

**Appendix B:
Species List**

Birds

Season:

s – Spring	March – May
S – Summer	June – August
F – Fall	September – November
W - Winter	December – February

Relative Abundance

a – abundant	a species which is very numerous
c – common	likely to be seen or heard in suitable habitat
u – uncommon	present, but not certain to be seen
o – occasional	seen only a few times during a season
r – rare	may be present but not every year

Common name	Scientific name	Seasonal Occurrences			
		s	S	F	W
Loons-Grebes					
Common Loon	<i>Gavia immer</i>	o		r	o
Pied-billed Grebe	<i>Podilymbus podiceps</i>	u		o	u
Horned Grebe	<i>Podiceps auritus</i>	r		r	o
Cormorants					
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	u	u	u	u
Bitterns-Herons-Ibises					
American Bittern	<i>Botaurus lentiginosus</i>	o	o	r	r
Great Blue Heron	<i>Ardea herodias</i>	c	c	u	u
Great Egret	<i>Ardea alba</i>	o	o	o	o
Snowy Egret	<i>Egretta thula</i>	o	o		
Little Blue Heron	<i>Egretta caerulea</i>	o	o	r	
Cattle Egret	<i>Bubulcus ibis</i>	o	o	r	
Green Heron	<i>Butorides virescens</i>	c	c	u	
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	u	u		
Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>	o	o		
White Ibis	<i>Eudocimus albus</i>	r	r	r	
Swans-Geese-Ducks					
Tundra Swan	<i>Cugnus columbianus</i>	o		u	u
Snow Goose	<i>Chen caerulescens</i>			o	o
Brant	<i>Branta bernicla</i>			r	r
Canada Goose	<i>Branta canadensis</i>	u		u	c
Wood Duck	<i>Aix sponsa</i>	c	c	c	c
Green-winged Teal	<i>Anas crecca</i>	o		o	o
American Black Duck	<i>Anas rubripes</i>	u	u	u	u
Mallard	<i>Anas platyrhynchos</i>	u	u	u	u
Northern Pintail	<i>Anas acuta</i>	r		o	o
Blue-winged Teal	<i>Anas discors</i>	r	r	r	r
Gadwall	<i>Anas strepera</i>			o	o
American Wigeon	<i>Anas americana</i>	o		o	o
Canvasback	<i>Aythya valisineria</i>	r		o	o
Redhead	<i>Aythya americana</i>	o			o
Ring-necked Duck	<i>Aythya collaris</i>	u		u	u

Lesser Scaup	<i>Aythya affinis</i>	u		o	o
Common Goldeneye	<i>Bucephala clangula</i>			o	o
Bufflehead	<i>Bucephala albeo</i>	r		o	o
Hooded Merganser	<i>Lopodytes cuculla</i>	u	o	o	u
Common Merganser	<i>Mergus merganser</i>	o		r	o
Red-breasted Merganser	<i>Mergus serrator</i>	o		r	o
Ruddy Duck	<i>Oxyura jamaicensis</i>	r		o	o
Vultures-Hawks-Falcons					
Black Vulture	<i>Coragyps atratur</i>	u	u	u	u
Turkey Vulture	<i>Cathartes aura</i>	c	c	c	c
Osprey	<i>Pandion haliaetus</i>	o		r	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	r	r	r	r
Northern Harrier	<i>Circus cyaneus</i>	r		r	
Sharp-shinned Hawk	<i>Accipiter striatus</i>	o	r	c	u
Cooper's Hawk	<i>Accipiter cooperii</i>	o	r	o	o
Red-shouldered Hawk	<i>Buteo lineatus</i>	c	c	c	c
Broad-winged Hawk	<i>Buteo platypterus</i>	u		o	
Red-tailed Hawk	<i>Buteo jamicensis</i>	c	c	c	c
American Kestrel	<i>Falco sparverius</i>	u	u	u	u
Merlin	<i>Falco columbarius</i>	o		r	
Quail-Turkey					
Wild Turkey	<i>Meleagris gallopavo</i>	r	r	r	r
Northern Bobwhite	<i>Cotinus virginianus</i>	c	c	c	c
Rails-Cranes					
King Rail	<i>Rallus elegans</i>	r	r	r	r
Sora	<i>Porzana carolina</i>	r	r	r	r
Common Moorhen	<i>Gallinula chloropus</i>	r	r	r	r
American Coot	<i>Fulica americana</i>	o		o	o
Plovers-Sandpipers					
Semipalmated Plover	<i>Charadrius semipalmatus</i>	r		r	r
Killdeer	<i>Charadrius vociferus</i>	u		u	u
Greater Yellowlegs	<i>Tringa melanoleuca</i>			o	o
Lesser Yellowlegs	<i>Tringa flavipes</i>			o	o
Solitary Sandpiper	<i>Tringa solitaria</i>	u		r	
Spotted Sandpiper	<i>Actitis macularia</i>	c	u	u	
Whimbrel	<i>Numerius phaeopus</i>	r			
Sanderling	<i>Calidris alba</i>			o	
Semipalmated Sandpiper	<i>Calidris pusilla</i>	o		o	
Western Sandpiper	<i>Calidris mauri</i>				r
Least Sandpiper	<i>Calidris minutilla</i>			o	o
Short-billed Dowitcher	<i>Limnodromus griseus</i>			r	
Common Snipe	<i>Gallinago gallinago</i>	o		o	o
American Woodcock	<i>Scolopax minor</i>	c	c	c	u
Gulls-Terns-Auks					
Laughing Gull	<i>Larus atricilla</i>	o	o	o	o
Ring-billed Gull	<i>Larus delawarensis</i>	c	u	c	c
Herring Gull	<i>Larus argentatus</i>	u	u	u	u
Great Black-backed Gull	<i>Larus marinus</i>	o		o	o
Caspian Tern	<i>Sterna caspia</i>	o			
Royal Tern	<i>Sterna maxima</i>	o			

Doves-Cuckoos-Owls-Swifts-Hummingbirds

Rock Dove	<i>Columba livia</i>	u	u	u	u
Mourning Dove	<i>Zenaida macroura</i>	c	c	c	c
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	o			
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	c	c	o	
Eastern Screech-Owl	<i>Otus asio</i>	u	u	u	u
Great Horned Owl	<i>Bubo virginianus</i>	u	u	u	u
Barred Owl	<i>Strix varia</i>	c	c	c	c
Common Nighthawk	<i>Chordeiles minor</i>	r	r	r	
Chuck-wills widow		u	u	o	
Whip-poor-will	<i>Caprimulgus vociferus</i>	u	u	o	
Chimney Swift	<i>Caprimulgus carolinensis</i>	c	c	u	
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	c	c	u	
Belted Kingfisher	<i>Ceryle alcyon</i>	c	c	c	c

