# SOUTH CAROLINA LIST OF AT-RISK, CANDIDATE, ENDANGERED, AND THREATENED SPECIES BY COUNTY TABLE OF CONTENTS

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#### **ABBEVILLE COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS	
Amphibians		N	one Found		
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season	
Crustaceans	Mimic crayfish (ARS	Distocambarus calsoni			
Fishes		N	one Found		
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April	
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful	
iviammais	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter	
Mollusks	None Found				
Plants	Georgia aster (ARS*)	Symphotrichum georgianum	Early October-mid November		
Reptiles	None Found				

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

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T Federally Threatened

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## **AIKEN COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amanhihiana	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
Amphibians	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		None F	ound	
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
	Frosted elfin (ARS)	Callophrys irus	March-June	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
Mammals	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		None F	ound	
	Bog spicebush (ARS)	Lindera subcoriacea	March-August	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Plants	Harperella (E)	Ptilimnium nodosum	July-October	survey in periods of low water
Pidilts	Ocmulgee skullcap (ARS)	Scutellaria ocmulgee	Late June-early October	
	Relict trillium (E)	Trillium reliquum	Mid-March-April	
	Smooth coneflower (E)	Echinacea laevigata	Late May-October	
	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of year	
Reptiles	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

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## **ALLENDALE COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		N	one Found	
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Calvert's Emerald (ARS)	Somatochlora calverti	Year round	Active: mid-June-late August
ilisects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mollusks		N	one Found	
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
	Boykin's lobelia (ARS)	Lobelia boykinii	May-August	
Plants	Canby's dropwort (E)	Oxypolis canbyi	Mid-August-September	
Platits	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Smooth coneflower (E)	Echinacea laevigata	Late May-October	
	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of year	
Reptiles	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

## **ALLENDALE COUNTY**

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#### ANDERSON COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians		N	lone Found	
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Crustaceans	Mimic crayfish (ARS)	Distocambarus carlsoni	November-April	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		N	lone Found	
	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid	
Plants	Georgia aster (ARS )	Symphyothenam georgianam	November	
	Smooth coneflower (E)	Echinacea laevigata	Late May-October	
Reptiles		N	Ione Found	

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## **BAMBERG COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
Divdo	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans			None Found	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
risiles	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks			None Found	
Plants	Boykin's lobelia (ARS)	Lobelia boykinii	May-August	
Plants	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
Pontilos	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

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## **BARNWELL COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
Ampinibians	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		None F	ound	
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		None F	ound	
	Bog spicebush (ARS)	Lindera subcoriacea	March-August	
	Boykin's lobelia (ARS)	Lobelia boykinii	May-July/August	
	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
Plants	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Harperella (E)	Ptilimnium nodosum	July-October	Survey in periods of low water
	Pondberry (E)	Lindera melissifolia	February-March	
	Smooth coneflower (E)	Echinacea laevigata	Late May-October	
Dantilaa	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of the year	
Reptiles	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

## **BARNWELL COUNTY**

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## **BEAUFORT COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Frosted flatwoods salamander (T, CH)	Ambystoma cingulatum	January 1-April 30	Larvae present in breeding ponds
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Black-capped petrel (ARS)	Pterodroma hasitata	April-October	Offshore water primarily
Birds	Eastern black rail (T)	Laterallus jamaicensis jamaicensis	April-June	Minimum of five surveys/survey point
Diras	Piping plover (T, CH)	Charadrius melodus	July 15-May 1	Migration and wintering
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
	Red knot (T)	Calidris canutus rufa	August 1-May 31	Migration and wintering
	Saltmarsh sparrow (ARS)	Ammospiza caudacuta	Fall/winter	Fall/winter surveys
Crustaceans		None F	ound	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Tisties	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
	Finback whale* (E)	Balaenoptera physalus*	November 1-April 30	Off the coast
	Humpback whale * (E)	Megaptera novaengliae	January 1-March 31	Migration off the coast
	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
Mammals	Right whale* (E)	Balaena glacialis	November 1-April 30	Off the coast
	Sei whale* (E)	Balaenoptera borealis		
	Sperm whale* (E)	Physeter macrocephalus		
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
	West Indian manatee (T)	Trichechus manatus	May 1-November 15	In coastal waters
Mollusks		None F	ound	

