

Priority Species* for the South Carolina State Comprehensive Wildlife Conservation Plan

Revised October 18, 2004

To satisfy Required Element 1, we had to create a priority species list. To arrive at this list, taxa experts were consulted who took into consideration the following criteria: state or federal status/rank, feasibility of South Carolina making a difference to the conservation of the species, population status (if known), distribution in the state, limiting factors affecting the species, the degree of exploitation/harvest, and the severity of threats faced by the species. Based upon professional judgment and scientific literature, species were scored and some were added or deleted to the list during the process. In the end, a list of species, most in need of management, was formed. What follows is that list. Please remember that this is a DRAFT, meaning that species are still under review in some categories. Check back often for updates.

*Species (including insects, marine fish, and marine invertebrates) will be added or deleted as new information becomes available.

MAMMALS OF CONSERVATION CONCERN

SCIENTIFIC NAME	COMMON NAME
<i>Clethrionomys gapperi</i>	Southern red-backed vole
<i>Condylura cristata</i>	Star-nosed mole
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat
<i>Lasiurus intermedius</i>	Northern yellow bat
<i>Microtus pennsylvanicus</i>	Meadow vole
<i>Myotis austroriparius</i>	Southeastern bat
<i>Myotis leibii</i>	Eastern small-footed bat
<i>Napaeozapus insignis</i>	Woodland jumping mouse
<i>Neotoma floridana</i>	Eastern woodrat
<i>Parascalops breweri</i>	Hairy-tailed mole
<i>Sciurus niger</i>	Eastern fox squirrel
<i>Sorex cinereus</i>	Masked shrew
<i>Sorex hoyi winnemana</i>	Southern pygmy shrew
<i>Spilogale putorius</i>	Eastern spotted skunk
<i>Sylvilagus aquaticus</i>	Swamp rabbit
<i>Sylvilagus obscurus</i>	Appalachian (New England) cottontail
<i>Mustela vison</i>	Mink
 (MARINE)	
<i>Kogia breviceps</i>	Pygmy sperm whale
<i>Kogia simus</i>	Dwarf sperm whale
<i>Megaptera novaeangliae</i>	Humpback whale
<i>Trichechus manatus</i>	West Indian manatee
<i>Tursiops truncatus</i>	Bottlenose dolphin
<i>Eubaleana glacialis</i>	Atlantic right whale

BIRDS OF CONSERVATION CONCERN

LANDBIRD GROUP

SCIENTIFIC NAME	COMMON NAME
<i>Elanoides forficatus</i>	Swallow-tailed kite
<i>Haliaeetus leucocephalus</i>	Bald eagle
<i>Falco peregrinus</i>	Peregrine falcon
<i>Falco sparverius paulus</i>	American kestrel (Southeastern race)
<i>Bonasa umbellus</i>	Ruffed grouse
<i>Colinus virginianus</i>	Northern bobwhite
<i>Columbina passerina</i>	Common ground-dove
<i>Tyto alba</i>	Barn owl
<i>Picoides borealis</i>	Red-cockaded woodpecker
<i>Tyrannus dominicensis</i>	Gray kingbird
<i>Empidonax vireescens</i>	Acadian flycatcher
<i>Contopus virens</i>	Eastern wood-pewee
<i>Corvus corax</i>	Common raven
<i>Sitta canadensis</i>	Red-breasted nuthatch
<i>Sitta pusilla</i>	Brown-headed nuthatch
<i>Thryomanes bewickii</i>	Bewick's wren
<i>Hylocichla mustelina</i>	Wood thrush
<i>Regulus satrapa</i>	Golden-crowned kinglet
<i>Lanius ludovicianus</i>	Loggerhead shrike
<i>Limnothlypis swainsonii</i>	Swainson's warbler
<i>Helmitheros vermivorus</i>	Worm-eating warbler
<i>Dendroica petechia</i>	Yellow warbler
<i>Dendroica caerulescens</i>	Black-throated blue warbler

<i>Dendroica virens waynei</i> race)	Black-throated green warbler (Wayne's)
<i>Dendroica pensylvanica</i>	Chestnut-sided warbler
<i>Dendroica discolor</i>	Prairie warbler
<i>Seiurus motacilla</i>	Louisiana waterthrush
<i>Oporornis formosus</i>	Kentucky Warbler
<i>Sturnella magna</i>	Eastern meadowlark
<i>Euphagus carolinus</i>	Rusty blackbird
<i>Piranga olivacea</i>	Scarlet tanager
<i>Passerina ciris</i>	Painted bunting
<i>Loxia curvirostra</i>	Red crossbill
<i>Ammodramus savannarum</i>	Grasshopper sparrow
<i>Ammodramus henslowii</i>	Henslow's sparrow
<i>Ammospiza maritime</i>	Seaside sparrow
<i>Aimophila aestivalis</i>	Bachman's sparrow
<i>Junco hyemalis</i>	Dark-eyed junco
<i>Spizella pusilla</i>	Field sparrow

