

An indicator fish species and two fur-bearer species were felt to be indicators of certain ecosystem health or are in need of conservation and therefore were added to the SGNC list.

Species	Global Rank	State Rank
Brook Trout	G5	S4
Northern River Otter	G5	S2
Fisher	G5	S3

Step 5. Prioritizing the List.

It was decided that each species on the SGNC list would be placed in a priority group.

Priority Groups

Priority 1: Vertebrate Criteria

- All species with a NatureServe Global rank of G1-G3G4 and a state rank of SH, S1, S1S2
- Experts were consulted and some species not meeting these criteria were added to Priority list 1. Most birds added to the list were identified by Partner’s in Flight as foci for research due to population declines as well as the large proportions of their total breeding populations occurring in West Virginia. These and other species added included:

Species	Global Rank	State Rank
Eastern Hellbender	G4	S2
Upland Chorus Frog	G5T5	S2
Wood Turtle	G4	S2
Timber Rattlesnake	G4	S3
Eastern Spotted Skunk	G5	S2S3
Cerulean Warbler	G4	S4B
Bald Eagle	G4	S2B, S3N
Golden-winged Warbler	G4	S2B
Saw-whet Owl	G5	S2B, S3N
American Woodcock	G5	S4B, S4N
Blue-winged Warbler		
Worm-eating Warbler		
Louisiana Waterthrush		
Wood Thrush		

Prairie Warbler		
Acadian Flycatcher		
Kentucky Warbler		
Eastern Wood Peewee		
Whip-Poor-Will		
Field Sparrow		

Priority 1: Invertebrate Criteria

- All species with a NatureServe Global rank of G1-G3G4

Many invertebrate species are lacking data and even though they have a high Global rank, they can not be placed in a Priority 1 category. Species *excluded* from Priority group 1 are:

Common Name	Global Rank	State Rank
Stoneflies:		
Monongahela Snowfly	G2	S2
Aracoma Sallfly	G3	S1
Dusky Sallfly	G3	S1
Little Kanawha Perlodid Stonefly	G3	S1
Hanson's Appalachian Stonefly	G3	S2
Splendid Stonefly	G2	S1
Shenandoah Stonefly	G2	S1
Notched Forestfly	G4	S1
Bent Forestfly	G3	S1
Spiny Salmonfly	G3	S2
Pocahontas Sallfly	G2	S2
Gaspe Sallfly	G3	S1
Emerton's Grass Spider	G?	S1
Reddish Arctosa	G?	S1
West Virginia Calymmaria	G1	S1
Diverse Ant Mimic	G?	S1
Jenning's Comb-foot	G1	S1
Fierce Wolf Spider	G?	S1
Carolina Wolf Spider	G?	S1
Vegetable Leaf Wolf Spider	G?	S1
Barred Neriene	G?	S1
Shy Toad Spider	G?	S1
Adorned Leopard-Wolf Spider	G?	S1
Island Pirate Spider	G?	S1
Sedentary Pirate	G?	S1

Seminole Swamp Pirate	G?	S1
Eager Swamp Pirate	G?	S1
Backward Schizocosa	G?	S1
Garden Rug Merchant	G?	S1
Hentz's Zelotes	G?	S1
Moths:		
<i>Catocala dulciola</i>	G3	SU
<i>Catocala herodias gerhardi</i>	G3T3	SU
<i>Chaetagnaea cerata</i>	G3G4	S1
<i>Euchlaena milnei</i>	G2G4	S2
<i>Hadena ectypa</i>	G3G4	S1
<i>Merolonche dollii</i>	G3G4	SH
Landsnails:		
Maryland Glyph Snail	G2	S2
Tallus Coil	G2	SH
Seep Mudalia	G2?	SU
Round Supercoil	G3	S1
Barred Supercoil	G3	SH
Shale Pebblesnail	G3	SU

Priority 2: Vertebrate Criteria:

- All species with a NatureServe State rank of S2, S2S3, S3S4 (all of the rest of the SGNC not included in Group 1)
- Experts were consulted and one species fitting the Group 1 criteria was demoted to Group 2:

Species	Global Rank	State Rank
Evening Bat	G5	S1

Priority 2: Invertebrate Criteria:

- All species with a NatureServe Global rank of G4 and G5 (and all of the invertebrates *excluded* from Group 1 listed above).

State Experts: Individuals / Groups Consulted for SGNC List

- Dr. Thomas K. Pauley – Reptiles and Amphibians, Marshall University
- Jayme Waldron - Reptiles and Amphibians, Clemson University
- Jeff Humphries - Amphibians, Clemson University