Woodpeckers-Flycatchers

Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	u	u	u	o
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	c	c	c	c
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	u	o	u	u
Down Woodpecker	<i>Picoides pubescens</i>	c	c	c	c
Hairy Woodpecker	<i>Picoides villosus</i>	u	u	u	u
Northern Flicker	<i>Colaptes auratus</i>	u	u	c	c
Pileated Woodpecker	<i>Dryocopus pileatus</i>	c	c	c	c
Eastern Wood-Pewee	<i>Contopus virens</i>	c	c	u	
Acadian Flycatcher	<i>Empidonax virescens</i>	c	c	u	
Eastern Phoebe	<i>Sayornis phoebe</i>	c	c	u	r
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	c	c	c	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	u	u	u	

Larks-Swallows-Jays-Crows

Purple Martin	<i>Progne subis</i>	u	u		
Tree Swallow	<i>Tachycineta bicolor</i>	u	o	u	
Northern Rough-winged Swallow	<i>Stelgidopteryx</i>	u	u	o	
Riparia Bank Swallow	<i>Riparia serripennis</i>	o			
Cliff Swallow	<i>Hirundo pyrrhonta</i>	r	r		
Barn Swallow	<i>Hirundo rustica</i>	c	c	c	
Blue Jay	<i>Cyanocitta cristata</i>	c	c	c	c
American Crow	<i>Corvus brachyrhynchos</i>	c	c	c	c
Fish Crow	<i>Corvus ossifragus</i>	u	u	u	u

Titmice-Nuthatches-Wrens

Black-capped Chickadee	<i>Parus atricapillus</i>			r	r
Carolina Chickadee	<i>Parus carolinensis</i>	c	c	c	c
Tufted Titmouse	<i>Parus bicolor</i>	c	c	c	c
Red-breasted Nuthatch	<i>Sitta canadensis</i>	r		u	u
White-breasted Nuthatch	<i>Sitta carolinensis</i>	c	c	c	c
Brown-headed Nuthatch	<i>Sitta pusilla</i>	u	u	u	u
Brown Creeper	<i>Certhia americana</i>	r		o	o
Carolina Wren	<i>Thryothorus ludovicianus</i>	c	c	c	c
House Wren	<i>Troglodytes aedon</i>	u	u	o	r
Winter Wren	<i>Troglodytes troglodytes</i>	r		u	u
Marsh Wren	<i>Cistothorus palustris</i>	o			

Kinglets-Thrushes-Thrashers

Golden-crowned Kinglet	<i>Regulus satrapa</i>	o		u	u
Ruby-crowned Kinglet	<i>Regulus calendula</i>	o		u	u
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	c	c	u	
Eastern Bluebird	<i>Sialia sialis</i>	u	u	u	o

Veery	<i>Catharus fuscescens</i>	o		r	
Gray-cheeked Thrush	<i>Catharus minimus</i>	o		r	
Swainson's Thrush	<i>Catharus ustulatus</i>	o		r	
Hermit Thrush	<i>Catharus guttatus</i>	o		u	c
Wood Thrush	<i>Hylocichta mustelina</i>	c	c	u	
American Robin	<i>Turdus migratorius</i>	u	u	c	c
Gray Catbird	<i>Dumetella carolinensis</i>	c	c	c	c
Northern Mockingbird	<i>Mimus polyglottos</i>	u	u	u	u
Brown Thrasher	<i>Toxostoma rufum</i>	u	u	u	u
Waxwings-Shrikes-Starlings					
American Pipit	<i>Anthus rubescens</i>	o		o	o
Cedar Waxwing	<i>Bobycilla cedrorum</i>	c	r	u	c
Loggerhead Shrike	<i>Lanius ludovicianus</i>	r		r	r
European Starling	<i>Sturnus vulgaris</i>	u	u	u	u
Vireos-Wood Warblers					
White-eyed Vireo	<i>Vireo griseus</i>	c	c	c	
Solitary Vireo	<i>Vireo solitarius</i>	o		o	
Yellow-throated Vireo	<i>Vireo flavifrons</i>	u	u	u	
Warbling Vireo	<i>Vireo gilvus</i>	o		r	
Philadelphia Vireo	<i>Vireo philadelphicus</i>	o		o	
Red-eyed Vireo	<i>Vireo olivaceus</i>	a	a	c	
Blue-winged Warbler	<i>Vermivora pinus</i>	c		u	
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	o			
Tennessee Warbler	<i>Vermivora peregrina</i>	u		u	
Nashville Warbler	<i>Vermivora ruticapilla</i>	o		o	
Northern Parula	<i>Parula americana</i>	u	u	u	
Yellow Warbler	<i>Dendroica petechia</i>	u	u	u	
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	o		u	
Magnolia Warbler	<i>Dendroica magnolia</i>	o		o	
Cape May Warbler	<i>Dendroica tigrina</i>	o		o	
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	u		u	
Yellow-rumped Warbler	<i>Dendroica coronata</i>	c		u	c
Black-throated Green Warbler	<i>Dendroica virens</i>	c	c	u	
Blackburnian Warbler	<i>Dendroica fusca</i>	o		o	
Yellow-throated Warbler	<i>Dendroica dominica</i>	u	u	u	
Pine Warbler	<i>Dendroica pinus</i>	c	c	c	u
Prairie Warbler	<i>Dendroica discolor</i>	c	c	c	o
Palm Warbler	<i>Dendroica palmarum</i>	u		u	
Bay-breasted Warbler	<i>Dendroica castanea</i>	o		o	
Blackpoll Warbler	<i>Dendroica striata</i>	u		o	
Cerulean Warbler	<i>Dendroica cerulea</i>	o			
Black-and-white Warbler	<i>Mniotilta varia</i>	u	c	c	
American Redstart	<i>Setophaga ruticilla</i>	c	c	c	
Prothonotary Warbler	<i>Protonotaria citrea</i>	a	a	c	
Worm-eating Warbler	<i>Helmitheros vermivorus</i>	u	u	u	
Swainson's Warbler	<i>Limnothlypis swainsonii</i>	u	u	u	
Ovenbird	<i>Seiurus aurocapillus</i>	a	a	c	
Northern Waterthrush	<i>Seiurus noveboracensis</i>	c	u	u	
Louisiana Waterthrush	<i>Seiurus motacilla</i>	c	c	c	
Kentucky Warbler	<i>Oporornis formosus</i>	r	r	r	
Common Yellowthroat	<i>Geothlypis trichas</i>	c	c	c	u
Hooded Warbler	<i>Wilsonia citrina</i>	c	c	c	
Wilson's Warbler	<i>Wilsonia pusilla</i>	r		r	
Canada Warbler	<i>Wilsonia canadensis</i>	o	o	o	
Yellow-breasted Chat	<i>Icteria virens</i>	u	u	u	

