

Appendix 13.D. Supporting Information and Glossary for the Hydrologic Wildlife Model

Frogs

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Bullfrog (<i>Lithobates (=Rana) catesbeiana</i>)	1-6	AQ											
River Frog (<i>Lithobates heckscheri</i>)	1-5	AQ											
Pig Frog (<i>Lithobates grylio</i>)	1-9	AQ											
Bronze Frog (<i>Lithobates clamitans clamitans</i>)	1-5	AQ											
Southern Leopard Frog (<i>Lithobates sphenoccephala sphenoccephala</i>)	1-9	OBL											
Little Grass Frog (<i>Pseudacris ocularis</i>)	1-9	OBL				--	--	--	--	--	--	--	
Green Treefrog (<i>Hyla cinerea</i>)	1-9	OBL											
Southern Cricket Frog (<i>Acris gryllus</i>)	1-9	FACW				--	--	--	--	--	--	--	
Squirrel Treefrog (<i>Hyla squirella</i>)	1-9	FAC											
Eastern Narrow-mouthed Toad (<i>Gastrophryne carolinensis</i>)	1-9	FAC											
Cuban Treefrog (<i>Osteopilus septentrionalis</i>)	1-9	FAC											
Southern Toad (<i>Bufo terrestris</i>)	1-9	FAC											

Salamanders

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Two-toed Amphiuma (<i>Amphiuma means</i>)	1-9	AQ											
Greater Siren (<i>Siren lacertina</i>)	1-9	AQ											
Southern Dwarf Siren (<i>Pseudobranchius axanthus</i>)	1-9	AQ											
Peninsula Newt (<i>Notophthalmus viridescens piaropicola</i>)	1-9	AQ										Efts	Efts
Dwarf Salamander (<i>Eurycea quadridigitata</i>)	1-9	OBL											
Southern Dusky Salamander (<i>Desmognathus auriculatus</i>)	1-6	OBL											
Mud Salamander (<i>Pseudotriton montanus</i>)	1-6	OBL											

Crocodylia

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
American Alligator (<i>Alligator mississippiensis</i>)	1-9	AQ/OBL	BRAC										

Turtles

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Florida Softshell (<i>Apalone ferox</i>)	1-9	AQ	BRAC										
Common Musk Turtle ("Stinkpot") (<i>Sternotherus odoratus</i>)	1-9	AQ											
Loggerhead Musk Turtle (<i>Sternotherus minor minor</i>)	1-5	AQ						N				N	N
Florida Snapping Turtle (<i>Chelydra serpentina osceola</i>)	1-9	AQ											N DISP
Eastern Mud Turtle (<i>Kinosternon subrubrum subrubrum</i>)	1-2	OBL											DISP
Florida Mud Turtle (<i>Kinosternon subrubrum steindachneri</i>)	1-9	OBL											FL
Striped Mud Turtle (<i>Kinosternon baurii</i>)	1-9	OBL	BRAC										N AES
Peninsula Cooter (<i>Pseudemys peninsularis</i>)	1-9	OBL		VSL									
Florida Red-bellied Turtle (<i>Pseudemys nelsoni</i>)	1-9	OBL	BRAC	VSL		B							
Chicken Turtle (<i>Deirochelys reticularia</i>)	1-9	OBL		VSL									
Spotted Turtle (<i>Clemmys guttata</i>)	3	OBL											