WATERFOWL AND ALLIES

SCIENTIFIC NAME	COMMON NAME
<i>Gavia immer</i>	Common Loon
<i>Podiceps auritus</i>	Horned Grebe
<i>Cygnus columbianus</i>	Tundra swan
<i>Anas platyrhynchos</i>	Mallard
<i>Anas rubripes</i>	Black duck
<i>Anas fulvigula</i>	Mottled duck*
<i>Anas acuta</i>	Northern pintail
<i>Anas discors</i>	Blue-winged teal
<i>Aix sponsa</i>	Wood duck
<i>Aythya americana</i>	Redhead
<i>Aythya collaris</i>	Ringneck
<i>Aythya valisineria</i>	Canvasback
<i>Aythya marila</i>	Greater scaup
<i>Aythya affinis</i>	Lesser scaup
<i>Melanitta deglandi</i>	White-winged scoter
<i>Melanitta perspicillata</i>	Surf scoter
<i>Melanitta nigra</i>	Black scoter

* introduced species

BREEDING SHOREBIRD GROUP

SCIENTIFIC NAME	COMMON NAME
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<i>Rynchops niger</i>	Black skimmer
<i>Sterna sandvicensis</i>	Sandwich tern
<i>Sterna maxima</i>	Royal tern
<i>Sterna antillarum</i>	Least tern
<i>Sterna hirundo</i>	Common tern
<i>Sterna nilotica</i>	Gull-billed tern
<i>Sterna forsteri</i>	Forster's tern
<i>Larus atricilla</i>	Laughing gull
<i>Charadrius wilsonia</i>	Wilson's plover
<i>Pelicanus occidentalis</i>	Eastern brown pelican
<i>Haematopus palliatus</i>	American oystercatcher
<i>Catoptrophorus semipalmatus</i>	Willet
<i>Himantopus mexicanus</i>	Black-necked stilt

BREEDING WADING BIRD GROUP

SCIENTIFIC NAME	COMMON NAME
<i>Anhinga anhinga</i>	Anhinga
<i>Ardea herodias</i>	Great blue heron
<i>Egretta caerulea</i>	Little blue heron
<i>Bubulcus ibis</i>	Cattle egret
<i>Ardea alba</i>	Great egret
<i>Egretta thula</i>	Snowy egret
<i>Egretta tricolor</i>	Louisiana (Tri-colored) heron
<i>Nycticorax nycticorax</i>	Black-crowned night heron
<i>Nyctanassa violacea</i>	Yellow-crowned night heron
<i>Ixobrychus exilis</i>	Least bittern
<i>Mycteria americana</i>	Wood stork
<i>Plegadis falcinellus</i>	Glossy ibis
<i>Eudocimus albus</i>	White ibis
<i>Phalacrocorax auritus</i>	Double-crested cormorant (breeding populations only)
<i>Butorides virescens</i>	Green heron

NON-BREEDING (WINTERING OR TRANSIENTS) SHOREBIRD GROUP

SCIENTIFIC NAME	COMMON NAME
<i>Charadrius melodus</i>	Piping plover

<i>Charadrius semipalmatus</i>	Semipalmated plover
<i>Pluvialis squatarola</i>	Black-bellied plover
<i>Pluvialis dominica</i>	American golden plover
<i>Actitis macularia</i>	Spotted sandpiper
<i>Tryngites subruficollis</i>	Buff-breasted sandpiper
<i>Bartramia longicauda</i>	Upland sandpiper
<i>Calidris fuscicollis</i>	White-rumped sandpiper
<i>Calidris pusilla</i>	Semipalmated sandpiper
<i>Calidris melanotos</i>	Pectoral sandpiper
<i>Calidris mauri</i>	Western sandpiper
<i>Calidris maritima</i>	Purple sandpiper
<i>Calidris minutilla</i>	Least sandpiper
<i>Calidris himantopus</i>	Stilt sandpiper
<i>Calidris alba</i>	Sanderling
<i>Calidris canutus</i>	Red knot
<i>Tringa solitaria</i>	Solitary sandpiper
<i>Recurvirostra americana</i>	American avocet
<i>Tringa melanoleuca</i>	Greater yellowlegs
<i>Tringa flavipes</i>	Lesser yellowlegs
<i>Calidris alpina</i>	Dunlin
<i>Limnodromus griseus</i>	Short-billed dowitcher
<i>Limnodromus scolopaceus</i>	Long-billed dowitcher
<i>Numenius phaeopus</i>	Whimbrel
<i>Numenius americanus</i>	Long-billed curlew
<i>Limosa fedoa</i>	Marbled godwit

