

REGIONAL FORESTER SENSITIVE ANIMAL SPECIES for the EASTERN REGION

List Updated on February 20, 2012

KEY:

R = Species is designated as Regional Forester Sensitive Species

+ = Species is present within the proclamation boundaries but is not at risk and is not designated as Regional Forester Sensitive Species

EX = Species extirpated from the National Forest or Tallgrass Prairie

NATIONAL FOREST/TALLGRASS PRAIRIE CODES:

SOUTHERN TIER	NEW ENGLAND/EASTERN	GREAT LAKES
ME - Midewin	MO - Monongahela	HM - Huron-Manistee
MT - Mark Twain	AL - Allegheny	HI - Hiawatha
SH - Shawnee	FL - Finger Lakes	OT - Ottawa
HO - Hoosier	GM - Green Mountain	CN - Chequamegon-Nicolet
WN - Wayne	WM - White Mountain	SU - Superior
		CP - Chippewa

SCIENTIFIC NAME	COMMON NAME	NRANK	GRANK	CRITERIA	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP
MAMMALS																				
<i>Canis lupis</i>	Gray Wolf	N4	G4	RISK	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	R	R	R	R	R
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	N3N4	G3G4	GTN		EX	R	EX												
<i>Glaucomys sabrinus</i>	Northern Flying Squirrel	N5	G5	RISK							R			+	R		+	+		+
<i>Martes americana</i>	American Marten	N5	G5	RISK							EX		EX	+	R	+	+	R	+	+
<i>Microtus chrotorrhinus carolinensis</i>	Southern Rock Vole	N3	G4T3	GTN						R										
<i>Myotis austroriparius</i>	Southeastern Myotis	N3N4	G3G4	GTN			R													
<i>Myotis leibii</i>	Eastern Small-footed Myotis	N3	G3	GTN		R	R			R		R	R	R						
<i>Myotis lucifugus</i>	Little Brown Myotis	N5	G5	RISK		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
<i>Myotis septentrionalis</i>	Northern Myotis	N4	G4	RISK		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
<i>Neotoma floridana</i>	Eastern Woodrat	N5	G5	RISK		+	R													
<i>Neotoma magister</i>	Allegheny Woodrat	N3N4	G3G4	GTN				R		R										
<i>Nycticeius humeralis</i>	Evening Bat	N5	G5	RISK		+	+	R	+											
<i>Perimyotis subflavus</i>	Tri-colored Bat	N5	G5	RISK		R	R	R	R	R	R	R	R	R	R			R	R	R
<i>Phenacomys ungava</i>	Eastern Heather Vole	NNR	G5	RISK																R
<i>Sorex dispar</i>	Long-tailed Shrew	N4	G4	RISK						R				+						
<i>Sorex palustris punctulatus</i>	Southern Water Shrew	N3	G5T3	GTN						R										
<i>Spermophilus franklinii</i>	Franklin's Ground Squirrel	N5	G5	RISK	R															+
<i>Spilogale putorius</i>	Eastern Spotted Skunk	N5	G5	RISK		R				R										+
<i>Synaptomys borealis</i>	Northern Bog Lemming	N4	G4	RISK										R						+
<i>Synaptomys cooperi</i>	Southern Bog Lemming	N5	G5	RISK						R										+
<i>Ursus americanus</i>	American Black Bear	N5	G5	RISK	EX	+		EX	R	+	+		+	+	+	+	+	+	+	+