## **BEAUFORT COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
Plants	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	
	Pondberry (E)	Lindera melissifolia	February-March	
	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of year	
	Green sea turtle ** (T)	Chelonia mydas **	May 1-October 31	Nesting and hatching
Reptiles	Kemp's ridley sea turtle ** (E)	Lepidochelys kempii**	May 1-October 31	In coastal waters
	Leatherback sea turtle ** (E)	Dermochelys coriacea **	May 1-October 31	Nesting and hatching
	Loggerhead sea turtle ** (T, CH)	Caretta caretta **	May 1-October 31	Nesting and hatching
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

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## **BERKELEY COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Frosted flatwoods salamander (T, CH)	Ambystoma cingulatum	January 1-April 30	Larvae present in breeding ponds
Ampinbians	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
_	Saltmarsh sparrow (ARS)	Ammospiza caudacuta	Fall/winter	Fall/winter surveys
Crustaceans		1	e Found	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
1131163	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
	Frosted elfin (ARS)	Callophrys irus	March - June	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
	West Indian manatee (T)	Trichechus manatus	May 1-November 15	In coastal waters
Mollusks		Non	e Found	
	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
	Boykin's lobelia (ARS)	Lobelia boykinii	May-August	
	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
Dlanta	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Plants	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	
	Pondberry (E)	Lindera melissifolia	February-March	
	Raven's seedbox (ARS)	Ludwigia ravenii	June-October	
	Sun-facing coneflower (ARS)	Rudbeckia heliopsidis	July-September	
Pontilos	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

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#### **CALHOUN COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS		
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February		
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season		
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season		
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season		
Crustaceans	None Found					
Fielder	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C		
Fishes	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration		
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April		
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter		
Mollusks	None Found					
Plants	None Found					
Reptiles		None	e Found			

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## **CHARLESTON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Frosted flatwoods salamander (T, CH)	Ambystoma cingulatum	January 1-April 30	Larvae present in breeding ponds
	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
	Bachman's warbler (E)	Vermivora bachmanii	May 1-June 15	Breeding
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Black-capped petrel (ARS)	Pterodroma hasitata	April-October	Offshore water primarily
Birds	Eastern black rail (T)	Laterallus jamaicensis jamaicensis	April-June	Minimum of five surveys/survey point
	Piping plover (T, CH)	Charadrius melodus	July 15-May 1	Migration and wintering
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
	Red knot (T)	Calidris canutus rufa	August 1-May 31	Migration and wintering
	Saltmarsh sparrow (ARS)	Ammospiza caudacuta	Fall/winter	Fall/winter surveys
Crustaceans		None F	T	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
	Frosted elfin (ARS)	Callophrys irus	March - June	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
	Finback whale* (E)	Balaenoptera physalus*	November 1-April 30	Off the coast
	Humpback whale * (E)	Megaptera novaengliae	January 1-March 31	Migration off the coast
	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
	Right whale* (E)	Balaena glacialis	November 1-April 30	Off the coast
Mammals	Sei whale* (E)	Balaenoptera borealis		
	Sperm whale* (E)	Physeter macrocephalus		
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
	West Indian manatee (T)	Trichechus manatus	May 1-November 15	In coastal waters
Mollusks		None F	ound	

## **CHARLESTON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
	Boykin's lobelia (ARS)	Lobelia boykinii	May-July/August	
Plants	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
Plants	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	
	Pondberry (E)	Lindera melissifolia	February-March	
	Seabeach amaranth (T)	Amaranthus pumilus	July-October	
	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
	Green sea turtle ** (T)	Chelonia mydas **	May 1-October 31	Nesting and hatching
Reptiles	Kemp's ridley sea turtle ** (E)	Lepidochelys kempii**	May 1-October 31	In coastal waters
Reptiles	Leatherback sea turtle ** (E)	Dermochelys coriacea **	May 1-October 31	Nesting and hatching
	Loggerhead sea turtle ** (T, CH)	Caretta caretta **	May 1-October 31	Nesting and hatching
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

\* Contact National Marine Fisheries Service (NMFS) for more information on this species.

\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

ARS Species that the FWS has been petitioned to list and for which a positive 90-day finding has been issued (listing may be warranted); information

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ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

These lists should be used only as a guideline, not as the final authority. The lists include known occurrences and areas where the species has a high possibility of occurring. Records are updated as deemed necessary and may differ from earlier lists.