Snakes

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Florida Cottonmouth (<i>Agkistrodon piscivorus conanti</i>)	1-9	OBL											
Banded Water Snake (<i>Nerodia fasciata</i>)	1-9	OBL											
Brown Water Snake (<i>Nerodia taxispilota</i>)	1-9	OBL											
Rainbow Snake (<i>Farancia erytogramma</i>)	1-3	OBL											
Florida Green Water Snake (<i>Nerodia floridana</i>)	2-9	OBL											
Eastern Mudsnake (<i>Farancia abacura abacura</i>)	1-9	OBL											
Black Swamp Snake (<i>Seminatrix pygaea</i>)	1-9	OBL											
Striped Crayfish Snake (<i>Regina alleni</i>)	1-9	OBL											
Glossy Crayfish Snake (<i>Regina rigida rigida</i>)	1-8	OBL											
Florida Brown Snake (<i>Storeria dekayi victa</i>)	1-9	FACW				--							
Peninsula Ribbon Snake (<i>Thamnophis sauritus sackeni</i>)	1-9	FACW		--									
Eastern Garter Snake (<i>Thamnophis sirtalis</i>)	1-9	FACW		--									
Black Racer (<i>Coluber constrictor</i>)	1-9	FAC			--	--	--	--	--	--	--	--	--
Yellow Rat Snake (<i>Pantherophis (Elaphe) obsoleta quadrivittata</i>)	1-9	FAC											
Southern Ringneck Snake (<i>Diadophis punctatus punctatus</i>)	1-9	FAC											
Scarlet Kingsnake (<i>Lampropeltis triangulum elapsoides</i>)	1-9	FAC											

Snakes -- continued

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Eastern Kingsnake (<i>Lampropeltis getula</i>)	1-9	FAC				--	--	--	--		--	--	--
Florida Redbelly Snake (<i>Storeria occipitomaculata obscura</i>)	1-3	FAC											
Rough Green Snake (<i>Ophedrys aestivus</i>)	1-9	FAC											
Pine Woods Snake (<i>Rhadinaea flavilata</i>)	1-9	FAC								--			--
Eastern Indigo Snake (<i>Drymarchon couperi</i>)	1-9	FAC				--						--	

Lizards

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Green Anole (<i>Anolis carolinensis</i>)	1-9	FAC											
Five-lined skink (<i>Plestiodon fasciatus</i>)	1-9	FAC											
Southeastern Five-lined Skink (<i>Plestiodon inexpectatus</i>)	1-9	FAC											

Birds (Note: The avifaunal species are sorted by four hydrologic types and four functional groups (see glossary)).

Aquatic Birds

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Resident Nesters	Double-crested Cormorant (<i>Phalacrocorax auritus</i>)	1-9	AQ						RN --	RN --			RN --	
	Anhinga (<i>Anhinga anhinga</i>)	1-9	AQ						RN --	RN --			RN --	
	Pied-billed Grebe (<i>Podilymbus podiceps</i>)	1-9	AQ			N								
Coastal Nesters -- Inland Foragers	Brown Pelican (<i>Pelecanus occidentalis</i>)	1-6	AQ	N										
Migratory Non-nesters	Common Loon (<i>Gavia immer</i>)	1-9	AQ											
	American White Pelican (<i>Pelecanus erythrorhynchos</i>)	1-9	AQ											
	Horned Grebe (<i>Podiceps auritus</i>)	1-9	AQ											
	American Coot (<i>Fulica americana</i>)	1-9	AQ											
	Bufflehead (<i>Bucephala albeola</i>)	1-6	AQ											
	Canvasback (<i>Anas valisneria</i>)	1-9	AQ											
	Hooded Merganser (<i>Lophodytes cucullatus</i>)	1-9	AQ											
	Lesser Scaup (<i>Aythya affinis</i>)	1-9	AQ											
	Northern Shoveler (<i>Anas clypeata</i>)	1-9	AQ											
	Red-breasted Merganser (<i>Mergus serrator</i>)	1-9	AQ											
	Redhead (<i>Aythya americana</i>)	1-9	AQ											

Aquatic Birds -- continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Migratory Non-nesters continued	Ring-necked Duck (<i>Aythya collaris</i>)	1-9	AQ											
	Ruddy Duck (<i>Oxyura jamaicensis</i>)	1-9	AQ											
	American Black Duck (<i>Anas rubripes</i>)	1-6	AQ											
	American Widgeon (<i>Anas americana</i>)	1-9	AQ											
	Blue-winged Teal (<i>Anas discors</i>)	1-9	AQ		--	--								
	Gadwall (<i>Anas strepera</i>)	1-9	AQ											
	Green-winged Teal (<i>Anas crecca</i>)	1-9	AQ											
	Northern Pintail (<i>Anas acuta</i>)	1-9	AQ											