SCIENTIFIC NAME	COMMON NAME	NRANK	GRANK	CRITERIA	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP
BIRDS																				
<i>Accipiter gentilis</i>	Northern Goshawk	N4B,N4N	G5	RISK						R	R	R	+	+	R	R	+	+	R	R
<i>Aegolius funereus</i>	Boreal Owl	N4	G5	RISK										+						R
<i>Ammodramus henslowii</i>	Henslow's Sparrow	N3B,N4N	G4	GTN	+		R	R	R	R	+	R			R			+		
<i>Ammodramus leconteii</i>	Le Conte's Sparrow	N3B,N4N	G4	GTN												R	+	R	+	R
<i>Ammodramus nelsoni</i>	Nelson's Sparrow	N3B,N5N	G5	GTN	+															R
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	N5B,N5N	G5	RISK	+	+	+	+	+	+	+	R			R	+	+			
<i>Asio flammeus</i>	Short-eared Owl	N5B,N5N	G5	RISK	R			+	+			+		+		R				
<i>Asio otus</i>	Long-eared Owl	N5B,N5N	G5	RISK	+					R	+			+	+	+				
<i>Bartramia longicauda</i>	Upland Sandpiper	N5B	G5	RISK	R	+						R			+	+	+	R	+	
<i>Bonasa umbellus</i>	Ruffed Grouse	N5	G5	RISK		+		R	+	+	+	+	+	+	+	+	+	+	+	+
<i>Botaurus lentiginosus</i>	American Bittern	N4B,N4N	G4	RISK	R		+	+			+	+	+	+	R	+	+	+	+	+
<i>Buteo lineatus</i>	Red-shouldered Hawk	N5B,N5N	G5	RISK	+	+	+	+	+	+	+	+	+	+	R	R	R	R		R
<i>Catharus bicknelli</i>	Bicknell's Thrush	N4B	G4	RISK									R	R						
<i>Catharus ustulatus</i>	Swainson's Thrush	N5B	G5	RISK	+			+		+	R		+	+	+	+	+	+	+	+
<i>Chlidonias niger</i>	Black Tern	N4B	G4	RISK	+										R	R	+	+		+
<i>Circus cyaneus</i>	Northern Harrier	N5B,N5N	G5	RISK	R	+	+	+	+		+	R	+	+	+	+	+	+	+	+
<i>Cistothorus platensis</i>	Sedge Wren	N4B,N5N	G5	RISK	+								R	+	+		+	+	+	+
<i>Contopus cooperi</i>	Olive-sided Flycatcher	N4B	G4	RISK	+					R		+	+	+	R	+	+	+	R	R
<i>Coturnicops noveboracensis</i>	Yellow Rail	N3B,N4N	G4	GTN												R			+	R
<i>Cygnus buccinator</i>	Trumpeter Swan	N4B,N4N	G4	RISK	EX											R	R	+	+	+
<i>Dolichonyx oryzivorus</i>	Bobolink	N5B	G5	RISK	R			+		+	+	+			+	+	+	+	+	+
<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher	N5B	G5	RISK						+	R	+	+	+		+	+	+	+	+
<i>Euphagus carolinus</i>	Rusty Blackbird	N4B,N4N	G4	RISK	+								R	+			+		+	
<i>Falcipectus canadensis</i>	Spruce Grouse	N5	G5	RISK										+	R	+	R	R	+	R
<i>Falco peregrinus anatum</i>	American Peregrine Falcon	N3B,N3N	G4T4	GTN	+	R	EX			R			R	R		R	+		+	
<i>Gavia immer</i>	Common Loon	N4B,N5N	G5	RISK									R	R	R	R	R	+	+	+
<i>Haliaeetus leucocephalus</i>	Bald Eagle	N5B,N5N	G5	RISK	R	R	R	R	R	R	R		R		R	R	R	R	R	R
<i>Hydroprogne caspia</i>	Caspian Tern	N4N5B,N4N	G5	RISK	+											R				R
<i>Ixobrychus exilis</i>	Least Bittern	N5B,N5N	G5	RISK	R		+								R			+	+	+
<i>Lanius ludovicianus migrans</i>	Migrant Loggerhead Shrike	N3B,N3N	G4T3Q	GTN	R	R	R	R		R	EX			EX	R	R				
<i>Limothlypis swainsonii</i>	Swainson's Warbler	N4B	G4	RISK		R	R													
<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	N5B,N5N	G5	RISK	R	+	+	+	+	R	+	+	+		R	+	+	+	+	
<i>Nycticorax nycticorax</i>	Black-crowned Night-Heron	N5B,N5N	G5	RISK	+	+	+									R	+	+		
<i>Oporornis agilis</i>	Connecticut Warbler	N3B	G4	GTN												R	R	R	R	R
<i>Pandion haliaetus</i>	Osprey	N5B,N4N	G5	RISK	+	+	+	+	+	+	+	+	+	R	+	+	+	+	+	+
<i>Peucaea aestivalis</i>	Bachman's Sparrow	N3B,N3N	G3	GTN		R	EX	EX	EX		EX									
<i>Phalaropus tricolor</i>	Wilson's Phalarope	N5B	G5	RISK	+															R
<i>Picoides arcticus</i>	Black-backed Woodpecker	N4	G5	RISK									+	+	R	R	R	R	+	R
<i>Picoides dorsalis</i>	American Three-toed Woodpecker	N5	G5	RISK										+						R
<i>Podilymbus podiceps</i>	Pied-billed Grebe	N5B,N5N	G5	RISK	+	+	+	+	+		+	+	+	R	+	+	+	+	+	+
<i>Pooecetes gramineus</i>	Vesper Sparrow	N5B,N5N	G5	RISK	+					R	+	+	+		+	+	+	+	+	+
<i>Rallus elegans</i>	King Rail	N4B,N4N	G4	RISK	R										+					
<i>Scolopax minor</i>	American Woodcock	N5B,N5N	G5	RISK	+	+	+	R	+	+	+	+	+	+	+	+	+	+	+	+