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## **CHEROKEE COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Birds			None Found	
Crustaceans			None Found	
Fishes			None Found	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Marranala	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks			None Found	
·	Dwarf-flowered heartleaf (T)	Hexastylis naniflora	March-May	
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Reptiles			None Found	

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\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

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ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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#### **CHESTER COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Bilus	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans	None Found			
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March - April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Reptiles			None Found	

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\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

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CH Critical Habitat

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T Federally Threatened

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## **CHESTERFIELD COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Biras	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans			None Found	
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
	Frosted elfin (ARS)	Callophrys irus	March - June	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
	Septima's clubtail (ARS)	Gomphus septima	Year round	Active: May-August
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window
	Boykin's lobelia (ARS)	Lobelia boykinii	May-August	
Dianta	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
	Wire-leaved dropseed (ARS)	Sporobolus teretifolius	August-September	Following fire
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

## **CHESTERFIELD COUNTY**

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## **CLARENDON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians		Nor	ne Found	
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		Nor	ne Found	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
risiles	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Frosted elfin (ARS)	Callophrys irus	March - June	
insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		Nor	ne Found	
	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
<b>.</b>	Boykin's lobelia (ARS)	Lobelia boykinii	May-August	
Plants	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Pontilos	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

## **CLARENDON COUNTY**

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## **COLLETON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
Amphibians	Frosted flatwoods salamander (T, CH)	Ambystoma cingulatum	January 1-April 30	Larvae present in breeding ponds
	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Black-capped petrel (ARS)	Pterodroma hasitata	April-October	offshore water primarily
Birds	Eastern black rail (T)	Laterallus jamaicensis jamaicensis	April-June	Minimum of five surveys/survey point
	Piping plover (T, CH)	Charadrius melodus	July 15-May 1	Migration and wintering
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
	Red knot (T)	Calidris canutus rufa	August 1-May 31	Migration and wintering
	Saltmarsh sparrow (ARS)	Ammospiza caudacuta	Fall/winter	Fall/winter surveys
Crustaceans		None	Found	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
risnes	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
	Finback whale* (E)	Balaenoptera physalus*	November 1-April 30	Off the coast
	Humpback whale * (E)	Megaptera novaengliae	January 1-March 31	Migration off the coast
	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
D.d.o.o.o.o.o.o.o.o.o.o.o.o.o.o.o.o.o.o.	Right whale* (E)	Balaena glacialis	November 1-April 30	Off the coast
Mammals	Sei whale* (E)	Balaenoptera borealis		
	Sperm whale* (E)	Physeter macrocephalus		
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
	West Indian manatee (T)	Trichechus manatus	May 1-November 15	In coastal waters
Mollusks	None Found			
	Boykin's lobelia (ARS)	Lobelia boykinii	May-July/August	
Plants	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
rialits	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	

## **COLLETON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
	Green sea turtle ** (T)	Chelonia mydas **	May 1-October 31	Nesting and hatching
Reptiles	Kemp's ridley sea turtle ** (E)	Lepidochelys kempii**	May 1-October 31	In coastal waters
	Leatherback sea turtle ** (E)	Dermochelys coriacea **	May 1-October 31	Nesting and hatching
	Loggerhead sea turtle ** (T, CH)	Caretta caretta **	May 1-October 31	Nesting and hatching
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

\* Contact National Marine Fisheries Service (NMFS) for more information on this species.

\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **DARLINGTON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians		None	e Found	
Divdo	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		None	e Found	
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		None	e Found	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Plants	Georgia leadplant (ARS)	Amorpha georgiana var. georgiana	Late April-October	
	Rough-leaved loosestrife (E)	Lysimachia asperulaefolia	Mid May-June	
Reptiles		None	e Found	

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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#### **DILLON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS		
Amphibians		None Found				
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season		
Biras	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season		
Crustaceans			None Found			
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration		
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C		
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration		
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April		
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter		
Mollusks			None Found			
Plants	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November			
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April			

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

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S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **DORCHESTER COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Dirus	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		N	lone Found	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
risnes	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammala	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		N	one Found	
Plants	Bog asphodel (ARS*)	Narthecium americanum	June-July	
	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
Reptiles	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