MARSH BIRD GROUP

SCIENTIFIC NAME	COMMON NAME
<i>Coturnicops noveboracensis</i>	Yellow rail
<i>Laterallus jamaicensis</i>	Black rail
<i>Rallus elegans</i>	King rail
<i>Ixobrychus exilis</i>	Least bittern
<i>Botaurus lentiginosus</i>	American bittern
<i>Podilymbus podiceps</i>	Pied-billed grebe (breeding populations)
<i>Fulica americana</i>	American coot (breeding populations)
<i>Gallinago gallinagodelicata</i>	Common (Wilson's) snipe
<i>Scolopax minor</i>	American woodcock
<i>Porphyryula martinica</i>	Purple gallinule

HERPETOFAUNA OF CONSERVATION CONCERN

SCIENTIFIC NAME	COMMON NAME
<i>Alligator mississippiensis</i>	American alligator

<i>Kinostemon baurii</i>	Striped mud turtle
<i>Malaclemys terrapin</i>	Diamondback terrapin
<i>Clemmys guttata</i>	Spotted turtle
<i>Glyptemys muhlenbergii</i>	Bog turtle
<i>Deirochelys reticularia</i>	Chicken turtle
<i>Pseudemys floridana</i>	Florida cooter
<i>Pseudemys concinna</i>	River cooter
<i>Trachemys scripta</i>	Yellowbelly turtle
<i>Gopherus polyphemus</i>	Gopher tortoise
<i>Apalone ferox</i>	Florida softshell turtle
<i>Apalone spinifera</i>	Spiny softshell turtle
<i>Eumeces anthracinus</i>	Coal skink
<i>Ophisaurus attenuatus</i>	Slender glass lizard
<i>Ophisaurus compressus</i>	Island glass lizard
<i>Ophisaurus mimicus</i>	Mimic glass lizard
<i>Nerodia floridana</i>	Florida green water snake
<i>Seminatrix pygaea</i>	Black swamp snake
<i>Rhadinea flavilata</i>	Pine woods snake
<i>Heterodon simus</i>	Southern hognose snake
<i>Pituophis melanoleucus melanoleucus</i>	Pine snake
<i>Pituophis melanoleucus mugitus</i>	Florida pine snake
<i>Lampropeltis triangulum triangulum</i>	Eastern milk snake
<i>Crotalus adamanteus</i>	Eastern diamondback rattlesnake
<i>Crotalus horridus</i>	Timber rattlesnake (mountain race)
<i>Micrurus fulvius</i>	Coral snake
<i>Pseudobranchius striatus striatus</i>	Broad-striped dwarf siren
<i>Cryptobranchius alleganiensis</i>	Hellbender
<i>Ambystoma cingulatum</i>	Flatwoods salamander
<i>Ambystoma tigrinum</i>	Tiger salamander
<i>Desmognathus aeneus</i>	Seepage salamander
<i>Desmognathus (Leurognathus) marmoratus</i>	Shovel-nosed salamander
<i>Aneides aeneus</i>	Green salamander
<i>Pseudotriton m. flavissimus</i>	Gulf Coast mud salamander
<i>Plethodon websteri</i>	Webster's salamander
<i>Plethodon jordani</i>	Jordan's salamander
<i>Hemidactylium scutatum</i>	four-toed salamander
<i>Eurycea chamberlaini</i>	Chamberlain's dwarf salamander
<i>Hyla andersonii</i>	pine barrens treefrog
<i>Hyla avivoca</i>	bird-voiced treefrog
<i>Pseudacris triseriata</i>	upland chorus frog
<i>Acris crepitans</i>	Northern cricket frog
<i>Rana capito capito</i>	Carolina gopher frog
<i>Rana palustris</i>	pickerel frog
<i>Rana sylvatica</i>	wood frog
<i>Desmognathus auriculatus</i>	Southern dusky salamander
<i>Chelydra serpentina</i>	Common snapping turtle

(MARINE)