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Obligate Wetland Birds

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Resident Nesters	Fulvous Whistling Duck (<i>Dendrocygna bicolor</i>) (Non-native)	6-9	OBL											FL
	Mallard (<i>Anas platyrhynchos</i>)	1-9	OBL								N			N
	Florida Mottled Duck (<i>Anas fulvigula</i>)	4-9	OBL	N							N			N
	Wood Duck (<i>Aix sponsa</i>)	1-9	OBL				J		N	N			N	N
	Belted Kingfisher (<i>Megaceryle alcyon</i>)	1-2	OBL	--	N								RST	RST
	Common Moorhen (<i>Gallinula chloropus</i>)	1-9	OBL				N	N						
	Purple Gallinule (<i>Porphyrio martinica</i>)	1-9	OBL											
	Black Rail (<i>Laterallus jamaicensis</i>)	1-9	OBL								N			
	King Rail (<i>Rallus elegans</i>)	1-9	OBL											
	Black-crowned Night Heron (<i>Nycticorax nycticorax</i>)	1-9	OBL	--			--	RN	RN	RN				
	Yellow-crowned Night Heron (<i>Nyctanassa violacea</i>)	1-9	OBL						RN	RN				
	Great Blue Heron (<i>Ardea herodias</i>)	1-9	OBL					RN	RN	RN			RN	RN
	Great Egret (<i>Ardea alba</i>)	1-9	OBL					RN	RN	RN			RN	RN
	Least Bittern (<i>Ixobrychus exilis</i>)	1-9	OBL			N								
	Little Blue Heron (<i>Egretta caerulea</i>)	1-9	OBL					RN	RN	RN			RN	
	Snowy Egret (<i>Egretta thula</i>)	1-9	OBL		--			RN						
	Tricolored Heron (<i>Egretta tricolor</i>)	1-9	OBL					RN						
	Glossy Ibis (<i>Plegadis falcinellus</i>)	1-9	OBL					RN						
	Green Heron (<i>Butorides virescens</i>)	1-9	OBL	--		--		RN	--	--			--	--
	White Ibis (<i>Eudocimus albus</i>)	1-9	OBL					RN	RST	RST				RST
Wood Stork (<i>Mycteria americana</i>)	1-9	OBL					RN	RST	RST				RST	
Limpkin (<i>Aramus guarauna</i>)	1-9	OBL					N		N					
Florida Sandhill Crane (<i>Grus canadensis pratensis</i>)	3-9	OBL					N							
Worthington's Marsh Wren (<i>Cistothorus palustris griseus</i>)	1	OBL	N											

Obligate Wetland Birds – continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Resident Nesters continued	American Oystercatcher (<i>Haematopus palliatus</i>)	1	OBL	CN			MF							
	Wilson’s Plover (<i>Charadrius wilsonia</i>)	1	OBL	MF										
	Black Skimmer (<i>Rynchops niger</i>)	1	OBL	CN										
	Gull-billed Tern (<i>Gelochelidon (Sterna) nilotica</i>)	1, 6	OBL	CN										
	Least Tern (<i>Sternula (Sterna) antillarum</i>)	1-9	OBL											
	Laughing Gull (<i>Leucophaeus (Larus) atricilla</i>)	1-9	OBL	CN	MF		MF							
	Royal Tern (<i>Thalasseus maximus</i>)	1-9	OBL	CN										
	Sandwich Tern (<i>Thalasseus sandvicensis</i>)	6	OBL											
	Bald Eagle (<i>Haliaeetus leucocephalus</i>)	1-9	OBL											N
	Osprey (<i>Pandion haliaetus</i>)	1-9	OBL						N --	N --			N --	N --
	Florida Snail Kite (<i>Rostrhamus sociabilis plumbeus</i>)	6-9	OBL				N	N						
	Acadian Flycatcher (<i>Empidonax virescens</i>)	1-3	OBL											
	Prothonotary Warbler (<i>Protonotaria citrea</i>)	1-6	OBL											
	Migratory Non- nesters	Belted Kingfisher (<i>Megaceryle alcyon</i>)	1-9	OBL										
Sora (<i>Porzana carolina</i>)		1-9	OBL											
Virginia Rail (<i>Rallus limicola</i>)		1-9	OBL											
Yellow Rail (<i>Coturnicops noveboracensis</i>)		1-9	OBL											
American Bittern (<i>Botarus lentiginosus</i>)		1-9	OBL											
Marsh Wren (<i>Cistothorus palustris</i>)		1-9	OBL	BRAC										
Sedge Wren (<i>Cistothorus platensis</i>)		1-9	OBL											
American Avocet (<i>Recurvirostra americana</i>)		6-9	OBL				MF							
Spotted Sandpiper (<i>Actitis macularia</i>)		1-9	OBL	SH	SH									
Ruddy Turnstone (<i>Arenaria interpres</i>)		1-9	OBL	SL										FL
Sanderling (<i>Calidris alba</i>)		1	OBL	SL										
Dunlin (<i>Calidris alpina</i>)		1-9	OBL	SL			MF/SH							FL
Red Knot (<i>Calidris canutus</i>)		1	OBL	MF/SL										

