandpiper					O							
Tricolored heron	U	U	U	O			O	O	O	O		
White ibis	U	U	C	U	U	U		A	U	U	U	C
Wood stork			O		U				O	U		
Yellow-crowned night heron						O		O				
WATERFOWL												
American anhinga						C		O				U
Blue-winged teal									U	U	U	
Common moorhen			U			U		U	U			O
Mottled duck			U		O	O		C	O	U	U	O
Wood duck								O				
Pied-billed grebe			O			O			O			O

Table 2. Continued

Season	Winter*			Spring			Summer			Fall		
Year	01	02	03	01	02	03	01	02	03	01	02	03
RAPTORS												
American kestrel	C	C	C	O	U	O				O	O	U
American swallow-tailed kite					U	O	O	U	O			
Bald eagle	U	U		O	U	O	O	U	O	O	O	O
Merlin	O	O										
Northern harrier	U	U	U		U	O				O	O	O
Osprey			U	U	U	U	U	C	U	U	U	O
Red-shouldered hawk	C	C	C	C	C	C	C	C	C	C	C	U
Red-tailed hawk			O						O			
OTHER BIRDS												
American crow	C	C	C	U	U	U	O	C	C	O	O	O
American robin	O	O				O						
Belted kingfisher	C	C	C	U	O	O	U	U	O	U	O	O
Black vulture					C	U		O	O			O
Black and White Warbler												O
Blue jay	O	O	U	O	U	U	O		O	U		O
Blue-gray gnat catcher	C	C	C	O			U		O	U		O
Boat-tailed grackle	U	U	U	O	O	U	U	U	O	O	O	O
Bobwhite			U	U	U	C	U	U	U	U	O	O
Bobolink					U							
Brown thrasher	U	U	O					O				
Carolina wren						O			O			O
Common grackle	U	U	U	O	O	U	O		O	O		
Common ground dove	O	O	U	O	O	O	O	U	U	O	O	
Common yellowthroat	U	U	U			U				O	O	O
Downy woodpecker				O	O		O			O		O
Eastern kingbird						O						
Eastern meadowlark	A	A	C	C	A	A	C	U	U	C	U	U
Eastern phoebe	O	O	O	O						U		U
European starling								O	O			
Gray catbird			U								O	O
Great-crested flycatcher			U	O	O				O	O		
House wren						O						O
Loggerhead shrike	U	U	U	U	C	U	U	U	U	U	U	O
Mourning dove	C	C	C	U	U	U	U	U	C	U	U	C
Northern cardinal	U	U	U	O	O	O	O	O	O	O	O	O
Northern mockingbird	C	C	C	O	U	U	U	U	C	U	U	U
Northern Parula						O						O
Palm warbler	U	U	C	U	U	O	O	U		O	U	C
Pileated woodpecker	O	O	O					O	O			O
Pine warbler	O	O	U	O	O					O		
Red-bellied woodpecker	O	O	U	O	O	O	O	O	O	O		O
Red-winged blackbird	U	U	U	O	C	A		C	U		O	U

Table 2. Continued

Season	Winter*			Spring			Summer			Fall			
	Year	01	02	03	01	02	03	01	02	03	01	02	03
Rose-breasted grosbeak													R
Savannah sparrow			U		U	O							
Tree swallow	A	A	A		C	A					U		
Tufted titmouse	O	O	U									O	
Thrush species													R
Turkey vulture	C	C	U	C	C	C	U	U	U	U	U	U	U
White-eyed vireo									O				
Wild turkey											U	U	O
Yellow-rumped warbler	A	A	C										
Yellow-throated warbler				O									
Bird Species Richness	39	39	52	37	38	46	29	38	40	44	34	48	
AMPHIBIANS/REPTILES													
American alligator	U	U		U	U	U	U	C	C	U	C	U	
Barking treefrog		O			U		O		O				O
Brown anole				O									
Bull Frog	C	C					U	U	U				
Chicken turtle	O	O											
Cuban treefrog													O
Eastern indigo snake													R
Eastern narrow-mouth toad	U	C		U	O				O		U	O	
Eastern spadefoot toad		C		U	A							O	
Five-lined skink	U	O			A		U				U		
Florida brown snake											R		
Florida chorus frog	A	A			O		U	C	C	U	U	O	
Florida cottonmouth			O			O							O
Florida cricket frog	A	A		U	A	A	U	A	A	U	U	U	
Florida red-bellied turtle	O	O		O	O	O	O		O				
Florida scrub lizard	R	R			U								
Florida soft shell turtle	U	U										O	
Florida water snake	U	U	U			O	U		O	U	O	U	
Eastern garter snake			O	U	U								
Green anole	U	U	U	U	U	O	C	U	O	C	O		
Green house frog					U	O	U			U			
Green treefrog	C	C	C	U	U	U	C	C	C	C	U	U	
Ground skink	U	U	U	U	U	O				U	O		
Island glass lizard					O	O							
Little grass frog	O	O				O			O				
Oak toad	C	C	C	O	O	O	C	O	O		O		
Peninsula cooter	U	U	U										
Peninsula Ribbon snake						O		R					O
Pig frog	U	U	U		U	C	C	C	C	C	U	O	
Pinewoods treefrog	U	U	U	O	U	U			U	O	O	O	
Southern leopard frog	A	A	A	U	A	A	C	C	C	C	U	U	
Rough green snake								O					

