

**SURVEY WINDOWS FOR FEDERALLY THREATENED, ENDANGERED, CANDIDATE, PROPOSED, AND “AT RISK” (UNDER REVIEW) ANIMAL SPECIES IN SOUTH CAROLINA
FEBRUARY 2019**

SCIENTIFIC NAME	COMMON NAME	STATUS	TIME PERIOD	COMMENTS
<i>Acipenser brevirostrum</i>	Shortnose sturgeon*	E	February 1 – April 30	Spawning migration
<i>Acipenser oxyrinchus</i>	Atlantic sturgeon*	E	February 1 – April 30	Spawning migration
<i>Alasmodontia varicosa</i>	Brook floater	ARS	March 1 – September 30	
<i>Ambystoma cingulatum</i>	Frosted flatwoods salamander	T, CH	January 1 – April 30	Larvae present in breeding ponds
<i>Aneides aeneus</i>	Green salamander	ARS	October - March	
<i>Calidris canutus rufa</i>	Red knot	T	August 1 – May 31	Migration and wintering
<i>Callophrys irus</i>	Frosted elfin butterfly	ARS	March - June	
<i>Cambarus spicatus</i>	Little River crayfish or Broad River spiny crayfish	ARS	November – April	
<i>Caretta caretta</i>	Loggerhead sea turtle**	T, CH	May 1 – October 31	Nesting and hatching
<i>Charadrius melodus</i>	Piping plover	T, CH	July 15 – May 1	Migration and wintering
<i>Chelonia mydas</i>	Green sea turtle**	T	May 1 – October 31	Nesting and hatching
<i>Clemmys guttata</i>	Spotted turtle	ARS	February – mid-April	
<i>Clemmys muhlenbergii</i>	Bog turtle	T, S/A	April 15 – September 15	Active period
<i>Crotalus adamanteus</i>	Eastern diamondback rattlesnake	ARS	throughout most of year	Peak: April – November
<i>Danaus plexippus plexippus</i>	Monarch butterfly	ARS	August – December	Overwintering population departs March – April
<i>Dendroica kirtlandii</i>	Kirtland’s warbler	E	September 1 – May 31	Migration
<i>Dermochelys coriacea</i>	Leatherback sea turtle**	E	May 1 – October 31	Nesting and hatching
<i>Distocambarus carlsoni</i>	Mimic crayfish	ARS	November – April	
<i>Distocambarus youngineri</i>	Saluda crayfish or Newberry burrowing crayfish	ARS	January – April	
<i>Elassoma boehlkei</i>	Carolina pygmy sunfish	ARS	year round	
<i>Eurycea chamberlaini</i>	Chamberlain’s dwarf salamander	ARS	Spring/Fall surveys	Breeding survey: November – February
<i>Fusconaia masoni</i>	Atlantic pigtoe	T (P)	March 1 – September 30	Optimal survey window
<i>Gomphus septima</i>	Septima’s clubtail	ARS	year round	Active May through August
<i>Gopherus polyphemus</i>	Gopher tortoise	C	April 1 – October 31	Active period
<i>Haliaeetus leucocephalus</i>	Bald eagle	BGEPA	October 1 – May 15	Nesting season
<i>Heterodon simus</i>	Southern hognose snake	ARS	throughout most of year	
<i>Laterallus jamaicensis jamaicensis</i>	Eastern black rail	T (P)	April 1 – June 30	Breeding; minimum 5 surveys/survey point
<i>Lasmigona decorata</i>	Carolina heelsplitter	E, CH	March 1 – September 30	Optimal survey window
<i>Lithobates capito</i>	Gopher frog	ARS	Breeding: October – March	Call survey: February – April
<i>Lepidochelys kempii</i>	Kemp’s ridley sea turtle**	E	May 1 – October 31	In coastal waters
<i>Macromia margarita</i>	Margarita river skimmer	ARS	year round	Active June to early August
<i>Megaleuctra williamsae</i>	Smokies needlefly	ARS	April – June	
<i>Moxostoma robustum</i>	Robust redhorse	ARS	late April – early May	Temperature dependent: 16-24°C

<i>Mycteria americana</i>	Wood stork	T	February 15 – September 1	Nesting season
<i>Myotis septentrionalis</i>	Northern long-eared bat	T	year round	Found in mines and caves in winter
<i>Ophiogomphus edmundo</i>	Edmund's snaketail	ARS	year round	Active May through August
<i>Perimyotis subflavus</i>	Tricolored bat	ARS	year round	Found in mines and caves in winter
<i>Picoides borealis</i>	Red-cockaded woodpecker	E	March 1 – July 31	Nesting season
<i>Pituophis melanoleucus mugitus</i>	Florida pine snake	ARS	throughout most of year	
<i>Pterodroma hasitata</i>	Black-capped petrel	T (P)	April 1 – October 31	Primarily offshore waters
<i>Somatochlora calverti</i>	Calvert's emerald	ARS	year round	Active mid-June to late August
<i>Trichechus manatus</i>	West Indian manatee	T	May 15 – October 15	In coastal waters
<i>Vermivora bachmanii</i>	Bachman's warbler	E	May 1 – June 15	Breeding
<i>Vermivora chrysoptera</i>	Golden-winged warbler	ARS	April – July (nesting surveys)	Spring/Fall migration variable throughout state

E Federally endangered

T Federally threatened

C The U.S. Fish and Wildlife Service or the National Marine Fisheries Service has on file sufficient information on biological vulnerability and threat(s) to support proposals to list these species

P Proposed for listing in the Federal Register

ARS "At Risk" species; Under review for potential listing

CH Species has designated Critical Habitat

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

BGEPA Federally protected under the Bald and Golden Eagle Protection Act

* Contact the National Marine Fisheries Service for more information on this species

** The U.S. Fish and Wildlife Service and the National Marine Fisheries Service share jurisdiction of this species

For additional information about these species, please visit the U.S. Fish and Wildlife Service web page at <http://endangered.fws.gov>.