SCIENTIFIC NAME	COMMON NAME	NRANK	GRANK	CRITERIA	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP
<i>Setophaga castanea</i>	Bay-breasted Warbler	N5B	G5	RISK										+		+	+	+	R	R
<i>Setophaga cerulea</i>	Cerulean Warbler	N4B	G4	RISK	R	R	R	R	R	+	+				R		+	R		
<i>Setophaga discolor</i>	Prairie Warbler	N5B,NNRN	G5	RISK			+	+	+	+					R	R				
<i>Spizella pallida</i>	Clay-colored Sparrow	N4N5B, N4N	G5	RISK								R			+		+	+		+
<i>Sterna hirundo</i>	Common Tern	N5B	G5	RISK												R				R
<i>Strix nebulosa</i>	Great Gray Owl	N4	G5	RISK												+		+	R	R
<i>Tympanuchus phasianellus</i>	Sharp-tailed Grouse	N4	G4	RISK												R		R		+
<i>Tyto alba</i>	Barn Owl	N5	G5	RISK			+	R		+		+	+							
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	N4B	G4	RISK	+					R	+	+			+	+	+	+	+	+
REPTILES																				
<i>Clemmys guttata</i>	Spotted Turtle	N5	G5	RISK											R					
<i>Clonophis kirtlandii</i>	Kirtland's Snake	N2	G2	GTN				R							R					
<i>Crotalus horridus</i>	Timber Rattlesnake	N4	G4	RISK		+	R	R	R	R	R		EX	EX						
<i>Emydoidea blandingii</i>	Blanding's Turtle	N4	G4	RISK	R										R	R		+		R
<i>Glyptemys insculpta</i>	Wood Turtle	N4	G4	RISK						R	R	+	R	R	R	+	R	R	R	
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	N3N4	G3G4	GTN		R	R													
<i>Nerodia cyclopion</i>	Mississippi Green Watersnake	N5	G5	RISK			R													
<i>Nerodia erythrogaster neglecta</i>	Northern Copperbelly Watersnake	N3	G5T3	GTN			R													
<i>Sistrurus catenatus catenatus</i>	Eastern Massasauga	N3N4	G3G4T3T4Q	GTN											R					
<i>Tantilla gracilis</i>	Flat-headed Snake	N5	G5	RISK		+	R													
<i>Terrapene carolina carolina</i>	Eastern Box Turtle	N5	G5T5	RISK			+	+	+	+					R					
AMPHIBIANS																				
<i>Ambystoma jeffersonianum</i>	Jefferson Salamander	N4	G4	RISK				+	+	+	+		R							
<i>Ambystoma laterale</i>	Blue-spotted Salamander	N5	G5	RISK									R			+	+	+	+	+
<i>Aneides aeneus</i>	Green Salamander	N3N4	G3G4	GTN				R	R	R										
<i>Cryptobranchus alleganiensis</i>	Eastern Hellbender	N3N4	G3G4	GTN		R			R	R	R									
<i>Gastrophryne carolinensis</i>	Eastern Narrow-mouth Toad	N5	G5	RISK			R													
<i>Hemidactylium scutatum</i>	Four-toed Salamander	N5	G5	RISK		+	+	R	R	+	R	+	R	+	+	+	R	+		R
<i>Hyla avivoca</i>	Bird-voiced Treefrog	N5	G5	RISK			R													
<i>Pseudacris streckeri illinoensis</i>	Illinois Chorus Frog	N3	G5T3	GTN			R													
<i>Pseudotriton montanus</i>	Mud Salamander	N5	G5	RISK					R	R										
<i>Rana blairi</i>	Plains Leopard Frog	N5	G5	RISK	R	+	+													
FISHES																				
<i>Acipenser fulvescens</i>	Lake Sturgeon	N3N4	G3G4	GTN			+	R			EX				R	R	R	R	R	
<i>Amblyopsis spelaea</i>	Northern Cavefish	N4	G4	RISK				R												
<i>Clinostomus elongatus</i>	Redside Dace	N3N4	G3G4	GTN					R	R	+				R		R	+		
<i>Coregonus nipigon</i>	Nipigon Cisco	N4N5	G4G5	RISK																R
<i>Coregonus zenithicus</i>	Shortjaw Cisco	N3	G3	GTN																R
<i>Crystallaria asprella</i>	Crystal Darter	N3	G3	GTN		R														
<i>Cycleptus elongatus</i>	Blue Sucker	N3N4	G3G4	GTN		R					EX									
<i>Erimyzon sucetta</i>	Lake Chubsucker	N5	G5	RISK					R											
<i>Etheostoma camurum</i>	Bluebreast Darter	N4	G4	RISK			+	+		+	R	+								
<i>Etheostoma euzonum euzonum</i>	Arkansas Saddled Darter	N3N4	G3G4T3T4	GTN		R														

SCIENTIFIC NAME	COMMON NAME	NRANK	GRANK	CRITERIA	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	
<i>Etheostoma maculatum</i>	Spotted Darter	N2	G2	GTN							R										
<i>Etheostoma microperca</i>	Least Darter	N5	G5	RISK		+									+					R	
<i>Etheostoma osburni</i>	Candy Darter	N3	G3	GTN						R											
<i>Etheostoma tippecanoe</i>	Tippecanoe Darter	N3N4	G3G4	GTN							R										
<i>Ichthyomyzon bdellium</i>	Ohio Lamprey	N3N4	G3G4	GTN					R		R										
<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey	N4	G4	RISK		+									+	+	+	+	R		
<i>Ichthyomyzon greeleyi</i>	Mountain Brook Lamprey	N3N4	G3G4	GTN							R										
<i>Lepomis megalotis</i>	Longear Sunfish	N5	G5	RISK		+														R	
<i>Lepomis miniatus</i>	Redspotted Sunfish	N5	G5	RISK		+	R														
<i>Lepomis symmetricus</i>	Bantam Sunfish	N5	G5	RISK			R														
<i>Lota lota</i>	Burbot	N5	G5	RISK			+				R			+	+	+	+	+	+	+	
<i>Margariscus margarita</i>	Pearl Dace	N5	G5	RISK						R	+				+	+	+	+	+		
<i>Moxostoma carinatum</i>	River Redhorse	N4	G4	RISK											R						
<i>Moxostoma valenciennesi</i>	Greater Redhorse	N4	G4	RISK											R	+		R		R	
<i>Notropis anogenus</i>	Pugnose Shiner	N3	G3	GTN											R			R		R	
<i>Notropis heterolepis</i>	Blacknose Shiner	N4	G4	RISK		R									+	+	+	+	+	+	
<i>Notropis ozarcanus</i>	Ozark Shiner	N3	G3	GTN		R															
<i>Notropis sabiniae</i>	Sabine Shiner	N4	G4	RISK		R															
<i>Notropis scabriceps</i>	New River Shiner	N4	G4	RISK						R											
<i>Noturus eleutherus</i>	Mountain Madtom	N4	G4	RISK		+		+			R										
<i>Noturus stigmosus</i>	Northern Madtom	N3	G3	GTN							R										
<i>Pararhinichthys bowersi</i>	Cheat Minnow	N1N2	G1G2Q	GTN						R											
<i>Percina copelandi</i>	Channel Darter	N4	G4	RISK							R				R						
<i>Percina cymatotaenia</i>	Bluestripe Darter	N2	G2	GTN		R															
<i>Percina evides</i>	Gilt Darter	N4	G4	RISK		+					R										
<i>Percina gymnocephala</i>	Appalachia Darter	N4	G4	RISK						R											
<i>Percina macrocephala</i>	Longhead Darter	N3	G3	GTN							R										
<i>Percina nasuta</i>	Longnose Darter	N3	G3	GTN		R															
<i>Percina uranidea</i>	Stargazing Darter	N3	G3	GTN		R															
<i>Phenacobius teretulus</i>	Kanawha Minnow	N3N4	G3G4	GTN						R											
<i>Pimephales tenellus parviceps</i>	Eastern Slim Minnow	N2N3	G4T2T3	GTN		R															
INVERTEBRATES - ARACHNIDS																					
<i>Anahita punctulata</i>	Southeastern Wandering Spider	NNR	G4	RISK				R													
<i>Apochthonius indianensis</i>	A Pseudoscorpion	N1N2	G1G2	GTN				R													
<i>Apochthonius paucispinosus</i>	Dry Fork Valley Cave Pseudoscorpion	N1	G1	GTN						R											
<i>Erebomaster flavescens</i>	A Cave Obligate Harvestman	N3N4	G3G4	GTN				R													
<i>Hesperochernes mirabilis</i>	Southeastern Cave Pseudoscorpion	N5	G5	RISK				R													
<i>Kleptochthonius griseomanus</i>	Gray-handed Pseudoscorpion	N1	G1	GTN				R													
<i>Kleptochthonius packardi</i>	A Cave Obligate Pseudoscorpion	N2N3	G2G3	GTN				R													
<i>Nesticus carteri</i>	A Cave Spider	NNR	GNR	RISK				R													
<i>Oreonetides beattyi</i>	Beatty's Cave Sheet-web Spider			RISK				R													
<i>Porrhomma cavernicola</i>	Appalachian Cave Spider	N5	G5	RISK				R													
<i>Sabacon cavicolens</i>	Cavernicolous Harvestman	NNR	GNR	RISK		R		+													

