

Northeast States' Wildlife Action Plans (NE SWAP)
Comprehensive List of Species of Greatest Conservation Need (SGCN) - Nov 2015
This May 2016 version incorporates minor corrections as a result of state expert review.

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Key to Excel Table

I) Consists of seven worksheets of species by taxonomic groupings:

MAMMALS: Lists species alphabetically by scientific name

BIRDS: Lists species alphabetically by scientific name

REPTILES: Lists species alphabetically by scientific name

AMPHIBIANS: Lists species alphabetically by scientific name

FISH: Lists species alphabetically by scientific name

INVERTEBRATES: Arthropods; Lists species alphabetically by scientific name

INVERTEBRATES: Non-arthropods; Lists species alphabetically by scientific name

II) Has 18 headed columns (the states are arranged in geographic order, North to South)

Column A) Scientific Name: Multiple names (different names by different state for same species) used are listed with “/” between.

Column B) Common Name: Multiple names used are listed with “/” between

Column C) US: Federal regulatory status

E= Endangered, T= Threatened, C= Candidate, P= Proposed

Columns D-Q: State status rank / SGCN designation

Example: for Maine E/2 = State Endangered/Priority 2 on SGCN List

State status ranks given have regulatory authority;

Presence / absence / historic or extirpated status is not designated on this list,

D) ME: Maine

State Status (updated 2015): E= Endangered, T= Threatened, SC = Special Concern

State Plan: 1, 2, or 3 ranking

E) NH: New Hampshire

State Status (last update 2009): E= Endangered, T= Threatened, C = Special Concern

State Plan: X= Species on SGCN list; no priority ranking given

F) VT: Vermont

State Status (Updated 2015): E= Endangered, T= Threatened
State Plan: H= High Priority, M=Medium Priority

G) MA: Massachusetts

State Status (Updated 2010): E= Endangered, T= Threatened, SC= Special Concern
State Plan: X= Species on SGCN list; no priority ranking given

Key to Excel Table, Continued

H) RI: Rhode Island

State Status (Updated 2006): E= Endangered, P=Protected from possession wo/ a permit
State Plan: X= Species on SGCN list; no priority ranking given

I) CT: Connecticut

State Status (Updated 2015): E= Endangered, T= Threatened, SC= Special Concern,
SCX= Special Concern-Extirpated
State Plan: 1= Most Important, 2= Very Important, 3= Important
Note on Blue-spotted Salamander (*Abystoma laterale*) - CT split into two categories:
"Complex" w/ ranking SC/2, "Diploid" w/ E/1

J) NY: New York

State Status (Updated 2007): E= Endangered, T= Threatened, S= Special Concern
State Plan: H = High Priority (received 1 or 2 in their ranking process) and
X= Species on SGCN list (received 3 in their ranking)

K) NJ: New Jersey

State Status (Updated 2013): E= Endangered, T= Threatened, SC= Special Concern.
Not including Undetermined
State Plan: X= Species on SGCN list; P = Priority

L) PA: Pennsylvania

State Status (Last update 2015): E= Endangered, T= Threatened, C= Candidate
State Plan: 1=High Priority, 2=Medium Priority, 3=Low Priority, SR = SGCN with State Responsibility

M) DE: Delaware

State Status: E= Endangered (Updated 2013)
State Plan: Tiers 1-3, DN= Data Needs, and Ex = Extirpated

N) MD: Maryland

State Status (Updated 2016): E= Endangered, T= Threatened, I = In need of conservation,
Ex = Endangered extirpated
State Plan: X= Species on SGCN list; no priority ranking given

O) DC: District of Columbia

State Status: DC does not currently have any equivalent State status ranking
State Plan: Priority Tier 1-3

P) VA: Virginia

State Status (Last update 2015): E= Endangered, T= Threatened
State Plan: Tiers I-IV

Q) WV: West Virginia

State Status: WVA does not have State status ranking

State Plan: 1= Priority 1, 2= Priority 2

III) NOTE: Taxonomic questions still needing clarification in 2015 are highlighted in green;
Species new in 2015 (not on 2005 list) are in **red font**.

To shorten the list to these 273 species, we deleted species that were listed in 1 or 0 states in the Chesapeake Bay Watershed, and deleted species that weren't listed in at least one of the Chesapeake Bay states (VA, MD, or DC)