Tanagers-Sparrows

Summer Tanager	<i>Piranga rubra</i>	u	u	u	
Scarlet Tanager	<i>Pirango olivacea</i>	u	r	r	
Northern Cardinal	<i>Cardinalis cardinalis</i>	c	c	c	c
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	u		u	
Blue Grosbeak	<i>Guiraca caerulea</i>	u	u	o	
Indigo Bunting	<i>Passerina cyanea</i>	c	c	u	
Rufous-sided Towhee	<i>Pipilo erythrophthalmus</i>	c	c	c	c
American Tree Sparrow	<i>Spizella arborea</i>	r		o	o
Chipping Sparrow	<i>Spizella passerina</i>	u	u	o	r
Field Sparrow	<i>Spizella pusilla</i>	u	u	u	u
Fox Sparrow	<i>Passerella iliaca</i>			u	u
Song Sparrow	<i>Melospiza melodia</i>	u	u	u	u
Swamp Sparrow	<i>Melospiza georgiana</i>	u	r	o	u
White-throated Sparrow	<i>Zonotrichia albicollis</i>	u		c	c
White-crowned Sparrow	<i>Zonotrichia leucophrus</i>	r		r	r
Savannah Sparrow	<i>Passerculus sandwichensis</i>	u		o	u
Dark-eyed Junco	<i>Junco hyemalis</i>	o		c	c

Blackbirds-Finches

Bobolink	<i>Dolichonyx oryzivorus</i>	o		r	
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	u	u	c	c
Eastern Meadowlark	<i>Sturnella magna</i>	o	o	o	r
Rusty Blackbird	<i>Eyphagus carolinus</i>	o		o	o
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>			r	r
Boat-tailed Grackle	<i>Quiscalus major</i>	o	o	o	o
Common Grackle	<i>Quiscalus quiscula</i>	c	c	c	c
Brown-headed Cowbird	<i>Molothrus ater</i>	c	c	c	c
Orchard Oriole	<i>Icterus spurius</i>	u	u		
Northern Oriole	<i>Icterus galbula</i>	u	u	o	r
Purple Finch	<i>Carpodacus purpureus</i>			o	u
Pine Siskin	<i>Carduelis pinus</i>	o		u	u
American Goldfinch	<i>Carduelis tristis</i>	c	u	u	c
Evening Grosbeak	<i>Hesperiphona vespertina</i>	o		o	u

Butterflies

include the following:

PAPILIONIDAE - Swallowtails

Pipe Vine Swallowtail (*Battus philenor*)
 Zebra Swallowtail (*Eurytides marcellus*)
 Black Swallowtail (*Papilio polyxenes*)
 Eastern Tiger Swallowtail (*Papilio glaucus*)
 Spicebush Swallowtail (*Papilio troilus*)
 Palemedes Swallowtail (*Papilio palamedes*)

Pearl Crescent (*Phyciodes tharos*)
 Question Mark (*Polygonia interrogationis*)
 Eastern Comma (*Polygonia comma*)
 American Painted Lady (*Vanessa virginiensis*)
 Red Admiral (*Vanessa atalanta*)
 Common Buckeye (*Junonia coenia*)
 Red-spotted Purple (*Limenitis arthemis astyanax*)
 Viceroy (*Limenitis archippus*)
 Southern Pearly-eye (*Enodia portlandia*)
 Carolina Satyr (*Hermeuptychia sosybius*)
 Little Wood-Satyr (*Megisto cymela*)
 Common Wood-Nymph (*Cercyonis pegala*)
 Monarch (*Danaus plexippus*)

PIERIDAE - Whites & Sulphurs

Cabbage White (*Pieris rapae*)
Clouded Sulphur (*Colias philodice*)
Orange Sulphur (*Colia eurytheme*)
Cloudless Sulphur (*Phoebis sennae*)
Sleepy Orange (*Eurema nicippe*)

LYCAENIDAE - Hairstreaks & Blues

Great Purple Hairstreak (*Atlides halesus*)
Striped Hairstreak (*Satyrrium liparops*)
White-Cedar Hairstreak (*Callophrys hesseli*)
Gray Hairstreak (*Strymon melinus*)
Red-banded Hairstreak (*Calycopis cecrops*)
Eastern Tailed-Blue (*Everes comyntas*)
Spring Azure (*Celastrina ladon*)

NYMPHALIDAE - Brushfoots, Satyrs & Milkweed Butterflies

Gulf Fritillary (*Agraulis vanillae*)
Variegated Fritillary (*Eutopieta claudia*)
Great Spangled Fritillary (*Speyeria cybele*)

HESPERIIDAE - Spreadwing Skippers & Folded-winged Skippers

Silver-spotted Skipper (*Epargyreus clarus*)
Southern Cloudy Wing (*Thorybes bathyllus*)
Confused Cloudy Wing (*Thorybes confusus*)
Juvenal's Dusky Wing (*Erynnis juvenalis*)
Horace's Dusky Wing (*Erynnis horatius*)
Southern Skipperling (*Copaeodes minimus*)
Clouded Skipper (*Lerema accius*)
Delaware Skipper (*Anatrytone logan*)
Duke's Skipper (*Euphyes dukesi*)
Hobomok Skipper (*Poanes hobomok*)
Zabulon Skipper (*Poanes zabulon*)
Yehl Skipper (*Poanes yehl*)
Dun Skipper (*Euphyes vestris*)
Lace-winged Roadside Skipper (*Amblyscirtes aesculapius*)
Carolina Roadside Skipper (*Amblyscirtes carolina*)
Reversed Roadside Skipper (*Amblyscirtes reversa*)