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<i>Talanites echinus</i>	A Gnaphosid Spider	NNR	GNR	RISK				R													
INVERTEBRATES - BIVALVES																					
<i>Alasmidonta marginata</i>	Elktoe	N4	G4	RISK		+				R	+								+		
<i>Alasmidonta varicosa</i>	Brook Floater	N3	G3	GTN									R								
<i>Alasmidonta viridis</i>	Slippershell Mussel	N4	G4G5	RISK		+									R						
<i>Amblema plicata</i>	Threeridge	N5	G5	RISK		+	+	+	+		R								+	+	
<i>Cumberlandia monodonta</i>	Spectaclecase	N3	G3	GTN		R															
<i>Cyprogenia aberti</i>	Western Fanshell	N2N3	G2G3Q	GTN		R															
<i>Fusconaia flava</i>	Wabash Pigtoe	N5	G5	RISK		+	+		+		R									+	
<i>Fusconaia subrotunda</i>	Longsolid	N3	G3	GTN							R										
<i>Lampsilis reeveiana brittsi</i>	Northern Brokenray	N3	G4T3	GTN		R															
<i>Lasmigona complanata</i>	White Heelsplitter	N5	G5	RISK	+	+	+	+	+		R				+		+	+	+	+	
<i>Lasmigona compressa</i>	Creek Heelsplitter	N5	G5	RISK	+				+		R		R		R		R	+	R	+	
<i>Lasmigona costata</i>	Flutedshell	N5	G5	RISK		+		+			+				+		+	+		R	
<i>Lasmigona subviridis</i>	Green Floater	N3	G3	GTN						R		R									
<i>Ligumia recta</i>	Black Sandshell	N5	G5	RISK		+	R				+				R			+	R	+	
<i>Plethobasus cyphus</i>	Sheepnose	N3	G3	GTN		R		R	R												
<i>Pleurobema cordatum</i>	Ohio Pigtoe	N4	G4	RISK			+	R													
<i>Pleurobema sintoxia</i>	Round Pigtoe	N4N5	G4G5	RISK		+	+	+	+		R								+		
<i>Ptychobranthus occidentalis</i>	Ouachita Kidneyshell	N3N4	G3G4	GTN		R															
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	N3N4	G3G4T3	GTN							R										
<i>Simpsonaias ambigua</i>	Salamander Mussel	N3	G3	GTN				R	R												
<i>Toxolasma lividum</i>	Purple Lilliput	N3	G3	GTN		R	R														
<i>Venustaconcha ellipsiformis</i>	Ellipse	N4	G4	RISK	R	+													R		
<i>Villosa iris</i>	Rainbow	N5	G5Q	RISK		+					R										
<i>Villosa lienosa</i>	Little Spectaclecase	N5	G5	RISK		+	+	+	R												
INVERTEBRATES - CRUSTACEANS																					
<i>Allocrangonyx hubrichti</i>	Hubricht's Long-tailed Amphipod	N2N3	G2G3	GTN		R															
<i>Bactrurus brachycaudus</i>	Short-tail Bactroid	N4	G4	RISK			R														
<i>Caecidotea beattyi</i>	A Cave Obligate Isopod	N3N4	G3G4	GTN			R														
<i>Caecidotea bicrenata whitei</i>	A Cave Oligate Isopod	NNR	G3G4T3T4	GTN			R														
<i>Caecidotea cannula</i>	Cannulate Cave Isopod	N2	G2	GTN						R											
<i>Caecidotea dimorpha</i>	An Isopod	N2N3	G2G3	GTN		R															
<i>Caecidotea holsingeri</i>	Holsinger's Cave Isopod	N5	G5	RISK						R											
<i>Caecidotea simonini</i>	A Cave Obligate Isopod	N1	G1	GTN						R											
<i>Caecidotea sinuncus</i>	A Cave Isopod	N1	G1	GTN						R											
<i>Caecidotea stygia</i>	A Cave Isopod	N5	G5	RISK			R	+													
<i>Cambarus elkensis</i>	Elk River Crayfish	N2	G2	GTN						R											
<i>Cambarus nerterius</i>	Greenbrier Cave Crayfish	N2	G2	GTN						R											
<i>Cauloxenus stygius</i>	Northern Cavefish Copepod	N1N2	G1G2	GTN				R													
<i>Crangonyx anomalus</i>	Anomalous Spring Amphipod	N4N5	G4G5	RISK			R														
<i>Crangonyx barri</i>	Barr's Cave Amphipod	N5	G5	RISK				R													
<i>Crangonyx indianensis</i>	Indiana Cave Amphipod	N3	G3	GTN				R													
<i>Crangonyx packardii</i>	Packard Cave Amphipod	N4	G4	RISK			R	R													
<i>Diacyclops jeanneli jeanneli</i>	A Cave Obligate Copepod	N1N2	G3G4T1T2	GTN				R													