ELCODE	Taxa Group	Scientific name	Common Name	US	NY	PA	DE	MD	DC	VA	WV	NE Count	Chesapeake Watershed	Chesapeake Bay Count	% Chesapeake Watershed	% Chesapeake Bay Listed	Shared Level
IMBIV14120	Inverts (other)	Elliptio fisheriana	Northern Lance Mussel			1	2	X		IV	2	5	5	2	1	0.4	High
ICMAL05030	Arthropods	Stygobromus pizzinii	Pizzini's Amphipod			1		X	2	II		4	4	3	1	0.75	High
AAAA01010	Amphibians	Aneides aeneus	Green Salamander			T/1		E/X		II	1	4	4	2	1	0.5	High
AAAB05010	Amphibians	Pseudacris brachyphona	Mountain Chorus Frog			1		E/X		II	2	4	4	2	1	0.5	High
AAAB05120	Amphibians	Pseudacris feriarum	Upland Chorus Frog			1		X		1	1	4	4	2	1	0.5	High
AMACC06010	Mammals	Nycticeius humeralis	Evening Bat				2	X	1		2	4	4	2	1	0.5	High
AMAE01090	Mammals	Sylvilagus obscurus	Appalachian Cottontail			1		I/X		IV	2	4	4	2	1	0.5	High
AMAJF05010	Mammals	Spilogale putorius	Eastern Spotted Skunk			1		X		IV	1	4	4	2	1	0.5	High
ARADB39022	Reptiles	Virginia valeriae pulchra	Mountain Earthsnake			1		E/X		II	1	4	4	2	1	0.5	High
ICMAL05042	Arthropods	Stygobromus tenuis potomacus	Potomac Amphipod			1		X	1		1	4	4	2	1	0.5	High
IILEPA8140	Arthropods	Colias interior	Pink-edged Sulphur			1		X		IV	2	4	4	2	1	0.5	High
IILEYJ4010	Arthropods	Hadena ectypa	A Noctuid Moth				1	X		IV	1	4	4	2	1	0.5	High
IIOOD14180	Arthropods	Aeshna tuberculifera	Black-tipped Darner					E/1	X	IV	2	4	4	2	1	0.5	High
IIOOD29040	Arthropods	Epiheca costalis	Stripe-winged Baskettail			1	2	X		IV		4	4	2	1	0.5	High
IIOOD65020	Arthropods	Calopteryx angustipennis	Appalachian Jewelwing			1		X		III	2	4	4	2	1	0.5	High
IIOOD74030	Arthropods	Nehalennia gracilis	Sphagnum Sprite				2	X		IV	1	4	4	2	1	0.5	High
IIPLE0G020	Arthropods	Megaleuctra flinti	Shenandoah Needlefly			1		X		III	2	4	4	2	1	0.5	High
IIPLE11050	Arthropods	Alloperla biserrata	Dusky Sallyfly			1		X		III	2	4	4	2	1	0.5	High
IMGAS03010	Inverts (other)	Hendersonia occulta	Cherrystone Drop Snail			1		I/X		IV	2	4	4	2	1	0.5	High
IMGAS20340	Inverts (other)	Vertigo ventricosa	Five-tooth/Cylindrically-ornate Wood Snail			2		X		III	2	4	4	2	1	0.5	High
IMGAS73140	Inverts (other)	Glyphyalinia picea	Rust Glyph Snail				1	X		II	2	4	4	2	1	0.5	High
IMGAS73160	Inverts (other)	Glyphyalinia raderi	Rader's/Maryland Glyph Snail			1		EX/X		II	1	4	4	2	1	0.5	High
	Arthropods	Cordulia shurtletffi	American Emerald			2		X		IV	2	4	4	2	1	0.5	High
ABPBY06030	Birds	Spinus pinus	Pine Siskin			1	2	X			2	4	4	1	1	0.25	High
AFBAA01010	Fish	Ichthyomyzon bdellium	Ohio Lamprey		X	SC/1				IV	1	4	4	1	1	0.25	High
AFBAA01050	Fish	Ichthyomyzon greeleyi	Mountain Brook Lamprey			SC/X	F-SR/1			III	1	4	4	1	1	0.25	High
AFBAA02010	Fish	Lampetra aepyptera	Least Brook Lamprey				SC/1	2		IV	2	4	4	1	1	0.25	High
AFCAB01010	Fish	Polyodon spathula	Paddlefish		H	1				T/IV	2	4	4	1	1	0.25	High