## **DORCHESTER COUNTY**

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CH Critical Habitat

E Federally Endangered

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S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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#### **EDGEFIELD COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS	
Amphibians	None Found				
Diad.	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season	
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season	
Crustaceans	None Found				
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April	
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter	
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November		
	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November		
Plants	Miccosukee gooseberry (T)	Ribes echinellum	June-September	Year round	
	Ocmulgee skullcap (ARS)	Scutellaria ocmulgee	Late June-early October		
	Relict trillium (E)	Trillium reliquum	Mid-March-April		
Reptiles			None Found		

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

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T Federally Threatened

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## **FAIRFIELD COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	None Found			
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Crustaceans	Broad River spiny crayfish (ARS)	Cambarus spicatus	November-April	
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	None Found			
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Reptiles	None Found			

\* Contact National Marine Fisheries Service (NMFS) for more information on this species.

\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

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ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **FLORENCE COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS	
Amphibians	None Found				
Birds	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season	
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season	
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season	
Crustaceans	None Found				
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration	
	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C	
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April	
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful	
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter	
Mollusks	None Found				
Plants	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire	
	Boykin's lobelia (ARS)	Lobelia boykinii	May-August		
	Cany's dropwort	Oxypolis canbyi	Mid-July-September		
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November		
	Georgia leadplant (ARS)	Amorpha georgiana var. georgiana	Late April-October		
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April		

## **FLORENCE COUNTY**

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **GEORGETOWN COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS	
Amphibians	None Found				
Birds	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season	
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season	
	Black-capped petrel (ARS)	Pterodroma hasitata	April-October	offshore water primarily	
	Eastern black rail (T)	Laterallus jamaicensis jamaicensis	April-June	Minimum of five surveys/survey point	
Bilds	Piping plover (T, CH)	Charadrius melodus	July 15-May 1	Migration and wintering	
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season	
	Red knot (T)	Calidris canutus rufa	August 1-May 31	Migration and wintering	
	Saltmarsh sparrow (ARS)	Ammospiza caudacuta	Fall/winter	Fall/winter surveys	
Crustaceans	None Found				
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration	
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C	
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration	
	Frosted elfin (ARS)	Callophrys irus	March - June		
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April	
	Finback whale* (E)	Balaenoptera physalus*	November 1-April 30	Off the coast	
Mammals	Humpback whale * (E)	Megaptera novaengliae	January 1-March 31	Migration off the coast	
	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful	
	Right whale* (E)	Balaena glacialis	November 1-April 30	Off the coast	
	Sei whale* (E)	Balaenoptera borealis			
	Sperm whale* (E)	Physeter macrocephalus			
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter	
	West Indian manatee (T)	Trichechus manatus	May 1-November 15	In coastal waters	
Mollusks	None Found				

## **GEORGETOWN COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Plants	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Pondberry (E)	Lindera melissifolia	February-March	
	Seabeach amaranth (T)	Amaranthus pumilus	July-October	
	Wire-leaved dropseed (ARS)	Sporobolus teretifolius	August-September	Following fire
Reptiles	Green sea turtle ** (T)	Chelonia mydas **	May 1-October 31	Nesting and hatching
	Kemp's ridley sea turtle ** (E)	Lepidochelys kempii**	May 1-October 31	In coastal waters
	Leatherback sea turtle ** (E)	Dermochelys coriacea **	May 1-October 31	Nesting and hatching
	Loggerhead sea turtle ** (T, CH)	Caretta caretta **	May 1-October 31	Nesting and hatching
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

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T Federally Threatened

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## **GREENVILLE COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS		
Amphibians		None Found				
Birds	Golden-winged warbler (ARS)	Vermivora chrysoptera	April-July (nesting surveys)	Spring/Fall migration; variable throughout State		
Crustaceans	Broad River spiny crayfish (ARS)	Cambarus spicatus	November-April			
Crustacearis	Mimic crayfish (ARS)	Distocambarus carlsoni	November-April			
Fishes		None I	ound			
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter populations departs: March- April		
	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges		
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful		
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter		
Mollusks		None I	ound			
	Bunched arrowhead (E)	Sagittaria fasiculata	Mid May-July			
	Carolina hemlock (ARS)	Tsuga caroliniana	Year around			
	Dwarf-flowered heartleaf (T)	Hexastylis naniflora	March-May			
	Mountain sweet pitcher plant (E)	Sarracenia rubra ssp. jonesii	April-October			
	Purple pitcher plant (ARS)	Sarracenia purpurea var. montana	April-May			
Plants	Rock gnome lichen (E)	Gymnoderma lineare	Year around			
1 10110	Small whorled pogonia (T)	Isotria medeoloides	Mid May-early July			
	Sun-facing coneflower (ARS)	Rudbeckia heliopsidis	July-September			
	Swamp pink (T)	Helonias bullata	April-May			
	White fringeless orchid (T)	Platanthera integrilabia	Late July-October			
	White irisette or Reflexed blue- eyed grass (E)	Sisyrinchium dichotomum	Late May-July			
Reptiles	Bog turtle (S/A, T)	Glyptemys muhlenbergii	April 15-September 15	Active period		