Obligate Wetland Birds – continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Migratory Non-nesters continued	White-rumped Sandpiper (<i>Calidris fuscicollis</i>)	1-9	OBL	MF/ SL	MF/ SL		MF							FL
	Stilt Sandpiper (<i>Calidris himantopis</i>)	1-9	OBL	SL	SL		SH							FL
	Purple Sandpiper (<i>Calidris maritima</i>)	1	OBL	SL										
	Western Sandpiper (<i>Calidris mauri</i>)	1-9	OBL	MF	MF									FL
	Semipalmated Sandpiper (<i>Calidris pusilla</i>)	1-9	OBL	MF/ SL	SL									FL
	Piping Plover (<i>Charadrius melodus</i>)	1	OBL	MF										
	Semipalmated Plover (<i>Charadrius semipalmatus</i>)	1-9	OBL	MF			MF							
	Wilson’s Snipe (<i>Gallinago delicata</i>)	1-9	OBL		MF									FL
	Short-billed Dowitcher (<i>Limnodromus griseus</i>)	1-9	OBL	MF			MF							
	Long-billed Dowitcher (<i>Limnodromus scolopaceus</i>)	1-9	OBL		SH/ SL		MF/ SH							
	Whimbrel (<i>Numenius phaeous</i>)	1-9	OBL	MF	MF/ SL		MF							FL
	Long-billed Curlew (<i>Numenius americanus</i>)	1	OBL	MF										FL
	Marbled Godwit (<i>Limosa fedoa</i>)	1	OBL	MF										FL
	Lesser Yellowlegs (<i>Tringa flavipes</i>)	1-9	OBL	MF	MF/ SL		MF							FL
	Greater Yellowlegs (<i>Tringa melanoleuca</i>)	1-9	OBL	MF			MF							FL
	Solitary Sandpiper (<i>Tringa solitaria</i>)	1-9	OBL		SH/ SL		SH/ MF							FL
	Wilson’s Phalarope (<i>Phalaropus tricolor</i>)	1-9	OBL		MF		MF							FL
	Black-bellied Plover (<i>Pluvialis squatarola</i>)	1-9	OBL	MF/ SL	MF/ SL									FL
	Bonaparte’s Gull (<i>Chroicocephalus philadelphia</i>)	1-9	OBL	MF			MF							FL
	Ring-billed Gull (<i>Larus delawarensis</i>)	1-9	OBL				MF							
	Black Tern (<i>Chlidonias niger</i>)	1-9	OBL											
	Caspian Tern (<i>Hydroprogne (Sterna) caspia</i>)	1-9	OBL											
	Gull-billed Tern (<i>Gelochelidon (Sterna) nilotica</i>)	1-9	OBL				MF							FL
	Forster’s Tern (<i>Sterna forsteri</i>)	1-9	OBL											
	Acadian Flycatcher (<i>Empidonax virescens</i>)	1-9	OBL											
	Louisiana Waterthrush (<i>Seiurus motacilla</i>)	1-9	OBL											
	Northern Waterthrush (<i>S. noveboracensis</i>)	1-9	OBL											