AFCJB12010	Fish	Exoglossum laurae	Tonguetied Minnow		X	SR/1				IV	1	4	4	1	1	0.25	High
ARACH01011	Reptiles	Plestiodon a. anthracinus	Northern Coal Skink		X	1		E/X			1	4	4	1	1	0.25	High
IICOL02290	Arthropods	Cicindela scutellaris	Festive Tiger Beetle			1	2	X			2	4	4	1	1	0.25	High
IICOL02310	Arthropods	Cicindela unipunctata	One-spotted Tiger Beetle			1	2	X			2	4	4	1	1	0.25	High
IIOOD26100	Arthropods	Macromia taeniolata	Royal River Cruiser			1	2	X		2	2	4	4	1	1	0.25	High
IIOOD45020	Arthropods	Libellula axilena	Bar-winged Skimmer			1	2	X		2	4	4	4	1	1	0.25	High
IIOOD45070	Arthropods	Libellula flavida	Yellow-sided Skimmer			1		DN	X		2	4	4	1	1	0.25	High
IIOOD68010	Arthropods	Argia bipunctulata	Seepage Dancer			1	1	X			1	4	4	1	1	0.25	High
IIPLE0M050	Arthropods	Ostrocerca prolongata	Bent Forestfly			1	1			III	2	4	4	1	1	0.25	High
IMBIV03020	Inverts (other)	Amblema plicata	Threeridge		X	1				III	2	4	4	1	1	0.25	High
IMBIV45040	Inverts (other)	Truncilla truncata	Deertoe		H	1				E/III	2	4	4	1	1	0.25	High
IMBIV47050	Inverts (other)	Villosa fabalis	Raved Bean		E	H	E/1			II	1	4	4	1	1	0.25	High
IMGAS20250	Inverts (other)	Vertigo ovata	Ovate Vertigo snail			1	2			IV	2	4	4	1	1	0.25	High
IMGAS54030	Inverts (other)	Discus catskillensis	Angular Disc			2	2	X			2	4	4	1	1	0.25	High
ICMAL05100	Arthropods	Stygobromus kenki	Kenk's / Rock Creek Groundwater Amphipod		C			E/X	1	II		3	3	3	1	1	Medium
IMGASG5100	Inverts (other)	Fontigens bottimeri	Appalachian Springsnail					X	3	E/II		3	3	3	1	1	Medium
AAAB020100	Amphibians	Hyla gratiosa	Barking Treefrog				E/1	E/X		T/II		3	3	2	1	0.66666667	Medium
AMAFB07042	Mammals	Sciurus niger cinereus	Delmarva Fox Squirrel				E/1	T/X		E/II		3	3	2	1	0.66666667	Medium
AMAFB09023	Mammals	Glaucomyx sabrinus fuscus	Virginia Northern Flying Squirrel					X		E/1	1	3	3	2	1	0.66666667	Medium
AMAFF11091	Mammals	Microtus chrotorrhinus carolinensis	Southern Rock Vole					E/X		E/II	1	3	3	2	1	0.66666667	Medium
IICOL03010	Arthropods	Dryobius sexnotatus	Six-banded Longhorn Beetle			1		E/X		IV		3	3	2	1	0.66666667	Medium
IILEPD4090	Arthropods	Satyrium kingi	King's Hairstreak					E/1	X	IV		3	3	2	1	0.66666667	Medium
IILEU2F150	Arthropods	Euchlaena milnei	Milne's Euchlaena Moth					X		IV	1	3	3	2	1	0.66666667	Medium
IILEU4N150	Arthropods	Nemona tuscarora	Tuscarora Emerald			1		X		IV		3	3	2	1	0.66666667	Medium
IIOOD10010	Arthropods	Lanthus parvulus	Northern Pygmy Clubtail					X		IV	1	3	3	2	1	0.66666667	Medium
IIOOD14020	Arthropods	Aeshna canadensis	Canada Darner					X		IV	2	3	3	2	1	0.66666667	Medium
IIOOD29030	Arthropods	Epiheca canis	Beaverpond Baskettail					X		IV	2	3	3	2	1	0.66666667	Medium
IIOOD29060	Arthropods	Epiheca semiaequa	Mantled Baskettail		X			X		IV		3	3	2	1	0.66666667	Medium