## **GREENVILLE COUNTY**

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

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### **GREENWOOD COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Crustaceans	Mimic crayfish (ARS)	Distocambarus calsoni		
Fishes	None Found			
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window
Dianta	Georgia aster (ARS*)	Symphotrichum georgianum	Early October-mid November	
Plants	Ravine sedge (ARS)	Carex impressinervia	April-May	
Reptiles			None Found	

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## **HAMPTON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians		None F	ound	
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		None F	ound	
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
Managala	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		None F	ound	
	Boykin's lobelia (ARS)	Lobelia boykinii	May-July/August	
Plants	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
Reptiles	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of year	
	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

### **HAMPTON COUNTY**

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## **HORRY COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS	
Amphibians	None Found				
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season	
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season	
	Black-capped petrel (ARS)	Pterodroma hasitata	April-October	Offshore water primarily	
Birds	Piping plover (T, CH)	Charadrius melodus	July 15-May 1	Migration and wintering	
2	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season	
	Red knot (T)	Calidris canutus rufa	August 1-May 31	Migration and wintering	
	Saltmarsh sparrow (ARS)	Ammospiza caudacuta	Fall/winter	Fall/winter surveys	
Crustaceans			None Found		
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration	
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C	
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April	
	Finback whale* (E)	Balaenoptera physalus*	November 1-April 30	Off the coast	
	Humpback whale * (E)	Megaptera novaengliae	January 1-March 31	Migration off the coast	
	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful	
	Right whale* (E)	Balaena glacialis	November 1-April 30	Off the coast	
Mammals	Sei whale* (E)	Balaenoptera borealis			
	Sperm whale* (E)	Physeter macrocephalus			
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter	
	West Indian manatee (T)	Trichechus manatus	May 1-November 15	In coastal waters	
Mollusks			None Found		

### **HORRY COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	
Diameter	Godfrey's stitchwort (ARS)	Minuartia godfreyi	April-June	
Plants	Harper's fimbristylis (ARS)	Fimbristylis perpusilla	July-September	
	Seabeach amaranth (T)	Amaranthus pumilus	July-October	
	Venus flytrap (ARS*)	Dionaea muscipula	May-June	
	Wire-leaved dropseed (ARS)	Sporobolus teretifolius	August-September	Following fire
	Green sea turtle ** (T)	Chelonia mydas **	May 1-October 31	Nesting and hatching
	Kemp's ridley sea turtle ** (E)	Lepidochelys kempii**	May 1-October 31	In coastal waters
Reptiles	Leatherback sea turtle ** (E)	Dermochelys coriacea **	May 1-October 31	Nesting and hatching
	Loggerhead sea turtle ** (T, CH)	Caretta caretta **	May 1-October 31	Nesting and hatching
	Spotted turtle (ARS)	Clemmys guttata	Feburary-early April	

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CH Critical Habitat

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# **JASPER COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Frosted flatwoods salamander (T, CH)	Ambystoma cingulatum	January 1-April 30	Larvae present in breeding ponds
	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Black-capped petrel (ARS)	Pterodroma hasitata	April-October	Offshore water primarily
Birds	Eastern black rail (T)	Laterallus jamaicensis jamaicensis	April-June	Minimum of five surveys/survey point
Birds	Piping plover (T, CH)	Charadrius melodus	July 15-May 1	Migration and wintering
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
	Red knot (T)	Calidris canutus rufa	August 1-May 31	Migration and wintering
	Saltmarsh sparrow (ARS)	Ammospiza caudacuta	Fall/winter	Fall/winter surveys
Crustaceans		None F		
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March- April
	Finback whale* (E)	Balaenoptera physalus*	November 1-April 30	Off the coast
	Humpback whale * (E)	Megaptera novaengliae	January 1-March 31	Migration off the coast
	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
	Right whale* (E)	Balaena glacialis	November 1-April 30	Off the coast
Mammals	Sei whale* (E)	Balaenoptera borealis		
	Sperm whale* (E)	Physeter macrocephalus		
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
	West Indian manatee (T)	Trichechus manatus	May 1-November 15	In coastal waters
Mollusks		None F	ound	
	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
Plants	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	