Obligate Wetland Birds -- continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Migratory Non-nesters continued	Prothonotary Warbler (<i>Protonotaria citrea</i>)	6-9	OBL											
Coastal Nesters/Inland Foragers	Roseate Spoonbill (<i>Platalea ajaja</i>)	6-9	OBL	CN					RST --	RST --			RST --	RST --
	Reddish Egret (<i>Egretta rufescens</i>)	1	OBL											
	American Oystercatcher (<i>Haematopus palliatus</i>)	1	OBL	CN			MF							
Migratory Nesters (spring/summer)	Black-necked Stilt (<i>Himantopus mexicanus</i>)	6-9	OBL				MF							
	American Swallow-tailed Kite (<i>Elanoides forficatus</i>)	1-9	OBL						N	N			N	N

Facultative Wet Birds

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Resident Nesters	Red-shouldered Hawk (<i>Buteo lineatus</i>)	1-9	FACW		AF	AF	AF		N	N			N	
	Barred Owl (<i>Strix varia</i>)	1-9	FACW						N/ RST				N/ RST	N/ RST
	Fish Crow (<i>Corvus ossifragus</i>)	1-9	FACW	AF SL	AF		SL							
	Wood Thrush (<i>Hylocichla mustelina</i>)	1-2	FACW											
	Red-eyed Vireo (<i>Vireo olivaceus</i>)	1-6	FACW						N				N	
	Common Yellowthroat (<i>Geothlypis trichas</i>)	1-9	FACW						N				N	
	Northern Parula (<i>Parula americana</i>)	1-9	FACW											
	Yellow-throated Warbler (<i>Dendroica dominica</i>)	1-7	FACW						N	N				
	Boat-tailed Grackle (<i>Quiscalus major</i>)	1-9	FACW	BRAC --	SL									
	Red-winged Blackbird (<i>Agelaius phoeniceus</i>)	1-9	FACW											

Facultative Wet Birds -- continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Coastal Nesters/Inland Foragers	Willett (<i>Catoptrophorus semipalmatus</i>)	1-9	FACW	CN	VSL									FL
Migratory Non-nesters	Herring Gull (<i>Larus argentatus</i>)	1-9	FACW											
	Pectoral Sandpiper (<i>Calidris melanotos</i>)	1-9	FACW		VSL		MF							FL
	Least Sandpiper (<i>Calidris minutilla</i>)	1-9	FACW	SL	SL		MF							FL
	Tree Swallow (<i>Tachycineta bicolor</i>)	1-9	FACW	AF	AF	AF	AF	AF			AF	AF		AF
	Wood Thrush (<i>Hylocichla mustelina</i>)	2-9	FACW											
	American Pipit (<i>Anthus rubescens</i>)	1-9	FACW	SL			MF							FL
	Bachman's Wood Warbler (<i>Vermivora bachmanii</i>)	1-9	FACW											
	Yellow-throated Warbler (<i>Dendroica dominica</i>)	7-9	FACW											
	Yellow Warbler (<i>Dendroica petechia aestiva</i>)	1-9	FACW					--				--	--	--
	Swamp Sparrow (<i>Melospiza georgiana</i>)	1-9	FACW	BRAC --				--	--				--	