IIOOD30010	Arthropods	Helocordulia selysii	Selys' Sundragon				E/1	T/X		X		3	3	2	1	0.66666667	Medium
IIOOD32070	Arthropods	Somatochlora filosa	Fine-lined Emerald				2	X		IV		3	3	2	1	0.66666667	Medium
IIOOD32190	Arthropods	Somatochlora provocans	Treetop Emerald				E/1	E/X		IV		3	3	2	1	0.66666667	Medium
IIOOD44050	Arthropods	Leucorrhinia intacta	Dot-tailed Whiteface					DN	X	IV		3	3	2	1	0.66666667	Medium
IIOOD45180	Arthropods	Ladona exusta	White Corporal Skimmer			1		E/X		IV		3	3	2	1	0.66666667	Medium
IIOOD61090	Arthropods	Sympetrum obtrusum	White-faced Meadowhawk					X		IV	2	3	3	2	1	0.66666667	Medium
IIOOD65010	Arthropods	Calopteryx aequabilis	River Jewelwing			2		X		IV		3	3	2	1	0.66666667	Medium
IIOOD71150	Arthropods	Enallagma annexum	Northern Bluet					X		IV	2	3	3	2	1	0.66666667	Medium
IIOOD71180	Arthropods	Enallagma dubium	Burgundy Bluet					E/1	X	IV		3	3	2	1	0.66666667	Medium
IIOOD71240	Arthropods	Enallagma pallidum	Pale Bluet					E/1	X	IV		3	3	2	1	0.66666667	Medium
IIOOD74020	Arthropods	Nehalennia irene	Sedge Sprite					DN	X	IV		3	3	2	1	0.66666667	Medium
IIOOD80040	Arthropods	Stylurus laurae	Laura's Clubtail					E/1	X	IV		3	3	2	1	0.66666667	Medium
IMGAS78240	Inverts (other)	Paravitrea pontis	Natural Bridge Supercoil					X		III	2	3	3	2	1	0.66666667	Medium
IMGASA1320	Inverts (other)	Triodopsis picea	Spruce Knob Threetooth					X		III	1	3	3	2	1	0.66666667	Medium
IMGASG5050	Inverts (other)	Fontigens orolibas	Blue Ridge Springsnail			1		E/X				3	3	2	1	0.66666667	Medium
AFC4E02330	Fish	Cottus sp. 7	Checkered Sculpin			1		X		1?		3	3	1	1	0.33333333	Medium
AFCJC10040	Fish	Moxostoma carinatum	River Redhorse		H					III	2	3	3	1	1	0.33333333	Medium
AFCCKA02040	Fish	Noturus eleutherus	Mountain Madtom				E/1			IV	2	3	3	1	1	0.33333333	Medium
AFCQC02100	Fish	Etheostoma camurum	Bluebreast Darter			E/H				IV	2	3	3	1	1	0.33333333	Medium
AFCQC02830	Fish	Etheostoma variatum	Variagate Darter				SR/2			E/1	2	3	3	1	1	0.33333333	Medium
AMABA01151	Mammals	Sorex palustris punctulatus	Southern/West Virginia Water Shrew			T/1		E/X			1	3	3	1	1	0.33333333	Medium
ICMAL01010	Arthropods	Caecidotea pricei	Price's Cave Isopod				SR/1	X			1	3	3	1	1	0.33333333	Medium
ICMAL01020	Arthropods	Caecidotea franzi	Franz's Cave Isopod				SR/1	E/X			1	3	3	1	1	0.33333333	Medium
ICMAL05010	Arthropods	Stygobromus biggersi	Bigger's Cave Amphipod			1		E/X			1	3	3	1	1	0.33333333	Medium
ICMAL05020	Arthropods	Stygobromus gracilipes	Shenandoah Valley Cave Amphipod			1		E/X			1	3	3	1	1	0.33333333	Medium
ICMAL05050	Arthropods	Stygobromus franzi	Franz's Cave Amphipod			1		I/X			1	3	3	1	1	0.33333333	Medium
ICMAL05060	Arthropods	Stygobromus allegheniensis	Allegheny Cave Amphipod				SR/1	I/X			1	3	3	1	1		