## **JASPER COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November
	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of year	
	Gopher tortoise (C)	Gopherus polyphemus	April 1-October 31	Active period
Reptiles	Green sea turtle ** (T)	Chelonia mydas **	May 1-October 31	Nesting and hatching
	Kemp's ridley sea turtle ** (E)	Lepidochelys kempii**	May 1-October 31	In coastal waters
	Leatherback sea turtle ** (E)	Dermochelys coriacea **	May 1-October 31	Nesting and hatching
	Loggerhead sea turtle ** (T, CH)	Caretta caretta **	May 1-October 31	Nesting and hatching
	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

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CH Critical Habitat

E Federally Endangered

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### **KERSHAW COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Dindo	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans			None Found	
- Fisher	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
Fishes	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Diamete	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Plants	Michaux's sumac (E)	Rhus michauxii	May-October	
	Wire-leaved dropseed (ARS)	Sporobolus teretifolius	August-September	Following fire
Reptiles			None Found	

\* Contact National Marine Fisheries Service (NMFS) for more information on this species.

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ARS Species that the FWS has been petitioned to list and for which a positive 90-day finding has been issued (listing may be warranted); information

is provided only for conservation actions as no Federal protections currently exist.

ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **LANCASTER COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS	
Amphibians			None Found		
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season	
Crustaceans			None Found		
Fishes		None Found			
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April	
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter	
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window	
	Black-spored quillwort (E)	Isoetes melanospora	May-October		
	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November		
Plants	Little amphianthus or Pool sprite (T)	Amphianthus pusillus	Late March-April		
	Schweinitz's sunflower (E)	Helianthus schweinitzii	Late August-October		
	Smooth coneflower (E)	Echinacea laevigata	Late May-October		
Reptiles			None Found		

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\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

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is provided only for conservation actions as no Federal protections currently exist.

ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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#### LAURENS COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March1-July 31	Nesting season
Crustaceans	Mimic crayfish (ARS)	Distocambarus carlsoni	November-April	
Fishes	None Found			
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	None Found			
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Reptiles			None Found	·

\* Contact National Marine Fisheries Service (NMFS) for more information on this species.

\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

ARS Species that the FWS has been petitioned to list and for which a positive 90-day finding has been issued (listing may be warranted); information

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ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

These lists should be used only as a guideline, not as the final authority. The lists include known occurrences and areas where the species has a high possibility of occurring. Records are updated as deemed necessary and may differ from earlier lists.

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### **LEE COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March1-July 31	Nesting season
Crustaceans			None Found	
Fishes			None Found	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks			None Found	
Plants	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
Pidits	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September	
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **LEXINGTON COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians		No	ne Found	
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Dirus	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans	None Found			
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		No	one Found	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Plants	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	
	Wire-leaved dropseed (ARS)	Sporobolus teretifolius	August-September	Following fire
Pontilos	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of year	
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

\* Contact National Marine Fisheries Service (NMFS) for more information on this species.

\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

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ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **MARION COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians		N	lone Found	
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		N	lone Found	
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
Iviaiiiiiais	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		N	one Found	
	Boykin's lobelia (ARS)	Lobelia boykinii	May-August	
Plants	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Pondberry (E)	Lindera melissifolia	February-October	
Pontilos	Florida pine snake (ARS)	Pituophis melanoleucus mugitus	Most of year	
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April	

#### **MARION COUNTY**

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

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T Federally Threatened

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### MARLBORO COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	None Found			
Dindo	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans	None Found			
	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks			None Found	
Plants	Bay boneset (ARS)	Eupatorium paludicola	August-September	
Reptiles	·		None Found	

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## MCCORMICK COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS		
Amphibians		None Found				
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season		
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season		
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season		
Crustaceans			None Found			
Fishes	None Found					
Incosts	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April		
Insects	Septima's clubtail (ARS)	Gomphus septima	Year round	Act: May-August		
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter		
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window		
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November			
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November			
	Miccosukee gooseberry (T)	Ribes echinellum	June-September	Year round		
Reptiles			None Found			