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Facultative Birds

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL	
Resident Nesters	Cattle Egret (<i>Bulbulcus ibis</i>)	1-9	FAC					RN					RST --		
	Cooper's Hawk (<i>Accipiter cooperii</i>)	1-6	FAC						N	N			N	N	
	Red-tailed Hawk (<i>Buteo jamaicensis</i>)	1-9	FAC											N --	
	Crested Caracara (<i>Caracara cheriway</i>)	9	FAC				--						N --	N --	
	Killdeer (<i>Charadrius vociferous</i>)	1-9	FAC	MF			MF								
	Eastern Screech-Owl (<i>Megascops (Otus) asio</i>)	1-9	FAC							N/ RST	N/ RST			N/ RST	N /RST
	Barn Owl (<i>Tyto alba</i>)	1-9	FAC											N/RST	N/RST
	Great Horned Owl (<i>Bubo virginianus</i>)	1-9	FAC							N/ RST	N/ RST			N/ RST	N/ RST
	Ruby-throated Hummingbird (<i>Archilochus colubris</i>)	1-9	FAC												
	Red-headed Woodpecker (<i>Melanerpes erythrocephalus</i>)	1-9	FAC												
	Downy Woodpecker (<i>Picoides pubescens</i>)	1-9	FAC												
	Hairy Woodpecker (<i>Picoides villosus</i>)	1-9	FAC												
	Northern Flicker (<i>Colaptes auratus</i>)	1-9	FAC												
	Pileated Woodpecker (<i>Dryocopus pileatus</i>)	1-9	FAC												
	Red-bellied Woodpecker (<i>Melanerpes carolinus</i>)	1-9	FAC												
	Eastern Kingbird (<i>Tyrannus tyrannus</i>)	1-9	FAC						--	--	--	--	--	--	--
	Great Crested Flycatcher (<i>Myiarchus crinitus</i>)	1-9	FAC							--				--	--
	Carolina Chickadee (<i>Poecile (Parus) carolinensis</i>)	1-6	FAC							--				--	--
	Tufted Titmouse (<i>Baeolophus bicolor</i>)	1-6	FAC							--				--	--
	Northern Mockingbird (<i>Mimus polyglottos</i>)	1-9	FAC											--	--
	Brown Thrasher (<i>Toxostoma rufum</i>)	1-9	FAC											--	--
	Gray Catbird (<i>Dumetella carolinensis</i>)	1-2	FAC											--	--
	Blue-gray Gnatcatcher (<i>Polioptila caerulea</i>)	1-9	FAC							--					--
	Hooded Warbler (<i>Wilsonia pusilla</i>)	1-3	FAC							AS				AS	
	Summer Tanager (<i>Piranga rubra</i>)	1-9	FAC											--	--
	Yellow-throated Vireo (<i>Vireo flavifrons</i>)	1-6	FAC							AS					AS

Facultative Birds -- continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Resident Nesters continued	White-eyed Vireo (<i>Vireo griseus</i>)	1-9	FAC						--			--		--
	Blue Jay (<i>Cyanocitta cristata</i>)	1-9	FAC											
	Blue Grosbeak (<i>Passerina caerulea</i>)	1-6	FAC											
	Painted Bunting (<i>Passerina ciris</i>)	1-6	FAC										--	
	Northern Cardinal (<i>Cardinalis cardinalis</i>)	1-9	FAC									--	--	--
	Eastern Towhee (<i>Pipilo erythrophthalmus</i>)	1-9	FAC											
	Brown-headed Cowbird (<i>Molothrus ater</i>)	1-3	FAC									--		--
	Common Grackle (<i>Quiscalus quiscula</i>)	1-9	FAC		SL		--	--	--	--	--	--	--	--
	European Starling (<i>Sturnus vulgaris</i>)	1-9	FAC						--				--	--
	Black Vulture (<i>Coragyps atratus</i>)	1-9	FAC				--							
	Turkey Vulture (<i>Cathartes aura</i>)	1-9	FAC				--							
	Broad-winged Hawk (<i>Buteo platypterus</i>)	1-2	FAC							N --	N --			N --
	Short-tailed Hawk (<i>Buteo brachyurus</i>)	1-9	FAC								N			N --
Migratory Nesters	Eastern Wood-Pewee (<i>Contopus virens</i>)	1-3	FAC						--				--	--
	Yellow-billed Cuckoo (<i>Coccyzus americanus</i>)	1-9	FAC											
	Barn Swallow (<i>Hirundo rustica</i>)	1-9	FAC		AF	AF	AF				AF			AF
	Northern Rough-winged Swallow (<i>Stelgidopteryx serripennis</i>)	1-9	FAC	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
	Purple Martin (<i>Progne subis</i>)	1-9	FAC		AF	AF	AF	AF			AF			AF
	Cooper's Hawk (<i>Accipiter cooperii</i>)	7-9	FAC											
	Broad-winged Hawk (<i>Buteo platypterus</i>)	3-9	FAC						--	--				--
Migratory Non-nesters	Northern Harrier (<i>Circus cyaneus</i>)	1-9	FAC											
	Merlin (<i>Falco columbarius</i>)	1-9	FAC											
	Peregrine Falcon (<i>Falco peregrinus</i>)	1-9	FAC											
	Yellow-bellied Sapsucker (<i>Sphyrapicus varius</i>)	1-9	FAC											
	Eastern Phoebe (<i>Sayornis phoebe</i>)	1-9	FAC						--			--		--
	Eastern Wood-Pewee (<i>Contopus virens</i>)	1-9	FAC											