IIOO91010	Arthropods	Telebasis byersi	Duckweed Firetail				2	X			2	3	3	1	1	0.33333333	Medium	
IIPLE11030	Arthropods	Alloperla aracoma	Aracoma Sallfly				2	X			2	3	3	1	1	0.33333333	Medium	
IIPLE1D010	Arthropods	Utaperla gaspesiana	Gaspe Sallfly				2	X			2	3	3	1	1	0.33333333	Medium	
ILARA21010	Arthropods	Porrhomma cavernicola	Appalachian Cave Spider				1	X			2	3	3	1	1	0.33333333	Medium	
ILARA46010	Arthropods	Bathypantes weyeri	A Cave Spider				1			III	2	3	3	1	1	0.33333333	Medium	
IMBIV10020	Inverts (other)	Cyprogenia stegaria	Fanshell	E			1			E/I	1	3	3	1	1	0.33333333	Medium	
IMBIV14080	Inverts (other)	Elliptio crassidens	Elephant Ear							E/III	1	3	3	1	1	0.33333333	Medium	
IMBIV16190	Inverts (other)	Epioblasma triquetra	Snuffbox	E		E/1				E/I	1	3	3	1	1	0.33333333	Medium	
IMBIV17120	Inverts (other)	Fusconaia subrotunda	Longsolid				1			III	1	3	3	1	1	0.33333333	Medium	
IMBIV21110	Inverts (other)	Lampsilis abrupta	Pink Mucket	E			1			E/I	1	3	3	1	1	0.33333333	Medium	
IMBIV34030	Inverts (other)	Plethobasus cyphus	Sheepnose			T/1				E/II	1	3	3	1	1	0.33333333	Medium	
IMBIV35090	Inverts (other)	Pleurobema cordatum	Ohio Pigtoe							E/III	2	3	3	1	1	0.33333333	Medium	
IMBIV44010	Inverts (other)	Quadrula verrucosa	Pistolgrip			E/1				T/III	2	3	3	1	1	0.33333333	Medium	
IMGAS53030	Inverts (other)	Anguispira fergusonii	Coastal Plain Tigersnail			1	1		2			3	3	1	1	0.33333333	Medium	
IMGAS94050	Inverts (other)	Euchemotrema leai	Lowland Pillsnail			1				IV	2	3	3	1	1	0.33333333	Medium	
IMGAS98030	Inverts (other)	Stenotrema barbatum	Bristled Siltmouth						2			2	3	3	1	1	0.33333333	Medium
IMGASA1250	Inverts (other)	Webbhelix multilineata	Striped Whitelip			1		X			2	3	3	1	1	0.33333333	Medium	
IMGASN1010	Inverts (other)	Promenetus exacucous	Sharp Sprite			2	3			IV		3	3	1	1	0.33333333	Medium	
	Amphibians	Lithobates kauffeldi	Atlantic Coast Leopard Frog	H		1	1	X				3	3	1	1	0.33333333	Medium	
	Arthropods	Catocala dulcicola	Quiet or Sweet Underwing			1				III	1	3	3	1	1	0.33333333	Medium	
	Arthropods	Celithemis verna	A Double-ringed Pennant	X			2	X				3	3	1	1	0.33333333	Medium	
	Arthropods	Copvaleria grotei	Grote's Sallow			1		DN	X			3	3	1	1	0.33333333	Medium	
	Inverts (other)	Utterbackia imbecillis	Paper Pondshell			X			X		2	3	3	1	1	0.33333333	Medium	
ABNNB03040	Birds	Charadrius wilsonia	Wilson's Plover						E/X	E/I		2	2	2	1	1	Low	
ABNYF07060	Birds	Picoides borealis	Red-cockaded Woodpecker	E					Ex/X	E/I		2	2	2	1	1	Low	
ABPBX03102	Birds	Setophaga virens waynei	Wayne's Black-throated Green Warbler						X	I		2	2	2	1	1	Low	
AMACC01030	Mammals	Myotis austroriparius	Southeastern Myotis						X	IV		2	2	2	1	1	Low	
ARADB14020	Reptiles	Farancia erytrogramma	Rainbow Snake						E/X	IV		2	2	2	1	1	Low	
ICCOPO4020	Arthropods	Acanthocyclops columbiensis	A Copepod						X	1		2	2	2	1	1	Low	
ICMAL05240	Arthropods	Stygobromus indentatus	Tidewater Amphipod						X	III		2	2	2	1	1	Low	
ICMAL05310	Arthropods	Stygobromus spinosus	Barrelville Amphipod						X	III		2	2	2	1	1	Low	
ICMAL05830	Arthropods	Stygobromus sextarius	Capital Area Groundwater Amphipod						E/X	2		2	2	2	1	1	Low	
ICMAL07350	Arthropods	Cambarus acuminatus	Acuminate Crayfish						I/X	2		2	2	2	1	1	Low	
ICMAL11130	Arthropods	Orconectes obscurus	A Crayfish						X	IV		2	2	2	1	1	Low	
IIEPH21030	Arthropods	Siphonocentrus costalense	Spieth's Great Speckled Olive Mayfly						X	II		2	2	2	1	1	Low	
IILEYBK030	Arthropods	Meropleon titan	A Noctuid Moth						X	IV		2	2	2	1	1	Low	
IILEYK11K0	Arthropods	Euxoa immixta	Mixed Dart Moth						X	IV		2	2	2	1	1	Low	
IIOO08450	Arthropods	Gomphus parvidens	Piedmont Clubtail						EX/X	IV		2	2	2	1	1	Low	
IIOO037080	Arthropods	Celithemis ornata	Faded Pennant						X	IV		2	2	2	1	1	Low	
IIOO044020	Arthropods	Leucorrhinia frigida	Frosted Whiteface						X	IV		2	2	2	1	1	Low	
IIOO045230	Arthropods	Ladona julia	Chalk-fronted Corporal Skimmer						X	IV		2	2	2	1	1	Low	
ILARA08020	Arthropods	Sphodros rufipes	Red-legged Purse-web Spider						X	IV		2	2	2	1	1	Low	