SCIENTIFIC NAME	COMMON NAME	NRANK	GRANK	CRITERIA	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	
<i>Gammarus bousfieldi</i>	Bousfield's Amphipod	NNR	G1	GTN			R														
<i>Megacyclops donaldsoni</i>	Campground Cave Copepod	N3N4	G3G4	GTN				R													
<i>Orconectes eupunctus</i>	Coldwater Crayfish	N2	G2	GTN		R															
<i>Orconectes indianensis</i>	Indiana Crayfish	N3	G3	GTN			R	+													
<i>Orconectes inermis inermis</i>	Ghost Crayfish	N4	G5T4	RISK				R													
<i>Orconectes kentuckiensis</i>	Kentucky Crayfish	N4	G4	RISK			R														
<i>Orconectes meeki</i>	Meek's Crayfish	N4	G4	RISK		R															
<i>Orconectes peruncus</i>	Big Creek Crayfish	N2	G2	GTN		R															
<i>Orconectes placidus</i>	Bigclaw Crayfish	N5	G5	RISK			R														
<i>Orconectes quadruncus</i>	St. Francis River Crayfish	N2	G2	GTN		R															
<i>Orconectes theaphionensis</i>	Sinkhole Crayfish	N4	G4	RISK				R													
<i>Orconectes williamsi</i>	Williams Crayfish	N3N4	G3G4	GTN		R															
<i>Pseudocandona jeanneli</i>	Jeannel's Cave Ostracod	N1N2	G1G2	GTN				R													
<i>Rheocyclops indiana</i>	Indiana Groundwater Copepod	N1	G1	GTN				R													
<i>Stygobromus culveri</i>	Culver's Cave Amphipod	N1	G1	GTN							R										
<i>Stygobromus emarginatus</i>	Greenbrier Cave Amphipod	N3	G3	GTN							R										
<i>Stygobromus nanus</i>	Pocahontas Cave Amphipod	N1	G1	GTN							R										
<i>Stygobromus parvus</i>	Minute Cave Amphipod	N2N3	G2G3	GTN							R										
<i>Stygobromus subtilis</i>	Subtle Stygobromid	N2	G2	GTN			R														
INVERTEBRATES - GASTROPODS																					
<i>Catinella exile</i>	Pleistocene Catinella	N2	G2	GTN												R					
<i>Euchemotrema hubrichti</i>	Carinate Pillsnail	N1	G1	GTN			R														
<i>Euconulus alderi</i>	A Terrestrial Snail	N4	G4Q	RISK												R					
<i>Fontigens tartarea</i>	Organ Cavesnail	N2	G2	GTN						R											
<i>Glyphyalinia cryptomphala</i>	Thin Glyph	N5	G5	RISK				R													
<i>Planogyra asteriscus</i>	Eastern Flat-whorl	N4	G4	RISK												R					
<i>Vallonia albula</i>	Indecisive Vallonia	N4	G4Q	RISK												R					
<i>Vertigo bollesiana</i>	Delicate Vertigo	N4	G4	RISK						+						R	R				
<i>Vertigo meramecensis</i>	Bluff Vertigo	N2N3	G2G3	GTN		R															
<i>Vertigo morsei</i>	Six-whorl Vertigo	N3	G3	GTN												R					
<i>Vertigo paradoxa</i>	Mystery Vertigo	N4N5	G4G5Q	RISK												R	R				
INVERTEBRATES - INSECTS																					
<i>Aeshna tuberculifera</i>	Black-tipped Darner	N4	G4	RISK							R			+						+	
<i>Aeshna verticalis</i>	Green-striped Darner	N5	G5	RISK							R			+						+	
<i>Aflexia rubranura</i>	Red-Tailed Leafhopper	NNR	G2	GTN	R																
<i>Agapetus artesus</i>	Artesian Agapetus Caddisfly	N3	G3	GTN		R															
<i>Amblyscirtes belli</i>	Bell's Roadside-Skipper	N3N4	G3G4	GTN		+		R													
<i>Ameletus browni</i>	A Mayfly	N3N4	G3G4	GTN										R							
<i>Ameletus tertius</i>	A Mayfly	N3	G4	GTN										R							
<i>Anax longipes</i>	Comet Darner	N5	G5	RISK		+	+	R			R										
<i>Appalachia arcana</i>	Michigan Bog Grasshopper	N2N3	G2G3	GTN												R					
<i>Arrhopalites ater</i>	A Cave Obligate Springtail	N2	G2	GTN				R													
<i>Arrhopalites carolynae</i>	Carolyn's Cave Springtail	N2N3	G2G3	GTN				R													
<i>Arrhopalites lewisi</i>	A Cave Obligate Springtail	NNR	GNR	RISK				R													
<i>Arrhopalites whitesidei</i>		NNR	GNR	RISK				R													