FISH

Longnose Gar	<i>Lepisosteus osseus</i>
Bowfin	<i>Amia calva</i>
Redfin Pickerel	<i>Esox Americanus</i>
Chain Pickerel	<i>Esox niger</i>
Golden Shiner	<i>Notemigonus crysoleucas</i>
White Catfish	<i>Ameiurus catus</i>
Channel Catfish	<i>Ictalurus punctatus</i>
Yellow Bullhead	<i>Ameiurus natalis</i>
Brown Bullhead	<i>Ameiurus nebulosus</i>
American Eel	<i>Anquilla rostrata</i>
Mosquitofish	<i>Gambusia holbrooki</i>
Swampfish	<i>Chologaster cornuta</i>
Pirate Perch	<i>Aphredoderus sayanus</i>

Mud Sunfish	<i>Acantharchus pomotis</i>
Flier	<i>Centrarchus macropterus</i>
Warmouth	<i>Lepomis gulosus</i>
Bluespotted Sunfish	<i>Enneacanthus gloriosus</i>
Banded Sunfish	<i>Enneacanthus obesus</i>
Redbreast Sunfish	<i>Lepomis auritus</i>
Pumpkinseed	<i>Lepomis gibbosus</i>
Bluegill	<i>Lepomis microchirus</i>
Largemouth Bass	<i>Micropterus salmoides</i>
Black Crappie	<i>Pomoxis nigromaculatus</i>
Eastern Swamp Darter	<i>Etheostoma fusiforme</i>
Yellow Perch	<i>Perca flavescens</i>
Eastern Mudminnow	<i>Umbra pygmaea</i>
Creek Chubsucker	<i>Erimyzon oblongus</i>

Mammals

Opposum	<i>Didelphis virginiana</i>
Least Shrew	<i>Cryptotis parva</i>
Dismal Swamp Shrew	<i>Sorex longirostris fisheri</i>
Eastern Mole	<i>Scalopus acmaticus</i>
Starnosed Mole	<i>Condylura cristata</i>
Southeastern long-tailed shrew	<i>Sorex longirostris</i>
Greater Short-tailed Shrew	<i>Blarina brevicauda telmalestes</i>
Eastern Long-eared Myotis	<i>Myotis keenii septentrionalis</i>
Eastern Pipistrelle	<i>Pipistrellus subflavus</i>
Eastern Big-eared Bat	<i>Plecotis rafinesquii</i>
Evening Bat	<i>Nycticeius humeralis</i>
Northern Red Bat	<i>Lasiurus borealis</i>

Little Brown Myotis	<i>Myotis lucifugus</i>
Hoary Bat	<i>Lasiurus cinereus</i>
Eastern Big-eared Bat	<i>Plecotus rafinescruci</i>
Eastern Cottontail	<i>Sylvilagus floridanus</i>
Marsh Rabbit	<i>Sylvilagus valustris</i>
Eastern Chipmunk	<i>Tamias striatus</i>
Gray Squirrel	<i>Sciurus carolinensis</i>
Southern Flying Squirrel	<i>Glaucomys volans</i>
Beaver	<i>Castor canadensis</i>
Marsh Rice Rat	<i>Orzomys palustris</i>
Eastern Harvest Mouse	<i>Reithrodontomys humulis</i>
Cotton Mouse	<i>Peromyscus gossypinus</i>
White-footed Mouse	<i>Peromyscus leucopus</i>
Golden Mouse	<i>Ochrotomys nuttalli</i>
Southern Lemming Vole	<i>Synaptomys cooperi helaletes</i>
Groundhog	<i>Marmota monax</i>
Muskrat	<i>Ondatra zibethicas</i>
Nutria	<i>Myocastor coypus</i>
Meadow Vole	<i>Microtus pennsylvanicus</i>
Gray Fox	<i>Urocyon cinereoargenteus</i>
Red Fox	<i>Vulpes fulva</i>
Black Bear	<i>Ursus americanus</i>
Raccoon	<i>Procyon lotor</i>
Coyote	<i>Canis latrans</i>
Mink	<i>Mustela vison</i>

River Otter	<i>Lutra canadensis</i>
Bobcat	<i>Felis rufus</i>
Long-tailed Weasel	<i>Mustela frenata</i>
White-tailed Deer	<i>Odocoileus virginianus</i>

Reptile and Amphibians

Snakes

Brown water snake	<i>Nerodia taxispilota</i>
Red-bellied water Snake	<i>Nerodia erythrogaster erythrogaster</i>
Northern water snake	<i>Nerodia sipedon sipedon</i>
Northern Brown snake	<i>Storeria dekayi dekayi</i>
Northern Red-bellied snake	<i>Storeria accipitamaculata occipita maculata</i>
Eastern Ribbon snake	<i>Thamnophis sauritus sauritus</i>
Eastern Garter snake	<i>Thamnophis sirtalis sirtalis</i>
Eastern Earth snake	<i>Virginia valeriae valeriae</i>
Eastern Hognose snake	<i>Heterodon platirhinos platirhinos</i>
Southern Ringneck snake	<i>Diadophis punctatus punctatus</i>
Eastern Worm snake	<i>Carphophis amoenus amoenus</i>
Eastern Mud snake	<i>Farancia abacura abacura</i>
Northern Black Racer	<i>Coluber constrictor constrictor</i>
Rough Green snake	<i>Opheodrys aestivus</i>
Black Rat snake	<i>Elaphe obsoleta obsoleta</i>
Eastern King snake	<i>Lampropeltis getula getula</i>
Scarlet King snake	<i>Lampropeltis elapsoides</i>
Southern Copperhead	<i>Aqkistrodon contortrix contortrix</i>
Eastern Cottonmouth	<i>Aqkistrodon Discivorus piscivorus</i>

Canebrake Rattlesnake	<i>Croatalus horridus atricaudatus</i>
Rainbow snake	<i>Farancia erythrogrampa erythrogrampa</i>

