

Wisconsin's Wildlife Action Plan (2005-2015)

Species of Greatest Conservation Need: Number of Known Occurrences and High Priority in a 2008-2015 Conservation Opportunity Area

Vertebrate Species of Greatest Conservation Need

[Common Name - WI Area of Importance* - Number of COA(s) listed as Present/Priority]

Birds

Acadian Flycatcher – Low – 5/2	American Bittern – Very High – 20/6
American Black Duck – Moderate – 8/0	American Golden Plover – Low – 14/5
American Woodcock – Very High – 21/3	Bald Eagle – High – 18/4
Barn Owl – Very Low – 0/0	Bell's Vireo – Low – 5/4
Black Tern – Low – 21/6	Black-backed Woodpecker – Low – 8/6
Black-billed Cuckoo – Very High – 28/8	Black-throated Blue Warbler – Low – 8/4
Blue-winged Teal – Low – 34/11	Blue-winged Warbler – High – 15/11
Bobolink – High – 25/3	Boreal Chickadee – Low – 4/4
Brown Thrasher – Very High – 24/8	Buff-breasted Sandpiper – Low – 6/2
Canada Warbler – Very High – 20/11	Canvasback – Very High – 10/1
Caspian Tern – Low – 4/3	Cerulean Warbler – Low – 8/5
Common Tern – Moderate – 9/7	Connecticut Warbler – High – 10/6
Dickcissel – Low – 5/2	Dunlin – Moderate – 11/5
Eastern Meadowlark – High – 22/4	Field Sparrow – High – 26/13
Forster's Tern – Low – 9/6	Golden-winged Warbler – Very High – 20/5
Grasshopper Sparrow – Low – 18/5	Great Egret – Low – 6/3
Greater Prairie-Chicken – Low – 2/1	Henslow's Sparrow – Very High – 16/7
Hooded Warbler – Low – 3/3	Horned Grebe – Low – 4/3
Hudsonian Godwit – Low – 8/3	Kentucky Warbler – Low – 4/2
King Rail – Low – 4/3	Kirtland's Warbler – Very Low – 0/0
Lark Sparrow – Low – 5/2	Le Conte's Sparrow – Low – 8/5
Least Flycatcher – Very High – 27/5	Lesser Scaup – Very High – 12/1
Loggerhead Shrike – Very Low – 1/1	Louisiana Waterthrush – Low – 12/4
Marbled Godwit – Very Low – 9/7	Nelson's Sharp-tailed Sparrow – Low – 1/1
Northern Bobwhite – Low – 5/4	Northern Goshawk – Low – 15/6
Northern Harrier – High – 32/5	Olive-sided Flycatcher – Low – 14/7
Osprey – Low – 18/1	Peregrine Falcon – Low – 1/1
Piping Plover – Very Low – 2/2	Prothonotary Warbler – Moderate – 9/5
Red Crossbill – Moderate – 5/3	Redhead – Low – 4/4
Red-headed Woodpecker – High – 11/8	Red-necked Grebe – Low – 5/3
Red-shouldered Hawk – Low – 20/8	Rusty Blackbird – Low – 34/9
Sharp-tailed Grouse – Moderate – 11/2	Short-billed Dowitcher – Moderate – 9/2
Short-eared Owl – Low – 16/7	Snowy Egret – Very Low – 2/1
Solitary Sandpiper – Moderate – 33/8	Spruce Grouse – Low – 6/6
Trumpeter Swan – Low – 7/3	Upland Sandpiper – Low – 15/1
Veery – Very High – 36/7	Vesper Sparrow – High – 11/4
Western Meadowlark – Low – 8/4	Whimbrel – Low – 5/4
Whip-poor-will – Moderate – 17/8	Whooping Crane – Moderate – 2/2
Willow Flycatcher – High – 19/9	Wilson's Phalarope – Low – 2/1
Wood Thrush – Moderate – 9/4	Worm-eating Warbler – Low – 1/1
Yellow Rail – Low – 8/3	Yellow-billed Cuckoo – Low – 19/13
Yellow-crowned Night-Heron – Low – 2/1	Yellow-throated Warbler – Very Low – 2/1