Facultative Birds -- continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL	
Migratory Non-nesters continued	Bank Swallow (<i>Riparia riparia</i>)	1-9	FAC	AF	AF	AF	AF				AF			AF	
	Barn Swallow (<i>Hirundo rustica</i>)	1-9	FAC		AF	AF	AF				AF			AF	
	Cliff Swallow (<i>Petrochelidon pyrrhonota</i>)	1-9	FAC								AF			AF	
	House Wren (<i>Troglodytes aedon</i>)	1-9	FAC									--	--	--	
	Ruby-crowned Kinglet (<i>Regulus calendula</i>)	1-9	FAC												
	American Robin (<i>Turdus migratorius</i>)	1-9	FAC												
	Hermit Thrush (<i>Catharus guttatus</i>)	1-9	FAC												
	Veery (<i>Catharus fuscescens</i>)	1-9	FAC												
	Gray Catbird (<i>Dumetella carolinensis</i>)	2-9	FAC							--	--		--	--	--
	Yellow-throated Vireo (<i>Vireo flavifrons</i>)	6-9	FAC							AS					AS
	Philadelphia Vireo (<i>Vireo philadelphicus</i>)	1-9	FAC												
	American Redstart (<i>Setophaga ruticilla</i>)	1-9	FAC												
	Bay-breasted Warbler (<i>Dendroica castanea</i>)	1-9	FAC												
	Black-and-white Warbler (<i>Mniotilta varia</i>)	1-9	FAC												
	Blackpoll Warbler (<i>Dendroica striata</i>)	1-9	FAC												
	Black-throated Blue Warbler (<i>Dendroica caerulescens</i>)	1-9	FAC												
	Black-throated Green Warbler (<i>Dendroica virens</i>)	1-9	FAC												
	Golden-winged Warbler (<i>Vermivora chrysoptera</i>)	1-9	FAC												
	Blue-winged Warbler (<i>Vermivora pinus</i>)	1-9	FAC												
	Connecticut Warbler (<i>Oporomis agilis</i>)	1-9	FAC							--			--	--	--
	Hooded Warbler (<i>Wilsonia pusilla</i>)	3-9	FAC							AS				AS	AS
	Magnolia Warbler (<i>Dendroica magnolia</i>)	1-9	FAC												
	Orange-crowned Warbler (<i>Vermivora celata</i>)	1-9	FAC												
Ovenbird (<i>Sieurus aurocapilla</i>)	1-9	FAC													

Facultative Birds -- continued

Group	Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Migratory Non-nesters continued	Pine Warbler (<i>Dendroica pinus</i>)	1-9	FAC											
	Worm-eating Warbler (<i>Helmitheros vermivora</i>)	1-9	FAC											
	Yellow-rumped Warbler (<i>Dendroica coronata</i>)	1-9	FAC											
	Painted Bunting (<i>Passerina ciris</i>)	6-9	FAC										--	
	Rose-breasted Grosbeak (<i>Pheucticus ludovicianus</i>)	1-9	FAC						--				--	--
	Cedar Waxwing (<i>Bombycilla cedrorum</i>)	1-9	FAC											
	White-throated Sparrow (<i>Zonotrichia albicolis</i>)	1-5	FAC		SL								--	
	Brown-headed Cowbird (<i>Molothrus ater</i>)	3-9	FAC										--	--
	American Goldfinch (<i>Spinus (Carduelis) tristis</i>)	1-9	FAC											