Turtles

Common Snapping turtle	<i>Cheldra serpentine serpentine</i>
Stinkpot	<i>Sternotherus odoratus</i>
Eastern Mud turtle	<i>Kinosternon subrubrum subrubrum</i>
Spotted turtle	<i>Clemmys guttata</i>
Eastern Box turtle	<i>Terrepene carolina carolina</i>
Eastern Painted turtle	<i>Chrysemys victa victa</i>
Yellow-bellied turtle	<i>Trachemys scripta scripta</i>
Red-bellied turtle	<i>Psuedemys rubriventris</i>

Lizards

Northern Fence lizard	<i>Sceloporus undulatus hyacinthinus</i>
Ground Skink	<i>Scincella lateralis</i>
Five-Lined Skink	<i>Eumeces fasciatus</i>
Broad-Headed Skink	<i>Eumeces laticeps</i>
Southeastern Five-Lined Skink	<i>Eumeces inexpectatus</i>

Toads & Frogs

Eastern Spadefoot	<i>Scaphiopus holbrooki holbrooki</i>
American Toad	<i>Bufo americanus</i>

Southern Toad	<i>Bufo terrestris</i>
Fowler's Toad	<i>Bufo woodhousii fowleri</i>
Oak Toad	<i>Bufo cruercicus</i>
Spring Peeper	<i>Pseudacris crucifer</i>
Pinewoods Tree frog	<i>Hyla femoralis</i>
Squirrel Tree frog	<i>Hyla squirella</i>
Gray Tree frog	<i>Hyla versicolor</i>
Little Grass frog	<i>Pseudacris ocularis</i>
Upland Chorus frog	<i>Pseudacris triseriata feriarum</i>
Brimley's Chorus frog	<i>Pseudacris brimlevi</i>
Southern Cricket frog	<i>Acris gryllus gryllus</i>
Bullfrog	<i>Rana catesbeiana</i>
Carpenter frog	<i>Rana virgatipes</i>
Green frog	<i>Rana clamitans melanota</i>
Southern Leopard frog	<i>Rana utricularia</i>
Eastern Narrow-mouthed frog	<i>Gastrophyrne caralinensis</i>

Salamanders and Other Amphibians

Greater Siren	<i>Siren lacertina</i>
Two-toed Amphiuma	<i>Amphiuma means</i>
Marbled salamander	<i>Ambystoma opacum</i>
Red-backed salamander	<i>Plethodon cinereus cinereus</i>
Slimy salamander	<i>Plethodon glutinosus</i>
Many-lined salamander	<i>Stereochilus marginatus</i>
Southern Two-lined salamander	<i>Eurycea bislineata cirrigera</i>

The species listed below have not been observed in the Dismal Swamp. However, due to their range, these species may occur in areas of the swamp.

Florida Cooter	<i>Pseudemys floridana floridana</i>
River Cooter	<i>Pseudemys concinna</i>
Eastern Slender Glass lizard	<i>Ophisaurus attenuatus longicaudus</i>
Green Anole	<i>Anolis carolinensis</i>
Eastern Glass lizard	<i>Ophisaurus ventralis</i>
Southern Dusky Salamander	<i>Desmognathus auriculatus</i>

Plants

Trees

Loblolly Pine	<i>Pinus taeda</i>
Pond Pine	<i>Pinus serotina</i>
Bald Cypress	<i>Taxodium distichum</i>
Atlantic white cedar	<i>Chamaecyparis thyoides</i>
Red Cedar	<i>Juniperus virginiana</i>
Black Willow	<i>Salix nigra</i>
Swamp Cottonwood	<i>Populus-heterophylla</i>
Hop Hornbeam	<i>Ostrya virginiana</i>
Musclewood	<i>Carpinus caroliniana</i>
American Beech	<i>Fagus grandifolia</i>
White Oak	<i>Quercus alba</i>
Overcup Oak	<i>Quercus lyrata</i>
Swamp Chestnut Oak	<i>Quercus michauxii</i>
Southern Red Oak	<i>Quercus falcata</i>
Cherrybark Oak	<i>Quercus pagoda</i>
Water Oak	<i>Quercus nigra</i>

Willow Oak	<i>Quercus phellos</i>
Laurel Oak	<i>Quercus laurifolia</i>
Post Oak	<i>Quercus stellata</i>
Black Oak	<i>Quercus velutina</i>
Yellow Poplar	<i>Liriodendron tulipifera</i>
Southern Magnolia	<i>Magnolia grandifolia</i>
Sweetbay	<i>Magnolia virginiana</i>
Pawpaw	<i>Asimina triloba</i>
Redbay	<i>Persea borbonia</i>
Sassafras	<i>Sassafras albidum</i>
Sweet gum	<i>Liquidambar styraciflua</i>
American sycamore	<i>Platanus occidentalis</i>
Washington Thorn	<i>Crataegus phaenopyrum</i>
Shadbush	<i>Amelanchier canadensis</i>
American Holly	<i>Ilex opaca</i>
Box Elder	<i>Acer negundo</i>
Red Maple	<i>Acer rubrum</i>
Silky Camellia	<i>Stewartia malacodendron</i>
Black Gum	<i>Nyssa sylvatica</i>
Tupelo Gum	<i>Nyssa aquatica</i>
Dogwood	<i>Cornus florida</i>
Sourwood	<i>Oxydendrum arboreum</i>
Persimmon	<i>Diospyros virginiana</i>
Horse Sugar	<i>Symplocos tinctoria</i>
Green Ash	<i>Fraxinus pennsylvanica var. subintegerrima</i>
Pumpkin Ash	<i>Fraxinus tomentosa</i>
Black Cherry	<i>Prunus serotina</i>

Shrubs

Wax Myrtle	<i>Myrica cerifera</i>
Tag Alder	<i>Alnus serrulata</i>
Virginia Willow	<i>Itea virginica</i>
Swamp Rose	<i>Rosa palustris</i>
Red Chokeberry	<i>Pyrus arbutifolia</i>
Wild Azalea	<i>Rhododendron nudiflorum</i>
Swamp Azalea	<i>Rhododendron viscosum</i>
Sheep Laurel	<i>Kalmia augustifolia</i>