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<i>Atrytonopsis hianna</i>	Dusted Skipper	N4N5	G4G5	RISK			+	R							R					+
<i>Batrisodes krekeleeri</i>	Krekeleer's Cave Ant Beetle	N1	G1	GTN				R												
<i>Bittacus stigmaterus</i>	Eastern Woodland Hangingfly			RISK		+	+	R		+		+								
<i>Boloria chariclea montinus</i>	White Mountain Fritillary	N2	G5T2	GTN										R						
<i>Boyeria grafiana</i>	Ocellated Darner	N5	G5	RISK						R				+					+	+
<i>Brachionycha borealis</i>	Boreal Fan Moth	NNR	G4	RISK						R										
<i>Calephelis borealis</i>	Northern Metalmark	N3N4	G3G4	GTN			+		R	R										
<i>Calephelis muticum</i>	Swamp Metalmark	N3N4	G3	GTN				R												
<i>Callophrys henrici</i>	Henry's Elfin	N5	G5	RISK		+									+			R		
<i>Callophrys irus</i>	Frosted Elfin	N3	G3	GTN											R					
<i>Catocala dejecta</i>	Dejected Underwing	NNR	G4	RISK			+	R												+
<i>Chilostigma itascaae</i>	Headwaters Chilostigman Caddisfly	N1	G1	GTN																R
<i>Cicindela ancisciconensis</i>	Appalachian Tiger Beetle	N3	G3	GTN						R			R	R						
<i>Cicindela patruela</i>	Northern Barrens Tiger Beetle	N3	G3	GTN						R							R	+		
<i>Cicindela purpurea</i>	Cow Path Tiger Beetle	N5	G5	RISK				+		R										
<i>Cicindela unipunctata</i>	One-spotted Tiger Beetle	N4	G4G5	RISK			+	R		+										
<i>Cordulegaster obliqua</i>	Arrowhead Spiketail	N4	G4	RISK			+	R		+		R				+	+			+
<i>Cordulia shurtleffii</i>	American Emerald	N5	G5	RISK							R						+			+
<i>Cycnia inopinatus</i>	A Tiger Moth	NNR	G4	RISK				R												
<i>Dannella lita</i>	A Mayfly	N5	G5	RISK	R															
<i>Dasychira dorsipennata</i>	A Tussock Moth	NNR	G4G5	RISK				R												
<i>Deltocephalus gnarum</i>	A Leafhopper			RISK	R															
<i>Dichagyris (=Mesembagrotis) reliqua</i>	A Noctuid Moth	N1N3	G2G3	GTN	R															
<i>Digrammia eremiata</i>	Three-lined Angle Moth	NNR	G4	RISK				R												
<i>Dorydiella kansana</i>	Kansas Preacher Leafhopper	NNR	GNR	RISK	+			R												
<i>Enallagma annexum</i>	Northern Bluet	N5	G5	RISK							R			+						
<i>Enallagma boreale</i>	Boreal Bluet	N5	G5	RISK						+	R			+						
<i>Erebia mancinus</i>	Taiga Alpine	N1	G5	GTN																R
<i>Eritettix simplex</i>	Velvet-striped Grasshopper	N5	G5	RISK			+	R												
<i>Erora laeta</i>	Early Hairstreak	N3N4	GU	GTN						R				+						
<i>Erynnis lucilius</i>	Columbine Duskywing	N4	G4	RISK			+			R										+
<i>Erynnis martialis</i>	Mottled Duskywing	N3	G3	GTN				R												
<i>Erynnis persius</i>	Persius Duskywing	N5	G5	RISK											R					
<i>Euchlaena milnei</i>	A Geometrid Moth	N2N4	G2G4	GTN						R										
<i>Eucosma bipunctella</i>	A Moth	NNR	GNR	RISK	+		+	R												
<i>Eutettix modestus</i>	A Leafhopper			RISK				R												
<i>Fitchiella robertsonii</i>	Robertson's Flightless Planthopper	NNR	GNR	RISK				R												
<i>Flexamia reflexus</i>	A Leafhopper	NNR	GNR	RISK	+			R												
<i>Gomphus adelphus</i>	Mustached Clubtail	N4	G4	RISK							R		+	+		+	+		+	+
<i>Gomphus descriptus</i>	Harpoon Clubtail	N4	G4	RISK							R		R	+						
<i>Gomphus fraternus</i>	Midland Clubtail	N5	G5	RISK		+		+		+	R					+	+		+	+
<i>Gomphus quadricolor</i>	Rapids Clubtail	N3N4	G3G4	GTN		+	+		R	R	R						R		+	