<i>Caretta caretta</i>	loggerhead sea turtle
<i>Chelonia mydas</i>	green sea turtle
<i>Lepidochelys kempii</i>	Kemp's Ridley sea turtle
<i>Dermodochelys coriacea</i>	leatherback sea turtle
<i>Eretmodochelys imbricata</i>	hawksbill sea turtle

**FRESHWATER FISH OF CONSERVATION CONCERN
(DRAFT)**

SCIENTIFIC NAME	COMMON NAME
<i>Ameiurus catus</i>	White catfish
<i>Lepisosteus platyrhinchus</i>	Florida gar
<i>Salvelinus fontinalis</i>	Brook trout
<i>Campostoma anomalum</i>	Stoneroller
<i>Cyprinella analostana</i>	Satinfin shiner
<i>Cyprinella galacturus</i>	Whitetail shiner
<i>Cyprinella leedsi</i>	Bannerfin shiner
<i>Cyprinella pyrrhomelas</i>	Fieryblack shiner
<i>Cyprinella labrosa</i>	Thicklip chub
<i>Cyprinella spp. (c. f. zanema)</i>	"Thinlip" chub
<i>Hybopsis zanema</i>	Santee chub
<i>Luxilus coccogenis</i>	Warpaint shiner
<i>Nocomis micropogon</i>	River chub
<i>Notropis alborus</i>	Whitemouth shiner
<i>Notropis amoenus</i>	Comely shiner
<i>Notropis bifrenatus</i>	Bridle shiner
<i>Notropis chiliticus</i>	Redlip shiner
<i>Notropis chlorocephalus</i>	Greenhead shiner
<i>Notropis leuciodus</i>	Tennessee shiner
<i>Notropis maculatus</i>	Taillight shiner
<i>Notropis spectrunculus</i>	Mirror shiner
<i>Pteronotropsis stonei</i>	Lowland shiner
<i>Hybopsis hypinotus</i>	Highback chub
<i>Hybopsis rubrifrons</i>	Rosyface chub
<i>Opsopoeodus emiliae</i>	Pugnose minnow
<i>Rhinichthys atratulus</i>	Blacknose dace
<i>Rhinichthys cataractae</i>	Longnose dace
<i>Semotilus lumbee</i>	Sandhills chub
<i>Carpiodes cyprinus</i>	Quillback
<i>Carpiodes velifer</i>	Highfin carpsucker
<i>Moxostoma collapsum</i>	Notchlip redhorse
<i>Moxostoma macrolepidotum</i>	Shorthead redhorse

<i>Moxostoma pappillosum</i>
<i>Moxostoma robustum</i>
<i>Moxostoma sp.</i>
<i>Ameiurus brunneus</i>
<i>Ameiurus platycephalus</i>
<i>Noturus spp.</i>
<i>Fundulus chrysotus</i>
<i>Fundulus diaphanus</i>
<i>Fundulus pulvereus</i>
<i>Lucania goodei</i>
<i>Heterandria formosa</i>
<i>Ambloplites rupestris</i>
<i>Elassoma boehlkei</i>
<i>Elassoma okatie</i>
<i>Enneacanthus chaetodon</i>
<i>Micropterus coosae</i>
<i>Etheostoma collis</i>
<i>Etheostoma flabellare</i>
<i>Etheostoma fricksium</i>
<i>Etheostoma hopkinsi</i>
<i>Etheostoma inscriptum</i>
<i>Etheostoma mariae</i>
<i>Etheostoma saluda</i>
<i>Etheostoma thalassinum</i>
<i>Etheostoma zonale</i>
<i>Percina crassa</i>
<i>Percina nigrofasciata</i>
<i>Cottus bairdi</i>

V-lip redhorse
Robust redhorse
"Carolina redhorse"
Snail bullhead
Flat bullhead
Broadtail madtom
Golden topminnow
Banded killifish
Bayou killifish
Bluefin killifish
Least killifish
Rock bass
Carolina pygmy sunfish
Bluebarred pygmy sunfish
Blackbanded sunfish
Redeye bass
Carolina darter
Fantail darter
Savannah darter
Christmas darter
Turquoise darter
Pinewoods darter
Saluda darter
Seagreen darter
Banded Darter
Piedmont darter
Blackbanded darter
Smokey sculpin

DIADROMOUS FISH OF CONSERVATION CONCERN (DRAFT)