Male-Berry	<i>Lyonial ligustrina</i>
Fetter-Bush	<i>Lyonia lucida</i>
Dog-Hobble	<i>Leucothoe axillaris</i>
Fetter Bush	<i>Leucothoe racemosa</i>
Poison Sumac	<i>Rhus vernix</i>
Winged Sumac	<i>Rhus copallina</i>
Winterberry	<i>Ilex verticillata</i>
Inkberry	<i>Ilex glabra</i>
Sweet Gallberry	<i>Ilex coriacea</i>
Strawberry Bush	<i>Euonymus americanus</i>
Devil's Walking Stick	<i>Aralia spinosa</i>
Sweet Pepperbush	<i>Clethra alnifolia</i>
Highbush Blueberry	<i>Vaccinium corymbosum</i>
French Mulberry	<i>Callicarpa americans</i>
Possumhaw Virburnum	<i>Viburnum nudum</i>
Elderberry	<i>Sambucus canadensis</i>
Titi	<i>Cyrilla racemiflora</i>
Groundsel-Tree	<i>Baccharis halimifolia</i>
Silky Camellia	<i>Stewartia malacodendron</i>

Vines

Greenbrier	<i>Smilax hispida</i>
Greenbrier	<i>Smilax rotundifolia</i>
Greenbrier (Sawbrier)	<i>Smilax glauca</i>
Greenbrier (Coral Greenbrier)	<i>Smilax walteri</i>
Greenbrier	<i>Smilax laurifolia</i>
Wild Yam	<i>Dioscorea villosa</i>
Leather-Flower	<i>Clematis crispa</i>
Climbing Hydrangea	<i>Decumaria barbara</i>
Poison Ivy	<i>Rhus radicans</i>
Rattan Vine	<i>Berchemia scandens</i>
Muscadine Grape	<i>Vitis rotundifolia</i>
Fox Grape	<i>Vitis labrusca</i>

Summer Grape	<i>Vitis aestivalis</i>
Maypop	<i>Passiflora incarnate</i>
Yellow Jassamine	<i>Gelsemium sempervirens</i>
Cross Vine	<i>Bignonia capreolata</i>
Trumpet Vine	<i>Campsis radicans</i>
Japenese Honeysuckle	<i>Lonicera japonica</i>
Coral Honeysuckle	<i>Lonicera sempervirens</i>
Climbing Hempweed	<i>Mikania scandens</i>
Virginia Creeper	<i>Parthenocissus quinquefolia</i>

Ferns and Fern Allies

Groundpine	<i>Lycopodium tristachyum</i>
Running Pine	<i>Lycopodium flabelliforme</i>
Royal Fern	<i>Osmunda regalis</i>
Cinnamon Fern	<i>Osmunda cinnamomea</i>
Climbing Fern	<i>Lycopodium palmatum</i>
Hay-scented Fern	<i>Dennstaedtia punctilobula</i>
Bracken Fern	<i>Pteridium aquinum</i>
Southern Lady Fern	<i>Athyrium asplenioides</i>
Log Fern	<i>Dryopteris celsa</i>
Fancy Fern	<i>Dryopteris intermedia</i>
New York Fern	<i>Thelypteris noveboracensis</i>
Marsh Fern	<i>Thelypteris palustris</i>
Sensitive Fern	<i>Onoclea sensibilis</i>
Netted Chain Fern	<i>Woodwardia areolata</i>
Virginia Chain Fern	<i>Woodwardia virginica</i>
Ebony Spleenwort	<i>Asplenium platyneuron</i>
Resurrection Fern	<i>Pleopeltis polypodioides</i>

Herbaceous Plants

Duckweeds	<i>Lemna valdiviana</i>
Duckweeds	<i>Spirodela gligorrhiza</i>
Dayflower	<i>Commelina virginica</i>
Dwarf Trillium	<i>Trillium pusillum</i>
Indian Cucumber-root	<i>Medeola virginiana</i>
Blue Eyed Grass	<i>Sisyrinchium angustifolium</i>
Pink Lady's Slipper	<i>Cypripedium acaule</i>
Southern Twayblade	<i>Listera australis</i>
Downy Rattlesnake Pantain	<i>Goodyera pubescens</i>
Crane Fly Orchid	<i>Tipularis bicolor</i>
Lizard's Tail	<i>Saururus cernuus</i>
False nettle	<i>Boehmeria cylindrical</i>
Mistletoe	<i>Phoradendron flavescens</i>
Jumpseed	<i>Tovara virginiana</i>
Smartweed	<i>Polygonum hydropiperoides</i>
Knotweed	<i>Polygonum pennsylvanicum</i>
Pokeweed	<i>Phytolacca americans</i>
Chickweed	<i>Stellaria media</i>
Yellow Pond-Lilly	<i>Nuphar luteum</i>
Leather Flower	<i>Clematis viorna</i>
Buttercups	<i>Ranunculus-species</i>
Bitter Cress	<i>Eardamine hirsuta</i>
Mock Strawberry	<i>Duchesnea indica</i>
Partridge Pea	<i>Cassia fasciculata</i>
Lespedeza	<i>Lespedeza cuneata</i>
Lady's Sorrel	<i>Oxalis dillenii</i>
Wild Geranium	<i>Geranium carolinianum</i>
Jewel-Weed	<i>Impatiens pallida</i>
St. John's Wort	<i>Hypericum hypericoides</i>
St. John's Wort	<i>Hypericum mutilum</i>
St. John's Wort	<i>Hypericum virginicum</i>
Violet	<i>Viola primulifolia</i>
Water Loosestrife	<i>Decodon verticillatus</i>
Meadow-Beauty	<i>Rhexia marina</i>
Water Primrose	<i>Ludwigia alternifolia</i>

Water Primrose	<i>Ludwigia palustris</i>
Mermaid-Weed	<i>Proserpinaca palustris</i>
Queen Anne's Lace	<i>Daucus carota</i>
Marsh Pennywort	<i>Hydrocotyle umbellata</i>
Heal-All	<i>Prunella vulgaris</i>
Skullcap	<i>Scutellaria integrifolia</i>
Nightshade	<i>Solanum carolinense</i>
Gerardia	<i>Agalinis purpurea</i>
Squaw-Root	<i>Conapholis americans</i>
Beech-Drops	<i>Epifagus virginiana</i>
Bladderwort	<i>Utricularia gibba</i>
Purple Bladderwort	<i>Utricularia purpurea</i>
Great Bladderwort	<i>Utricularia inflata</i>
Diodia	<i>Diodia virginiana</i>
Partridge Berry	<i>Mitchella repens</i>
Cardinal Flower	<i>Lobelia cardinalis</i>
Yarrow	<i>Achillea millefolium</i>
Daisey Fleabane	<i>Erigeron annuus</i>
Dog-Fennel	<i>Eupatorium capillifolium</i>
Mistflower	<i>Eupatorium coelestinum</i>
Joe-Pye-Weed	<i>Eupatorium dubium</i>
Goldenrod	<i>Solidago erecta</i>
Coastal Swamp Goldenrod	<i>Solidago latissimifolia</i>
Dandelion	<i>Taraxacum officinale</i>
Ironweed	<i>Vernonia noveboracensis</i>