Table 2. Continued

Season	Winter*			Spring			Summer			Fall		
Year	01	02	03	01	02	03	01	02	03	01	02	03
Southern black racer	C	C	C	C	O	O	C		U		O	O
Southern toad	C	C	C	C	A	A	C	U	U	C	O	
Squirrel treefrog	A	A	A	C	U	C	C	C	C	C	O	O
Striped mud turtle						O						
Herp Species Richness	23	25	14	16	22	20	17	13	17	15	17	16
MAMMALS												
Armadillo			C			U	U	O	U			O
Bobcat												O
Cotton mouse					O							
Eastern mole						O						O
Feral hog			C			U		O	O			O
Old field mouse/Florida mouse		U										
Fox squirrel	U	O	O	O	U		O			O		
Gray fox					O	O						
Gray squirrel					O	U		O				O
Marsh rabbit			U		C	C			O			U
Opossum									O		U	O
Otter						O						O
Raccoon			C	C	C	C	C	C	U	C	U	U
Round-tailed muskrat						O			O			O
Short tail shrew		U	O									
White-tailed deer	U	U	C	U	C	C	U	C	C	U	U	U
Mammal Speies Richness	2	4	7	3	7	10	4	5	6	3	3	11
Total Species Richness	64	68	73	56	67	76	50	56	63	62	54	75

*Winter 2003 sampling has not been conducted in full.

A-Abundant, a species likely to be seen in high numbers.

C-Common, a few are likely to be seen.

U-Uncommon, present but not likely to be seen.

O-Occasional, seen only occasionally during a season.

R-Rare, present but not seen every year.

Winter-December through February

Spring-March through May

Summer-June through August

Fall-September through November

Table 3. Lake Wales Forest Listed Species.

Scientific Name	Common Name	Designated Status		Abundance
		FFWCC	USFWS	
Reptiles				
<i>Alligator mississippiensis</i>	American alligator	SSC	T(S/A)	C
<i>Gopherus polyphemus</i>	Gopher tortoise	SSC	-	C
<i>Neoseps reynoldsi</i>	Sand skink	T	T	O
<i>Drymarchon corais couperi</i>	Eastern Indigo snake	T	T	R
Total		3	3	
Birds				
<i>Egretta caerulea</i>	Little blue heron	SSC	-	C
<i>Egretta thula</i>	Snowy egret	SSC	-	C
<i>Egretta tricolor</i>	Tricolored heron	SSC	-	C
<i>Eudocimus albus</i>	White ibis	SSC	-	C
<i>Falco sparverius paulu</i>	Southeastern American kestrel	T	-	R
<i>Grus canadensis pratensis</i>	Florida sandhill crane	T	-	O
<i>Haliaeetus leucocephalus</i>	Bald eagle	T	T	O
<i>Mycteria americana</i>	Wood stork	E	E	O
<i>Polyborus plancus audubonii</i>	Audubon's crested caracara	T	T	R
Total		9	3	
Mammals				
<i>Podomys floridanus</i>	Florida mouse	SSC	-	R
<i>Sciurus niger shermani</i>	Sherman's fox squirrel	SSC		O
Total		1	-	
Plants				
		FDA	USFWS	Abundance
<i>Asclepias curtissii</i>	Curtiss' milkweed	E	-	R
<i>Calopogon multiflorus</i>	Many-flowered grass pink	E	-	R
<i>Chionanthus pygmaeus*</i>	Pygmy fringetree	E	E	O
<i>Clitoria fragrans</i>	Pigeon-wing butterfly-pea	E	T	R
<i>Garberia heterophylla</i>	Garberia	T	-	C
<i>Hypericum cumulicola</i>	Highlands scrub St. John's-wort	E	E	R
<i>Lechea cernua</i>	Nodding pinweed	T	-	R
<i>Liatris ohlingerae</i>	Scrub blazing star	E	E	R
<i>Lilium catesbaei</i>	Pine lily	T		R
<i>Nolina brittoniana*</i>	Scrub beargrass	E	E	O
<i>Osmunda cinnamomea</i>	Cinnamon fern	C	-	C
<i>Osmunda regalis</i>	Royal fern	C	-	C
<i>Panicum abscissum</i>	Cutthroat grass	E	-	C
<i>Paronychia chartacea</i>	Papery whitlow-wort	E	T	R
<i>Polygala lewtonii</i>	Lewton's polygala	E	E	R
<i>Pteroglossapsis ecristata</i>	Giant orchid	T	-	R
<i>Prunus geniculata</i>	Scrub plum	E	E	O
<i>Stylisma abdita</i>	Hidden stylisma	E	-	R

Table 3. Continued

<i>Tillandsia fasciculata</i>	Cardinal air plant	E		
<i>Tillandsia utriculata</i>	Giant wild pine	E	-	O
<i>Ziziphus celata</i> *	Florida jujube	E	E	R
Total		20	10	
Site Total		33	16	

Information based on Florida's endangered species, threatened species, and species of special concern official list, August 1997.

* Planted or Seeded

A – Abundant – seen in high numbers across the site.

C – Common – seen in moderate numbers across the site or in suitable habitat.

O – Occasional – seen sporadically throughout the site or in suitable habitat.

R – Rare – only a few individuals seen across the site or in suitable habitat and not every year.

GFC = Florida Game and Fresh Water Fish Commission

FDA = Florida Department of Agriculture and Consumer Services

FWS = United States Fish and Wildlife Service

E = Endangered

T = Threatened

T(S/A) = Threatened/Similarity of Appearance

T(E/P) = Threatened/Experimental Population

SSC = Species of Special Concern

C = commercially Exploited