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

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S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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#### **NEWBERRY COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS	
Amphibians		None Fo	und		
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season	
Crustaceans	Mimic crayfish (ARS)	Distocambarus carlsoni	November-April		
Crustaceans	Newberry burrowing crayfish (Saluda) (ARS)	Distocambarus youngineri	January-April		
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April	
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter	
Mollusks	None Found				
Plants	None Found				
Reptiles		None Fo	und		

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **OCONEE COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
Birds	Golden-winged warbler (ARS)	Vermivora chrysoptera	April-July (nesting surveys)	Spring/Fall migration; variable throughout State
Crustaceans		None F	ound	
Fishes		None F	ound	
	Edmund's snaketail (ARS)	Ophiogomphus edmundo	Year round	Active: May-August
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
	Smokies needlefly (ARS)	Megaleuctra williamsae	April-June	
	Indiana bat (E)	Myotis sodalis	Year round	Not a South Carolina resident
Mammals	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
iviaiiiiiais	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		None F	ound	
	Carolina hemlock (ARS)	Tsuga caroliniana	Year round	
	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Plants	Persistent trillium (E)	Trillium persistens	Early March-mid April	
Pidiits	Small whorled pogonia (T)	Isotria medeoloides	Mid May-early July	
	Smooth coneflower (E)	Echinacea laevigata	Late May-October	
	Sun-facing coneflower (ARS)	Rudbeckia heliopsidis	July-October	
Reptiles		None F	ound	

## **OCONEE COUNTY**

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

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T Federally Threatened

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## **ORANGEBURG COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Gopher frog (ARS)	Lithobates capito	Breeding: October-March	Call survey: February-April
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		Nor	ne Found	
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration
risiles	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		Nor	ne Found	
	Boykin's lobelia (ARS)	Lobelia boykinii	May-August	
Plants	Canby's dropwort (E)	Oxpolis canbyi	Mid-July-September	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
Reptiles	Eastern diamondback rattlesnake (ARS)	Crotalus adamanteus	Most of the year	Peak: April-November

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\*\* The U.S. Fish and Wildlife Service (FWS) and NMFS share jurisdiction of this species.

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ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

C FWS or NMFS has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species.

CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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## **PICKENS COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
Birds	Golden-winged warbler (ARS)	Vermivora chrysoptera	April-July (nesting surveys)	Spring/Fall migration; variable throughout State
Crustaceans	Broad River spiny crayfish (ARS)	Cambarus spicatus	November-April	
Fishes		None Fou	nd	
	Margaret's (Margarita) river cruiser (ARS)	Macromia margarita	Year round	Active: June-early August
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
	Smokies needlefly (ARS)	Megaleuctra williamsae	April-June	
	Indiana bat (E)	Myotis sodalis	Year round	Not a South Carolina resident
	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		None Fou	nd	
	Black-spored quillwort (E)	Isoetes melanospora	May-October	
	Carolina hemlock (ARS)	Tsuga caroliniana	Year round	
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Pidiits	Mountain sweet pitcher plant (E)	Sarracenia rubra ssp. jonesii	April-October	
	Smooth coneflower (E)	Echinacea laevigata	Late May-October	
Reptiles	Bog turtle (S/A, T)	Glyptemys muhlenbergii	April 15-September 15	Active period

## **PICKENS COUNTY**

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BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

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T Federally Threatened

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## **RICHLAND COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans	Broad River spiny crayfish (ARS)	Cambarus spicatus	November-April	
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
Fishes	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		Nor	ne Found	
	Bog spicebush (ARS)	Lindera subcoriacea	March-August	
	Canby's dropwort (E)	Oxpolis canbyi	Mid-July-September	
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November	
	Ciliate-leaf tickseed (ARS)	Coreopsis integrifolia	August-November	
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
	Purple balduina (ARS)	Balduina atropurpurea	August-November	
	Rough-leaved loosestrife (E)	Lysimachia asperulaefolia	Mid May-September	
	Smooth coneflower (E)	Echinacea laevigata	Late May-October	
Reptiles		Nor	ne Found	

#### RICHLAND COUNTY

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ARS\* Species that are either former Candidate Species or are emerging conservation priority species.