SCIENTIFIC NAME	COMMON NAME
<i>Anquilla rostrata</i>	American eel
<i>Acipenser brevirostrum</i>	Shortnose sturgeon
<i>Acipenser oxyrhynchus</i>	Atlantic sturgeon
<i>Alosa mediocris</i>	Hickory shad
<i>Alosa sapidissima</i>	American shad
<i>Morone saxatilis</i>	Striped bass
<i>Fundulus confluentus</i>	Marsh killifish
<i>Lucania parva</i>	Rainwater killifish
<i>Poecilia latipinna</i>	Sailfin molly
<i>Agonostomus monticola</i>	Mountain mullet
<i>Dormitator maculatus</i>	Fat sleeper
<i>Eleotris pisonis</i>	Spinycheek sleeper
<i>Gobionellus boleosoma</i>	Darter goby

Gobionellus shufeldti
Petromyzon marinus
Alosa aestivalis

Freshwater gobie
 Sea lamprey
 Blueback herring

FRESHWATER SNAILS OF CONSERVATION CONCERN

SCIENTIFIC NAME	COMMON NAME
<i>Somatogyrus tenax</i>	Savannah pebblesnail
<i>Lioplax subcarinata</i>	Ridged lioplax
<i>Physa species "A"</i>	a snail

CRAYFISH OF CONSERVATION CONCERN

SCIENTIFIC NAME	COMMON NAME
<i>Cambarus species "B"</i>	a crayfish
<i>Cambarus carolinus</i>	Red burrowing crayfish
<i>Cambarus chaugaensis</i>	Oconee stream crayfish
<i>Cambarus hobbsorum</i>	Rocky River crayfish
<i>Cambarus lenati</i>	Broad River stream crayfish
<i>Cambarus nodosus</i>	a crayfish
<i>Cambarus reburrus</i>	French Broad River crayfish
<i>Cambarus reflexus</i>	a crayfish
<i>Cambarus sp. A (cf. C howardi)</i>	a crayfish
<i>Cambarus spicatus</i>	Broad River spiny crayfish
<i>Distocambarus carlsoni</i>	Mimic crayfish
<i>Distocambarus crockeri</i>	a crayfish
<i>Distocambarus hunteri</i>	a crayfish
<i>Distocambarus youngineri</i>	a crayfish
<i>Faxonella clypeata</i>	Ditch fencing crayfish
<i>Procambarus ancylus</i>	Edisto crayfish
<i>Procambarus barbatus</i>	a crayfish
<i>Procambarus blandingii</i>	Santee crayfish
<i>Procambarus braswelli</i>	Waccamaw crayfish
<i>Procambarus chacei</i>	a crayfish
<i>Procambarus echinatus</i>	a crayfish
<i>Procambarus enoplosternum</i>	a crayfish
<i>Procambarus hirsutus</i>	a crayfish
<i>Procambarus lepidodactylus</i>	Pee Dee lotic crayfish
<i>Procambarus lunzi</i>	a crayfish
<i>Procambarus pearsei</i>	Sandhills crayfish
<i>Procambarus pubescens</i>	a crayfish

FRESHWATER MUSSELS OF CONSERVATION CONCERN

SCIENTIFIC NAME	COMMON NAME
<i>Anodonta couperiana</i>	Barrel floater
<i>Anodonta implicata</i>	Alewife floater
<i>Strophitus undulatus</i>	Creeper mussel
<i>Alasmidonta varicosa</i>	Brook floater
<i>Alasmidonta undulata</i>	Triangular floater
<i>Lasmigona decorata</i>	Carolina heelsplitter
<i>Fusconaia masoni</i>	Atlantic pigtoe
<i>Elliptio complanata</i>	Eastern elliptio
<i>Elliptio congaraea</i>	Carolina slabshell
<i>Elliptio icterina</i>	Variable spike
<i>Elliptio fraterna</i>	Brother spike
<i>Elliptio angustata</i>	Carolina lance
<i>Elliptio producta</i>	Atlantic spike
<i>Elliptio folliculata</i>	Pod lance
<i>Elliptio roanokensis</i>	Roanoke slabshell
<i>Elliptio waccanawensis</i>	Waccamaw spike
<i>Leptodea ochracea</i>	Tidewater mucket
<i>Toxolasma pullus</i>	Savannah lilliput
<i>Ligumia nasuta</i>	Eastern pondmussel
<i>Villosa vibex</i>	Southern rainbow
<i>Villosa delumbis</i>	Eastern creekshell
<i>Villosa constricta</i>	Notched rainbow
<i>Villosa vaughaniana</i>	Carolina creekshell
<i>Lampsilis radiata</i>	Eastern lampmussel*
<i>Lampsilis splendida</i>	Rayed Pink fatmucket*
<i>Lampsilis cariosa</i>	Yellow lampmussel

*may be same species