SCIENTIFIC NAME	COMMON NAME	NRANK	GRANK	CRITERIA	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP
<i>Gomphus rogersi</i>	Sable Clubtail	N4	G4	RISK							R									
<i>Gomphus viridifrons</i>	Green-faced Clubtail	N3	G3G4	GTN					R	R	R					R		R		
<i>Hadena ectypa</i>	A Noctuid Moth	NNR	G3G4	GTN						R										
<i>Haimbachia floridalis</i>	A Sedge Moth			RISK				R												
<i>Helocordulia uhleri</i>	Uhler's Sundragon	N5	G5	RISK		+					R			+						
<i>Hesperia leonardus</i>	Leonard's Skipper	N4	G4	RISK		+	+	R		+				+						
<i>Hesperia metea</i>	Cobweb Skipper	N4N5	G4	RISK		+	+	R		R										
<i>Hypogastrura gibbosus</i>	A Springtail	NNR	GNR	RISK				R												
<i>Isotoma anglicana</i>	A Springtail	NNR	GNR	RISK				R												
<i>Isotoma truncata</i>	A Springtail	NNR	GNR	RISK				R												
<i>Lanthus vernalis</i>	Southern Pygmy Clubtail	N4	G4	RISK									R	+						
<i>Lepyronia gibbosa</i>	Hill-prairie Spittlebug	NNR	G3G4	GTN											R					
<i>Lestes eurinus</i>	Amber-winged Spreadwing	N4	G4	RISK		+		+			R									
<i>Lethe eurydice</i>	Eyed Brown	N4	G4	RISK							R			+			+			
<i>Leucania extincta</i>	A Moth	NNR	G4	RISK				R												
<i>Leucorrhinia glacialis</i>	Crimson-ringed Whiteface	N5	G5	RISK						+	R			+			+		+	
<i>Lycaena hyllus</i>	Bronze Copper	N4N5	G4G5	RISK		+				R	+			+						
<i>Maccaffertium bednariki</i>	A Heptageniid Mayfly	N2N4	G2G4	GTN		R														
<i>Macrosteles potorius</i>	A Leafhopper		GNR	RISK	R															
<i>Melampsalta calliope</i>	Little Brown Cicada			RISK				R												
<i>Melanoplus morsei</i>	A Spur-throat Grasshopper	N4?	G4?	RISK				R												
<i>Merope tuber</i>	Earwig Scorpionfly	NNR	G3G5	GTN		+		R												
<i>Mesamia stramineus</i>	Helianthus Leafhopper	NNR	GNR	RISK	+	+	+	R												
<i>Neoconocephalus robustus</i>	Crepitating Conehead	NNR	GNR	RISK		+		R												
<i>Ochrotrichia contorta</i>	Contorted Ochrotrichian Micro Caddisfly	N1N2	G1G2	GTN		R														
<i>Oeneis chryxus</i>	Chryxus Arctic	N5	G5	RISK													R	R		
<i>Oeneis melissa semidea</i>	White Mountain Butterfly	N2	G5T2	GTN										R						
<i>Oncocnemis saundersiana</i>	A Noctuid Moth		GNR	RISK	R															
<i>Onychiurus reluctus</i>	A Springtail	NNR	GNR	RISK		+		R												
<i>Ophiogomphus anomalus</i>	Extra-striped Snaketail	N4	G4	RISK													+	R		
<i>Ophiogomphus carolus</i>	Riffle Snaketail	N5	G5	RISK							R						+		+	
<i>Ophiogomphus howei</i>	Pygmy Snaketail	N3	G3	GTN													R	R		
<i>Ophiogomphus mainensis</i>	Maine Snaketail	N4	G4	RISK						+	R		+	+						
<i>Ophiogomphus westfalli</i>	Westfall's Snaketail	N3	G3	GTN		R														
<i>Papaipema astuta</i>	Yellow Stoneroot Borer	N2N3	G2G3	GTN				R												
<i>Papaipema beeriana</i>	Blazing Star Stem Borer	N2N3	G2G3	GTN	R			R												
<i>Papaipema eryngii</i>	Rattlesnake-master Borer Moth	N1N2	G1G2	GTN	R			EX												
<i>Papaipema marginidens</i>	A Borer Moth	N4	G4	RISK				R												
<i>Papaipema polymniae</i>	Polymnia Borer Moth	N4	G4	RISK			+	R												
<i>Papaipema rutila</i>	Mayapple Borer Moth	N4	G4	RISK				R												
<i>Papaipema sciata</i>	Culvers Root Borer	N3N4	G3G4	GTN	+										R					
<i>Parasa indetermina</i>	A Moth	NNR	G4	RISK				R												
<i>Phyciodes batesii</i>	Tawny Crescent	N3N4	G4	GTN						EX					R		R	+	+	
<i>Pieris virginensis</i>	West Virginia White	N3N4	G3?	GTN				R		R	R	R	R			+	R	R		