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

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CH Critical Habitat

E Federally Endangered

P or P – CH Proposed for listing or critical habitat in the Federal Register

S/A Federally protected due to similarity of appearance to a listed species

T Federally Threatened

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For a list of State endangered, threatened, and species of concern, please visit https://www.dnr.sc.gov/species/index.html.

### SALUDA COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birus	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans	Mimic crayfish (ARS)	Distocambarus carlsoni	November-April	
Fishes	None Found			
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window
	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Plants	Harperella (E)	Ptilimnium nodosum	July-October	In periods of low water
rialits	Little amphianthus or Pool sprite (T)	Amphianthus pusillus	Late March-April	
Reptiles			None Found	

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## **SPARTANBURG COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Birds	Golden-winged warbler (ARS)	Vermivora chrysoptera	April-July (nesting surveys)	Spring/Fall migration; variable throughout State
Crustaceans	Broad River spiny crayfish (ARS)	Cambarus spicatus	November-April	
Fishes			None Found	
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter populations departs: March-April
	Little brown bat (ARS)	Myotis lucifugus	Year round	Found in trees, rock crevices, and under bridges
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks	None Found			
Plants	Dwarf-flowered heartleaf (T)	Hexastylis naniflora	March-May	
Reptiles			None Found	

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### **SUMTER COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians	Chamberlain's dwarf salamander (ARS)	Eurycea chamberlaini	Spring/Fall surveys	Breeding survey: November to February
	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season
Birds	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season
Crustaceans		Nor	ne Found	
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
risiles	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks		Nor	ne Found	
	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire
Plants	Boykin's lobelia (ARS)	Lobelia boykinii	May-July	
	Canby's dropwort (E)	Oxpolis canbyi	Mid-July-September	
Reptiles		Nor	ne Found	

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### **UNION COUNTY**

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibians			None Found	
Birds			None Found	
Crustaceans	None Found			
Fishes	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful
iviammais	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter
Mollusks			None Found	
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November	
Reptiles			None Found	

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## WILLIAMSBURG COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS		
Amphibians	None Found					
Birds	American wood stork (T)	Mycteria americana	February 15-September 1	Nesting season		
	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season		
	Red-cockaded woodpecker (T)	Picoides borealis	March 1-July 31	Nesting season		
Crustaceans	None Found					
Fishes	Atlantic sturgeon* (E)	Acipenser oxyrinchus*	February 1-April 30	Spawning migration		
	Robust redhorse (ARS)	Moxostoma robustum	Late April-early May	Temperature dependent: 16-24°C		
	Shortnose sturgeon* (E)	Acipenser brevirostrum*	February 1-April 30	Spawning migration		
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April		
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful		
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter		
Mollusks	None Found					
Plants	American chaffseed (E)	Schwalbea americana	May-August	1-2 months after a fire		
	Boykin's lobelia (ARS)	Lobelia boykinii	May-July			
	Canby's dropwort (E)	Oxypolis canbyi	Mid-July-September			
	Carolina-birds-in-a-nest (ARS)	Macbridea caroliniana	July-November			
Reptiles	Spotted turtle (ARS)	Clemmys guttata	February-mid April			

## WILLIAMSBURG COUNTY

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#### YORK COUNTY

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS		
Amphibians	None Found					
Birds	Bald eagle (BGEPA)	Haliaeetus leucocephalus	October 1-May 15	Nesting season		
Crustaceans	Broad River spiny crayfish (ARS)	Cambarus spicatus	November-April			
Fishes	None Found					
Insects	Monarch butterfly (C)	Danaus plexippus	August-December	Overwinter population departs: March-April		
Mammals	Northern long-eared bat (T)	Myotis septentrionalis	Year round	Winter surveys not as successful		
	Tri-colored bat (ARS)	Perimyotis subflavus	Year round	Found in mines and caves in the winter		
Mollusks	Carolina heelsplitter (E, CH)	Lasmigona decorata	March 1-September 30	Optimal survey window		
Plants	Georgia aster (ARS*)	Symphyotrichum georgianum	Early October-mid November			
	Little amphianthus or Pool sprite (T)	Amphianthus pusillus	Late March-April			
	Schweinitz's sunflower (E)	Helianthus schweinitzii	Late August-October			
	Wire-leaved dropseed (ARS)	Sporobolus teretifolius	August-September	Following fire		
Reptiles	None Found					

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