IMBIV14180	Inverts (other)	Elliptio lanceolata	Yellow Lance						X	II		2	2	2	1	1	Low	
IMBIV14220	Inverts (other)	Elliptio producta	Atlantic Spike						I/X	IV		2	2	2	1	1	Low	
IMGAS67140	Inverts (other)	Oxyloma subeffusum	Chesapeake Ambersnail						X	III		2	2	2	1	1	Low	
IPTUR03010	Inverts (other)	Proctotyla typhlops	A Groundwater Planarian						E/X	I		2	2	2	1	1	Low	
	Arthropods	Cicindela abdominalis	Tiger Beetle						E/X	IV		2	2	2	1	1	Low	
	Arthropods	Plethodroma abdominalis	A Mining Bee						X	2		2	2	2	1	1	Low	
AAAA03060	Amphibians	Desmognathus monticola	Seal Salamander						X		2	2	2	1	1	0.5	Low	
AAAA012080	Amphibians	Plethodon hoffmani	Valley and Ridge Salamander						X		2	2	2	1	1	0.5	Low	
AAAA012140	Amphibians	Plethodon punctatus	Cow Knob Salamander						I	1	2	2	2	1	1	0.5	Low	
AAAA012220	Amphibians	Plethodon wehrle	Wehrle's Salamander						I/X	2		2	2	1	1	0.5	Low	
AAAA012260	Amphibians	Plethodon kentucki	Cumberland Plateau Salamander							IV	2	2	2	1	1	0.5	Low	
AAAA012400	Amphibians	Plethodon virginia	Shenandoah Mountain Salamander							III	1	2	2	1	1	0.5	Low	
ABNFC01020	Birds	Pelecanus occidentalis	Brown Pelican			3	X					2	2	1	1	0.5	Low	
ABNGA08010	Birds	Butorides virescens	Green Heron							IV	2	2	2	1	1	0.5	Low	
ABNJB11030	Birds	Aythya americana	Redhead			3	E/X					2	2	1	1	0.5	Low	
ABNJB21010	Birds	Mergus merganser	Common Merganser						X	2		2	2	1	1	0.5	Low	
ABNNM08050	Birds	Thalasseus sandvicensis	Sandwich Tern			2	X					2	2	1	1	0.5	Low	
ABNYF05010	Birds	Sphyrapicus varius	Yellow-bellied Sapsucker						X	2		2	2	1	1	0.5	Low	
ABPAZ01010	Birds	Sitta canadensis	Red-breasted Nuthatch			2	X					2	2	1	1	0.5	Low	
ABPBXA3033	Birds	Melospiza georgiana nigrescens	Coastal Plain Swamp Sparrow			1	I/X					2	2	1	1	0.5	Low	
AFC4E02280	Fish	Cottus sp. 1	Bluestone Sculpin							III	1	2	2	1	1	0.5	Low	
AFCJB28100	Fish	Notropis ariomomus	Popeye Shiner							II	1	2	2	1	1	0.5	Low	
AFCJB28840	Fish	Notropis scabriceps	New River Shiner							IV	1	2	2	1	1	0.5	Low	
AFCJB30030	Fish	Phenacobius mirabilis	Sucker Mouth Minnow							IV	2	2	2	1	1	0.5	Low	
AFCJB30040	Fish	Phenacobius teretulus	Kanawha Minnow							III	1	2	2	1	1	0.5	Low	
AFCJB32040	Fish	Pimephales vigilax	Bullhead Minnow							IV	2	2	2	1	1	0.5	Low	
AFCQB11080	Fish	Lepomis megalotis	Longear Sunfish					E/1		IV		2	2	1	1	0.5	Low	
AFCQC01040	Fish	Ammocrypta clara	Western Sand Darter							T/IV	1	2	2	1	1	0.5	Low	
AFCQC02550	Fish	Etheostoma osburni	Candy Darter							IV	1	2	2	1	1	0.5	Low	
AFCQC02850	Fish	Etheostoma vitreum	Glassy Darter				E/1	T/X				2	2	1	1	0.5	Low	
AFCQC04100	Fish	Percina gymnocephala	Appalachia Darter							IV	2	2	2	1	1	0.5	Low	
AFCQC04170	Fish	Percina notogramma	Stripeback Darter					E/X			1	2	2	1	1	0.5	Low	
AFCQC04190	Fish	Percina oxyrhynchus	Sharpnose Darter							IV	2	2	2	1	1	0.5	Low	
AFCQC04260	Fish	Percina sciera	Dusky Darter							IV	2	2	2	1	1	0.5	Low	
AFCQC04460	Fish	Percina bimaculata	Chesapeake Logperch				T-SR/1	T/X				2	2	1	1	0.5	Low	
AMACC08012	Mammals	Corynorhinus townsendii virginianus	Virginia Big-eared Bat	E						E/II	1	2	2	1	1	0.5	Low	
AMACC08022	Mammals	Corynorhinus rafinesquii macrotis	Eastern Big-eared Bat							E/I	1	2	2	1	1	0.5	Low	
AMAFF02020	Mammals	Reithrodontomys humulis	Eastern Harvest Mouse						Ex/X			2	2	1	1	0.5	Low	
AMAFJ01010	Mammals	Erethizon dorsatum	North American Porcupine						X			2	2	1	1	0.5	Low	
ARAAB01010	Reptiles	Chelydra s. serpentina	Common Snapping Turtle			X				IV		2	2	1	1	0.5	Low	
ARACJ02110	Reptiles	Aspidoscelis sexlineata	Eastern Six-lined Racerunner					X			1	2	2	1	1	0.5	Low	
ARADB22020	Reptiles	Nerodia erythrogaster	Redbelly Watersnake			E/1	X					2	2	1	1	0.5	Low	
IAOLI04010	Inverts (other)	Stylodrilus beattiei	A Cave Lumbriculid Worm							I	1	2	2	1	1	0.5	Low	
ICMAL01030	Arthropods	Caecidotea holsingeri	Greenbrier Valley Cave Isopod					E/X				2	2	1	1	0.5	Low	
ICMAL04010	Arthropods	Antrolana lira	Madison Cave Isopod	T						T/II	1	2	2	1	1	0.5	Low	
ICMAL05070	Arthropods	Stygobromus emarginatus	Greenbrier Cave Amphipod					E/X			1	2	2	1	1	0.5</		