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<i>Plebejus idas nabokovi</i>	Nabokov's Blue	N1N3	G5TU	GTN												R	R	R	R	
<i>Plusia venusta</i>	White-streaked Looper Moth		GNR	RISK	R															
<i>Polyamia brevipennis</i>	Short-winged Polyamia	NNR	GNR	RISK				R												
<i>Polyamia herbida</i>		NNR	GNR	RISK				R												
<i>Prairiana kansana</i>	Leafhopper	NNR	GNR	RISK				R												
<i>Proisotoma libra</i>	Free Springtail			RISK				R												
<i>Pseudanophthalmus fuscus</i>	A Cave Beetle	N4	G4	RISK						R										
<i>Pseudanophthalmus hadenoecus</i>	Timber Ridge Cave Beetle	N1	G1	GTN						R										
<i>Pseudanophthalmus hypertrichosis</i>	A Cave Beetle	N3	G3	GTN						R										
<i>Pseudanophthalmus montanus</i>	Dry Fork Valley Cave Beetle	N1	G1	GTN						R										
<i>Pseudanophthalmus stricticollis</i>	Marengo Cave Ground Beetle	N1N2	G4T1T2	GTN				R												
<i>Pseudanophthalmus youngi</i>	Young's Cave Ground Beetle	N1N2	G2T1T2	GTN				R												
<i>Pseudosinella argentea</i>	A Springtail	NNR	GNR	RISK			R	+												
<i>Pseudosinella certa</i>	Gandy Creek Cave Springtail	N1	G1	GTN						R										
<i>Pseudosinella collina</i>	Hilly Springtail	NNR	GNR	RISK				R												
<i>Pseudosinella espana</i>	A Springtail	N2N3	G2G3	GTN		R														
<i>Pseudosinella fonsa</i>	A Cave Springtail	N3N4	G3G4	GTN				R												
<i>Pseudosinella gisini</i>	A Springtail	N3N4	G3G4	GTN						R										
<i>Pyrausta laticlavata</i>	A Moth	NNR	GNR	RISK				R												
<i>Pyrgus centaureae freija</i>	Freija's Grizzled Skipper	NU	G5T4T5	RISK																R
<i>Pyrgus wyandot</i>	Southern Grizzled Skipper	N1N2	G1G2Q	GTN					R	R						R				
<i>Schinia indiana</i>	Phlox Moth	NNR	G2G4	GTN												R				
<i>Schinia jaguarina</i>	Jaguar Flower Moth	NNR	G4	RISK				R												
<i>Sinella agna</i>	A Springtail	N3N4	G3G4	GTN						R										
<i>Sinella alata</i>	Wingless Winged Cave Springtail	N5	G5	RISK				R												
<i>Sinella cavernarum</i>	Cavernicolous Springtail	N5	G5	RISK		+	R	+												
<i>Somatochlora brevicincta</i>	Quebec Emerald	N2	G4	GTN																R
<i>Somatochlora elongata</i>	Ski-tipped Emerald	N5	G5	RISK						+	R		+	+		+	+		+	
<i>Somatochlora forcipata</i>	Forcinate Emerald	N4	G5	RISK						+			R	+		+	R	+		+
<i>Somatochlora incurvata</i>	Incurvate Emerald	N3	G4	GTN										R		R				
<i>Somatochlora linearis</i>	Mocha Emerald	N5	G5	RISK						+	R									
<i>Somatochlora walshi</i>	Brush-tipped Emerald	N4	G5	RISK							R			+			+		+	
<i>Speyeria diana</i>	Diana Fritillary	N3N4	G3G4	GTN			+			R										
<i>Sphinx luscitiosa</i>	Clemen's Sphinx	N2N4	G4	GTN	R															
<i>Stylurus scudderii</i>	Zebra Clubtail	N3N4	G4	GTN						R				+		+	+	+		+
<i>Sympetrum obtrusum</i>	White-faced Meadowhawk	N5	G5	RISK				+		R				+			+			
<i>Sympetrum semicinctum</i>	Band-winged Meadowhawk	N5	G5	RISK		+				R				+			+			
<i>Tachopteryx thoreyi</i>	Gray Petaltail	N4	G4	RISK		+							R							
<i>Tomocerus dubius</i>	A Springtail	NNR	GNR	RISK				R												
<i>Trimerotropis huroniana</i>	Lake Huron Locust	N2N3	G2G3	GTN											R	R				
<i>Williamsonia fletcheri</i>	Ebony Boghaunter	N4	G4	RISK										+		R	+		R	
<i>Williamsonia lintneri</i>	Ringed Boghaunter	N3	G3	GTN												R				

SCIENTIFIC NAME	COMMON NAME	NRANK	GRANK	CRITERIA	ME	MT	SH	HO	WN	MO	AL	FL	GM	WM	HM	HI	OT	CN	SU	CP	
INVERTEBRATES - OTHER																					
<i>Conotyla bollmani</i>	A Millipede	N5	G5	RISK				R													
<i>Ergodesmus remingtoni</i>	A Millipede	N1N2	G1G2	GTN			R														
<i>Macrocotyla hoffmasteri</i>	Hoffmaster's Cave Planarian	N3N4	G3G4	GTN						R											
<i>Phagocata angusta</i>	A Cave Obligate Planarian	N1	G1	GTN						R											
<i>Pseudotremia fulgida</i>	Greenbrier Valley Cave Millipede	N3	G3	GTN						R											
<i>Pseudotremia indiana</i>	A Cave Obligate Millipede	N4	G4	RISK				R													
<i>Pseudotremia lusciosa</i>	Germany Valley Cave Millipede	N1	G1	GTN						R											
<i>Pseudotremia princeps</i>	South Branch Valley Cave Millipede	NNR	G1	GTN						R											
<i>Pseudotremia reynoldsae</i>	Reynolds Cave Millipede	N1	G1	GTN				R													
<i>Pseudotremia salisae</i>	A Cave Obligate Millipede	N1N2	G1G2	GTN				R													
<i>Sphalloplana culveri</i>	Culver's Planarian	N1	G1	GTN						R											
<i>Sphalloplana hubrichti</i>	A Cave Obligate Planarian	N2N4	G2G4	GTN			R														
<i>Sphalloplana weingartneri</i>	Weingartner's Cave Flatworm	N4	G4	RISK				R													
<i>Zygonopus weyeri</i>	Grand Caverns Blind Cave Millipede	N3N4	G3G4	GTN						R											
<i>Zygonopus whitei</i>	Luray Caverns Blind Cave Millipede	N3N4	G3G4	GTN						R											
		National Forest/Tallgrass Prairie																			
	Regionwide Species Total = 373	Animal Species Totals =			25	40	40	101	21	77	57	13	22	17	47	36	25	26	26	28	