Grasses-Sedges-Rushes

Cotton Grass	<i>Eriophorum virginicum</i>
Wool Grass	<i>Scripus cyperinus</i>
Foxtail Grasses	<i>Setaria - species</i>
Panic Grasses	<i>Panicum - species</i>
Sedges	<i>Cyperus - species</i>
Sedges	<i>Carex - species</i>
Switch Cane	<i>Arundinaria gigantea</i>
Rushes	<i>Juncus bufonus</i>
Rushes	<i>Juncus repens</i>

Trust species known or suspected to occur on Great Dismal Swamp National Wildlife Refuge and Nansemond National Wildlife Refuge

Global and State ranks

These ranks are determined by the Nature Conservancy's system of measuring rarity and threat status. "Global" refers to worldwide ranks and "State" to statewide ranks. Following each state rank it will be noted "VA" for Virginia listings or "NC" for North Carolina listings.

Global ranking:

G1 = Extremely rare and critically imperiled; 5 or fewer remaining individuals; or some factor(s) making it especially vulnerable to extinction.

G2 = Very rare and imperiled; 6 to 20 occurrences or few remaining individuals; or some factor(s) making it vulnerable to extinction.

G3 = Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range; or vulnerable to extinction because of other factors. Usually fewer than 100 occurrences are documented.

G4 = Common and apparently secure globally; may be rare in parts of its range, especially at the periphery.

G5 = Very common and demonstrably secure globally; may be rare in parts of its range, especially at the periphery.

GH = Formerly part of the world's biota with expectation that it may be rediscovered.

GX = Believed extinct throughout its range with virtually no likelihood or rediscovery.

GU = Possibly rare, but status uncertain and more data needed.

G? = Unranked, or if following a ranking, rank uncertain (ex. G3?)

G_Q = the taxon has a questionable taxonomic assignment, such as a G3Q.

G_T_ = signifies the rank of a subspecies or variety. For example, a G5T1 would apply to a subspecies of a species that is demonstrably secure globally (G5) but the subspecies warrants a rank of T1, critically imperiled.

Virginia Natural Heritage Resources ranking:

S1 = Extremely rare and critically imperiled; 5 or fewer remaining individuals in Virginia; or some factor(s) making it especially vulnerable to extirpation in Virginia.

S2 = Very rare and imperiled; 6 to 20 occurrences or few remaining individuals remaining in Virginia; or some factor(s) making it vulnerable to extirpation in Virginia. S3 = Rare or uncommon in Virginia with between 20 and 100 occurrences.

S4 = Common and apparently secure with more than 100 occurrences; may be rare in parts of its range.

S5 = Very common and demonstrably secure in Virginia.

SH = Formerly part of the Virginia biota/fauna with expectation of rediscovery.

SX = Believed extirpated from Virginia with virtually no likelihood of rediscovery.

SE = Exotic; not believed to be a native component of Virginia's flora.

SR = Reported for Virginia, but without persuasive documentation which would provide a basis for either accepting or rejecting the report.

SRF = Reported for Virginia, but with convincing evidence that the report was in error.

SU = Possibly rare, but status uncertain and more data needed.

S_? = Rank uncertain.

S_S_ = Rank uncertain, but considered to be within the indicated range of ranks.

S_B/S_N = Breeding and non-breeding status of an animal (primarily, birds) in Virginia, when they differ.

SZN = Long distance migrant whose occurrences outside of the breeding season are not monitored; or species whose wintering populations are transitory and usually do not occur regularly at specific localities.

SN? = Long distance migrant that has been recorded north and south of Virginia waters and should eventually be found along the coast of Virginia.

SA = State accidental; not a regular member of the Virginia fauna but recorded in the state at least once.

North Carolina ranking:

S1 = Critically imperiled in North Carolina because of extreme rarity or other wise very vulnerable to extirpation in the state.

S2 = Imperiled in North Carolina because of rarity or other wise vulnerable to extirpation in the state.

S3 = Rare or uncommon in North Carolina.

S4 = Apparently secure in North Carolina with many occurrences.

S5 = Demonstrably secure in North Carolina and essentially ineradicable under present conditions.

SA = Accidental or casual; one to several records for North Carolina, but the state is outside the normal range of the species.

SH = Of historical occurrence in North Carolina, perhaps not having been verified in the past 25 years, and suspected to be still extant in the state.

SR = Reported from North Carolina, but without persuasive documentation for either accepting or rejecting the report.

SX = Believed to be extirpated from North Carolina.

SU = Possibly in peril in North Carolina, but status uncertain.

S? = Unranked, or rank uncertain.

S_B Rank of breeding population in the state. Used for migratory species only.

S_N = Rank of non-breeding population in the state. Used for migratory species only.

SZ_ = Population is not of significant conservation concern; applies to transitory, migratory species.

Federal Status

Federal statuses are designated by the US Fish and Wildlife Service.

LE	Listed Endangered	Threatened with extinction
LT	Listed Threatened	Likely to become endangered in the foreseeable future
PE	Proposed Endangered	Proposed for listing as endangered
PT	Proposed Threatened	Proposed for listing as threatened
C	Candidate	Enough information for listing, but of lesser priority
FSC	Federal "Species of Concern"	Also known as "Species at Risk"; formerly as "Candidate 2"

State Status

Virginia

Virginia statuses are designated under authority of the Virginia Department of Game and Inland Fisheries (all animals except insects) and Virginia Department of Agriculture and Consumer Services (insects and plants).

LE	Listed Endangered
LT	Listed Threatened
PE	Proposed Endangered
PT	Proposed Threatened
C	Candidate for listing as threatened or endangered
SC	Special Concern; animals that merit special concern (not legal category)

North Carolina

North Carolina statuses are provided by the NC Natural Heritage Program and differ for plants and animals.

NC Plant Status determined by the Plant Conservation Program (NC Department of Agriculture) and the Natural Heritage Program (NC Department of Environment and Natural Resources).