IHYM24030	Arthropods	Bombus vagans	Half-black Bumble Bee				2	X				2	2	1	1	0.5	Low
IHYM24050	Arthropods	Bombus auricomus	Black and Gold Bumble Bee				2	X				2	2	1	1	0.5	Low
IILEK0C320	Arthropods	<i>Synanthedon castaneae</i>	Chestnut Clearwing Moth			Ex			IV			2	2	1	1	0.5	Low
IILEPJ6010	Arthropods	<i>Speyeria diana</i>	Diana Fritillary						IV	1		2	2	1	1	0.5	Low
IILEPK3100	Arthropods	<i>Phyciodes cocyta</i>	Northern Crescent			2		X				2	2	1	1	0.5	Low
IILER4L100	Arthropods	Palpita magniferalis	Splendid Palpita			1		X				2	2	1	1	0.5	Low
IILEU06030	Arthropods	<i>Heliomata infulata</i>	Rare Spring Moth			2			IV			2	2	1	1	0.5	Low
IILEU4X010	Arthropods	<i>Chloropteryx tepperaria</i>	Angel Winged Emerald Moth				2	X				2	2	1	1	0.5	Low
IILEYC0070	Arthropods	<i>Papaipema araliae</i>	Aralia Shoot Borer Moth				E/1	X				2	2	1	1	0.5	Low
IILEYC4010	Arthropods	<i>Bellura gortynoides</i>	White-tailed Diver Moth				DN	X				2	2	1	1	0.5	Low
IILEYDE060	Arthropods	Elaphria georgei	George's Midget Moth			1		X				2	2	1	1	0.5	Low
IID0I21202	Arthropods	Ophiogomphus incurvatus incurvatus	Appalachian Snaketail			1		X				2	2	1	1	0.5	Low
IID0I21212	Arthropods	Ophiogomphus mainensis fastigiatus	A Snaketail							1		2	2	1	1	0.5	Low
IID0I14040	Arthropods	<i>Aeshna constricta</i>	Lance-tipped Darner			2			IV			2	2	1	1	0.5	Low
IID0A44070	Arthropods	<i>Leucorrhinia proxima</i>	Red-waisted Whiteface			1			IV			2	2	1	1	0.5	Low
IID0A67040	Arthropods	<i>Lestes congener</i>	Spotted Spreadwing				2	X				2	2	1	1	0.5	Low
IID0A67051	Arthropods	<i>Lestes disjunctus</i>	Common/Northern Spreadingwing						IV	2		2	2	1	1	0.5	Low
IID0D72040	Arthropods	<i>Ischnura prognata</i>	Furtive Forktail			1		X				2	2	1	1	0.5	Low
IID0D78010	Arthropods	<i>Chromagrion conditum</i>	Aurora Damselfly				2	X				2	2	1	1	0.5	Low
IIORT11020	Arthropods	<i>Appalachia hebaridi</i>	Appalachian Grasshopper				SR/1					2	2	1	1	0.5	Low
IIPLE01110	Arthropods	<i>Allocaupnia illinoensis</i>	Illinois Snowfly			X						2	2	1	1	0.5	Low
IIPLE01310	Arthropods	<i>Allocaupnia simmonsii</i>	Spatulate Snowfly			1			II			2	2	1	1	0.5	Low
IIPLE0M020	Arthropods	<i>Ostrocerca complexa</i>	Notched Forestfly						IV	2		2	2	1	1	0.5	Low
IIPLE11140	Arthropods	<i>Alloperla idei</i>	Vernal Sallfly			1			III			2	2	1	1	0.5	Low
IIPLE19200	Arthropods	<i>Sweltsa pochatontas</i>	A Stonefly					X		2		2	2	1	1	0.5	Low
IIPLE19320	Arthropods	Sweltsa palenarata	Shenandoah Sallfly			1		X		2		2	2	1	1	0.5	Low
IIPLE2E020	Arthropods	<i>Diploperla kanawholensis</i>	Little Kanawha Periodid Stonefly						II	2		2	2	1	1	0.5	Low
IIPLE2Q080	Arthropods	<i>Isogenoides varians</i>	Rock Island springfly			X			III			2	2	1	1	0.5	Low
IITR125380	Arthropods	Hydropsyche hoffmani	A Caddisfly				1	X				2	2	1	1	0.5	Low
IMBIV02110	Inverts (other)	<i>Alasmidonta viridis</i>	Slippershell Mussel			H			E/I			2	2	1	1	0.5	Low
IMBIV08010	Inverts (other)	<i>Cumberlandia monodonta</i>	Spectaclecase			E			E/I	1		2	2	1	1	0.5	Low
IMBIV35080	Inverts (other)	<i>Pleurobema collina</i>	James Spiny mussel			E			E/I	1		2	2	1	1	0.5	Low
IMBIV35240	Inverts (other)	<i>Pleurobema plenum</i>	Rough Pigtoe			E	1		E/I			2	2	1	1	0.5	Low
IMBIV35250	Inverts (other)	<i>Pleurobema rubrum</i>	Pyramid Pigtoe				1		E/II			2	2	1	1	0.5	Low
IMGAS20080	Inverts (other)	<i>Vertigo bollesiana</i>	Delicate Vertigo			2						2	2	1	1	0.5	Low
IMGAS20100	Inverts (other)	<i>Vertigo clappi</i>	Cupped Vertigo						III	1		2	2	1	1	0.5	Low
IMGAS20270	Inverts (other)	<i>Vertigo parvula</i>	Smallmouth Vertigo						III	2		2	2	1	1	0.5	Low