See next page

Mammals

Species	Seg	Type	SW	OW	DM	SM	SS	HS	CS	WP	TS	HH	UPL
Bottlenose Dolphin (<i>Tursiops truncatus</i>)	1	AQ											
Florida Manatee (<i>Trichechus manatus latirostris</i>)	1-6	AQ											
Atlantic Salt Marsh Mink (<i>Neovison (Mustela) vison lutensis</i>)	1	OBL											
Round-tailed Muskrat (<i>Neofiber alleni</i>)	3-9	OBL							--				
Rice Rat (<i>Oryzomys palustris</i>)	1-9	OBL					--			--		--	--
Marsh Rabbit (<i>Sylvilagus palustris</i>)	1-9	OBL	--										--
River Otter (<i>Lontra canadensis</i>)	1-9	OBL											
Cotton Deermouse (<i>Peromyscus gossypinus</i>)	1-9	FACW				--				--			
Southeastern Shrew (<i>Sorex longirostris</i>)	1-9	FACW				--		--					
Short-tailed Shrew (<i>Blarina carolinensis</i>)	1-9	FACW											
Rafinesque's Big-eared Bat (<i>Corynorhinus rafinesquii</i>)	1-9	FACW											
Southeastern Myotis (<i>Myotis austroriparius</i>)	1-6	FACW											
Seminole Bat (<i>Lasiurus seminolus</i>)	1-9	FACW											
Northern Yellow Bat (<i>Lasiurus intermedius</i>)	1-9	FACW											
Opossum (<i>Didelphis virginiana</i>)	1-9	FAC											
Nine-banded Armadillo (<i>Dasypus novemcinctus</i>)	1-9	FAC											
Hispid Cotton Rat (<i>Signodon hispidus</i>)	1-9	FAC											--
Golden Mouse (<i>Ochrotomys nuttalli</i>)	1-9	FAC											
Eastern Cottontail (<i>Sylvilagus floridanus</i>)	1-9	FAC											
North American Least Shrew (<i>Cryptotis parva</i>)	1-9	FAC				--							
Long-tailed Weasel (<i>Mustela frenata peninsulae</i>)	2-9	FAC											
Big Brown Bat (<i>Eptesicus fuscus</i>)	1-9	FAC						--				--	--
Red Bat (<i>Lasiurus borealis</i>)	1-6	FAC											
Hoary Bat (<i>Lasiurus cinereus</i>)	1-6	FAC											
Evening Bat (<i>Nycticeius humeralis</i>)	1-9	FAC											
White-tailed Deer (<i>Odocoileus virginianus</i>)	1-9	FAC											
Bobcat (<i>Lynx rufus</i>)	1-9	FAC											
Gray Fox (<i>Urocyon cinereoargenteus</i>)	1-9	FAC											
Florida Black Bear (<i>Ursus americanus floridanus</i>)	3-4	FAC											
Raccoon (<i>Procyon lotor</i>)	1-9	FAC	SL	SL									

Glossary

Habitat Types

SW = Saltwater or brackish environments including saltwater marshes, estuaries, lagoons, sand flats, jetties, and coastal shorelines

OW = Open waters, which may be fresh, brackish, or seawater

DM = Deep Marsh/Floating Marsh

SM = Shallow Marsh

SS = Shrub Swamp

HS = Hardwood Swamp

CS = Cypress Swamp

WP = Wet Prairie

TS = Transitional Shrub

HH = Hydric Hammock

UPL = Uplands

Habitat modifiers

A = Area-sensitive

AES = Aestivate

B = Basking areas

BRAC = Brackish conditions

DISP = Dispersal areas

FL = Flooded areas

J = Juvenile habitats

MF = Mudflats

N = Nesting habitat

RN = Rookery nesting habitat

RST = Roosting habitats

SH = Shallow waters

SL = Shorelines

VSL = Vegetated shorelines

(--) = Edge habitats, or habitat margins

Hydrologic Types

AQ = aquatic, uses open water or permanently flooded habitats that may not fit the federal or state definitions of wetlands

OBL = obligate user of wetlands; almost always occurs in wetlands under normal conditions

FACW = facultative-wet dependency on wetlands; usually found in wetlands, but may occur in non-wetlands

FAC = facultative user of wetlands; as likely to occur in non-wetlands as in wetlands

UPL = usually in upland areas, but may use wetlands opportunistically

Functional Group

CN = Coastal nester-inland forager

MN = Migratory nester in the SJR

MNN = Migratory non-nester in the SJR

RNN = Resident non-nester