E	Endangered	Threatened with extinction
T	Threatened	Likely to become endangered in the foreseeable future
SC	Special Concern	Not listed as Threatened or Endanger; may be collected and sold only under specific regulations

C	Candidate	Very rare in NC and also rare throughout their ranges or disjunct in NC from a main range in a different part of the country or world.
SR	Significantly Rare	Vary rare in NC, but more common elsewhere
-L	Limited	Limited to NC and adjacent states, but fewer than 50 populations rangewide
-T	Throughout	Rare throughout their ranges (fewer than 100 populations total)
-D	Disjunct	Disjunct to NC from a main range in a different part of the country or world
-P	Peripheral	At the periphery of its range in NC, more common elsewhere
-O	Other	Sporadic or cannot be described by the other categories
P_	Proposed	Formally proposed for listing as Endangered, Threatened, or Special Concern, but not yet completed listing process

NC animal statuses are determined by the Wildlife Resources Commission and the Natural Heritage Program.

E	Endangered	Threatened with extinction
T	Threatened	Likely to become endangered in the foreseeable future
SC	Special Concern	Not listed as Threatened or Endanger; may be taken only under special regulations
SR	Significantly Rare	Not listed as Endangered, Threatened, or Special Concern, but exist in the state in small numbers and determined to need monitoring
EX	Extirpated	A species which is no longer believed to occur in the state
P	Proposed	Proposed by a Scientific Council as a status different from the current status, but not yet adopted by the Wildlife Resources Commission

Species of Concern and on State Watch Lists on the: Great Dismal Swamp National Wildlife Refuge

Federally Listed, Proposed and Candidate Species

Bald Eagle, *Haliaeetus leucocephalus* LT
Red-cockaded woodpecker, *Picoides borealis* LE

Federal Species of Concern

Dismal Swamp green stink bug, *Chorochroa dismalia*, G2
Scarce swamp skipper or Duke's skipper, *Duphyes dukesi*, G3
Virginia least trillium, *Trillium pusillum* var. *virginianum*, G3T2

State Species of Concern and Watch List Species (in addition to above)

Birds

Pied-billed grebe, *Gavia immer* G5 S1S2B/S3N
 American bittern, *Botaurus lentiginosus*, G4 S1B/S2N
 Great egret, *Ardea alba*G5 S2B/S3N SC
 Snowy egret, *Egretta thula*, G5 S2B/S3N
 Little blue heron, *Egretta caerulea*, G5 S2B/S2N SC
 Yellow crowned night heron, *Nyctanassa violacea*, G5 S2 S3B/S3N SC
 White ibis, *Eudocimus albus*, G5 S1B/S4N
 Blue-winged teal, *Anas discors*, G5 S1B/S2N
 Gadwall, *Anas strepera*, G5 S2B/S3N
 Common merganser, *Mergus merganser*, G5 S1B/S4N
 Northern Harrier, *Circus cyaneus*, G5 S1B/S3S4N SC
 King rail, *Rallus elegans*, G4 G5 S2B/S3N
 Sora, *Porzana carolina*, G5 S1B S2N
 Common moorhen, *Gallinula chloropus*, G5 S1B/S1N
 American coot, *Fulica americana*, G5 S1B/S5N
 Spotted sandpiper, *Actitis macularia*, G5 S2B/S2N
 Caspian tern, *Sterna caspia*, G5 S1B/S2N SC
 Royal tern, *Sterna maxima*, G5 S2B/S2N
 Yellow-bellied sapsucker, *Sphyrapicus varius*, G5 S1B/S4N
 Red-breasted nuthatch, *Sitta canadensis*, G5 S2B/S4N SC
 Winter wren, *Troglodytes troglodytes*
 Golden-crowned kinglet, *Regulus satrapa*, G5 S2B/S5N SC
 Swainson's thrush, *Catharus ustulatus*, G5 S1B/S2N
 Hermit thrush, *Catharus guttatus*, G5 S1B/S5N SC
 Loggerhead shrike, *Lanius ludovicianus*, G4 S2B/S3N LT
 Magnolia warbler, *Dendroica magnolia*, G5 S2B/S2N
 Blackburnian warbler, *Dendroica fusca*, G5, S2B/S2N
 Swainson's warbler, *Limnothlypis swainsonii*, G4 S2B/S2N SC
 Swamp sparrow, *Melospiza georgiana*, G5, S1B/S4N S5N
 Purple finch, *Carpodacus purpureus*, G5 S1B/S5N SC

Butterflies

White-cedar hairstreak, *Callophrys hesseli*, G3 G4 S1

Damselflies

Blackwater bluet, *Enallagma weewa*, G5 S2
 Pale bluet, *Enallagma pallidum*, G4 S1
 Burgundy bluet, *Enallagma dubium*, G5 S2
 Southern sprite, *Nehalennia integricollis*, G5 S2

Dragonflies

Two-striped forceptail, *Aphylla williamsoni* G5 S1
 Stripe winged baskettail, *Epithea costalis*, G4 S2

Robust baskettail, *Epitheca spinosa* G4 S2
Fine lined emerald, *Somatochlora filosa*, G5 S1S2
Treetop emerald, *Somatochlora provocans*, G4 S2
Jane's meadowhawk, *Sympetrum janeae*, G5 SH

Fish

Banded sunfish, *Enneacanthus obesus*, G5 S3

Mammals

Dismal Swamp southeastern shrew, *Sorex longirostris fisheri*, G5T4 S2 LT
Eastern big-eared bat, *Plecotus rafinescruci*, G3G4 S2 LE
Canebrake rattlesnake, *Crotalus horridus articaudatus*, G4 TUQ S1

Frogs and Toads

Oak toad, *Bufo quercicus*, G5 S1S2 SC
Carpenter frog, *Rana virgatipes*, G5 S3

Salamanders and Other Amphibians

Greater siren, *Siren lacertian*, G5 S3
Many-lined salamander, *Stereochilus marginatus*, G5 S3

Shrubs

Sheep laurel, *Kalmia augustifolia*, G5 S2
Silky Camellia, *Stewartia malacodendron*, G4 S3

Plants

Purple bladderwort, *Utricularia purpurea*, G5 S2

Nansemond National Wildlife Refuge

Northern diamond-backed terrapin, *Malaclemys terrapin terrapin*, G4T4 S4