IMGAS20360	Inverts (other)	<i>Vertigo teskeyae</i>	Swamp Vertigo				2		IV			2	2	1	1	0.5	Low
IMGAS50180	Inverts (other)	<i>Helicodiscus shimeki</i>	Temperate Coil						IV	2		2	2	1	1	0.5	Low
IMGAS50200	Inverts (other)	<i>Helicodiscus triodus</i>	Talus Coil						II	1		2	2	1	1	0.5	Low
IMGAS63110	Inverts (other)	<i>Pallifera varia</i>	Variable Mantleslug			2						2	2	1	1	0.5	Low
IMGAS64040	Inverts (other)	<i>Philomycus virginicus</i>	Virginia Mantleslug						III	2		2	2	1	1	0.5	Low
IMGAS66110	Inverts (other)	Catinella hubrichti	Snowhill Ambersnail				1	X				2	2	1	1	0.5	Low
IMGAS67030	Inverts (other)	Oxytoma effusum	Coastal-plain Ambersnail				1	X				2	2	1	1	0.5	Low
IMGAS72010	Inverts (other)	<i>Gastrodonta fonticula</i>	Appalachia Bellytooth						III	2		2	2	1	1	0.5	Low
IMGAS73150	Inverts (other)	<i>Glyphyalinia praecox</i>	Brilliant Glyph						IV	2		2	2	1	1	0.5	Low
IMGAS73240	Inverts (other)	<i>Glyphyalinia virginica</i>	Depressed Glyph						III	1		2	2	1	1	0.5	Low
IMGAS75130	Inverts (other)	<i>Mesomphix rugeli</i>	Wrinkled Button						IV	2		2	2	1	1	0.5	Low
IMGAS78250	Inverts (other)	<i>Paravitrea reesei</i>	Round Supercoil						II	2		2	2	1	1	0.5	Low
IMGAS78270	Inverts (other)	<i>Paravitrea seradens</i>	Barred Supercoil						II	2		2	2	1	1	0.5	Low
IMGAS78300	Inverts (other)	<i>Paravitrea subtilis</i>	Slender Supercoil						II	2		2	2	1	1	0.5	Low
IMGAS82020	Inverts (other)	<i>Ventridens arcellus</i>	Golden Dome						IV	2		2	2	1	1	0.5	Low
IMGAS82050	Inverts (other)	<i>Ventridens coelaxis</i>	Bidentate Dome						III	2		2	2	1	1	0.5	Low
IMGAS82120	Inverts (other)	<i>Ventridens lasmodon</i>	Hollow Dome						IV	2		2	2	1	1	0.5	Low
IMGAS82130	Inverts (other)	<i>Ventridens lawae</i>	Rounded Dome						III	2		2	2	1	1	0.5	Low
IMGAS95010	Inverts (other)	<i>Mesodon andrewsae</i>	Balsam Globe						II	1		2	2	1	1	0.5	Low
IMGAS95090	Inverts (other)	<i>Mesodon clausus</i>	Yellow Globelet Snail						IV	2		2	2	1	1	0.5	Low
IMGAS98210	Inverts (other)	<i>Stenotrema simile</i>	Bear Creek Siltmouth					X		1		2	2	1	1	0.5	Low
IMGASA1340	Inverts (other)	<i>Triodopsis rugosa</i>	Buttressed Threetooth						IV	1		2	2	1	1	0.5	Low
IMGASA1370	Inverts (other)	<i>Triodopsis tennesseensis</i>	Budded Threetooth						IV	2		2	2	1	1	0.5	Low
IMGASA1410	Inverts (other)	<i>Triodopsis anteridon</i>	Carter Threetoothed Snail						III	2		2	2	1	1	0.5	Low
IMGASK5170	Inverts (other)	<i>Leptoxis dilatata</i>	Seep Mudalia						IV	2		2	2	1	1	0.5	Low
IPUR09010	Inverts (other)	<i>Geocentrophora cavernicola</i>	A Cave Flatworm						III	1		2	2	1	1	0.5	Low
ITUNIO3060	Arthropods	<i>Pseudotremia princeps</i>	South Branch Valley Cave Millipede						II	1		2	2	1	1	0.5	Low
	Arthropods	Cambarus hatfieldi	Tug Valley Crayfish						II	1		2	2	1	1	0.5	Low
	Arthropods	Ephemera inconstans	A Mayfly			1			III			2	2	1	1	0.5	Low
	Arthropods	Lasioglossum marimum	A Sweat Bee				2	X				2	2	1	1	0.5	Low
	Arthropods	Nomada rubicunda	A Cuckoo Bee				2	X				2	2	1	1	0.5	Low
	Arthropods	<i>Phyciodes bastesii</i>	Tawny Crescent						II	2		2	2	1	1	0.5	Low
	Arthropods	<i>Poanes massasoit chermocki</i>	Chermock's Mulberry Wing				E/1	E/X				2	2	1	1	0.5	Low
	Arthropods	Pompilus verna	Little Glassywing					DN		3		2	2	1	1	0.5	Low
	Arthropods	Tethida barda	Blackheaded Ash Sawfly				1	X				2	2	1	1	0.5	Low
	Inverts (other)	<i>Sphalloplana pricea</i>	Refton Cave Planarian				SR/1	X				2	2	1	1	0.5	Low
	Inverts (other)	<i>Triodopsis fraudulenta</i>	Buffed Threetooth				2		IV			2	2	1	1	0.5	Low
	Mammals	Lasiurus seminolus	Seminole Bat					X			2	2	2	1	1	0.5	Low