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Fish

American Eel – Very Low – 0/0	Banded Killifish – Moderate – 5/1
Black Buffalo – Low – 5/2	Black Redhorse – Low – 1/1
Blue Sucker – Very High – 2/1	Bluntnose Darter – Very Low – 1/1
Crystal Darter – High – 2/1	Gilt Darter – Low – 7/1
Goldeye – Very Low – 1/1	Gravel Chub – Low – 2/2
Greater Redhorse – Very High – 18/3	Kiyi – Very High – 1/1
Lake Chubsucker – Low – 4/2	Lake Sturgeon – Very High – 19/6
Least Darter – Moderate – 11/5	Longear Sunfish – Low – 7/3
Ozark Minnow – Low – 4/4	Paddlefish – Low – 2/1
Pallid Shiner – Very Low – 1/1	Pugnose Shiner – Very High – 6/3
Redfin Shiner – Low – 3/2	Redside Dace – Very High – 5/3
River Redhorse – Moderate – 7/1	Shoal Chub (Speckled Chub) – Low – 5/3
Shortjaw Cisco – Very High – 1/1	Skipjack Herring – Very Low – 0/0
Slender Madtom – Low – 1/1	Starhead Topminnow – Low – 3/3
Striped Shiner – Very Low – 1/1	Western Sand Darter – High – 5/1

Mammals

American Marten – Low – 2/1	Eastern Red Bat – Low – 40/4
Franklin's Ground Squirrel – Low – 11/3	Gray Wolf – Moderate – 15/9
Hoary Bat – Low – 28/6	Moose – Very Low – 5/0
Northern Flying Squirrel – Low – 22/11	Northern Long-eared Bat – Low – 31/3
Prairie Vole – Low – 5/3	Silver-haired Bat – Low – 25/6
Water Shrew – Low – 29/14	White-tailed Jackrabbit – Very Low – 0/0
Woodland Jumping Mouse – Low – 19/7	Woodland Vole – Low – 3/2

Reptiles and Amphibians

Black Rat Snake – Low – 2/2	Blanchard's Cricket Frog – Low – 5/5
Blanding's Turtle – High – 36/10	Boreal Chorus Frog – Low – 8/7
Bullsnake – Low – 12/7	Butler's Garter Snake – High – 1/0
Eastern Massasauga Rattlesnake – Low – 3/3	Four-toed Salamander – Moderate – 42/6
Midland Smooth Softshell Turtle – Moderate – 3/1	Mink Frog – Moderate – 25/11
Mudpuppy – Moderate – 17/5	Northern Prairie Skink – Moderate – 4/4
Northern Ribbon Snake – Low – 1/1	Ornate Box Turtle – Low – 4/4
Pickerel Frog – Low – 38/3	Prairie Racerunner – Low – 3/3
Prairie Ringneck Snake – Low – 5/4	Queen Snake – Low – 1/1
Timber Rattlesnake – Moderate – 7/5	Western Ribbon Snake – Very Low – 1/0
Western Slender Glass Lizard – Low – 4/1	Western Worm Snake – Very Low – 1/1
Wood Turtle – Moderate – 46/18	Yellow-bellied Racer – Low – 5/2

FYI – Percent of Occurrences from in the NHI Portal found in COAs (select Species)

- Black Tern – 85%
- Henslow's Sparrow – 82%
- Cerulean Warbler – 79%
- American Bittern – 76%
- Western Slender Glass Lizard – 75%
- Pugnose Shiner – 74%
- Black-throated Blue Warbler – 81%
- Woodland Jumping Mouse – 83%

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Species of Greatest Conservation Need: Number of Known Occurrences and High Priority in a 2008-2015 Conservation Opportunity Area

Of the more than 25,000 species of invertebrates native to Wisconsin, 530 species in three major taxonomic groups were identified as Species of Greatest Conservation Need. Approximately sixty percent of the SGCN invertebrates are known to occur in at least one Conservation Opportunity Area. With many other SGCN invertebrates, inventory has not yet been completed. Below is a list of those invertebrate SGCNs identified being a high priority in one or more COAs/Ecological Landscapes.

Invertebrate Species of Greatest Conservation Need [Common Name - Number of COA(s)]

Beetles

Crawling Water Beetles (spp) – 3	Knobel's Riffle Beetle – 1	Pale Tiger Beetle – 1
Predaceous Diving Beetles (spp) – 7	Riffle Beetles (spp) – 4	Robust Dubiraphian Riffle Beetle – 5
Tiger Beetles (spp) – 1	Virginia Big-headed Tiger Beetle – 1	Water Scavenger Beetles (spp) – 5

Butterflies and Moths

Bina Flower Moth – 2	Bog Copper – 1	Bog Fritillary – 16
Bog Fritillary – 16	Broad-winged Skipper – 1	Brown Elfin – 2
Buck Moth – 2	Buck Moth – 2	Chrysus Arctic – 3
Cobweb Skipper – 4	Columbine Dusky Wing – 3	Dion Skipper – 3
Dusted Skipper – 6	Ernestine's Moth – 1	Freija Fritillary – 5
Frigga Fritillary – 10	Frigga Fritillary – 10	Frosted Elfin – 3
Gorgone Checker Spot – 4	Graceful Clearwing – 5	Harris' Checkerspot – 3
Henry's Elfin – 6	Hickory Hairstreak – 1	Hoary Elfin – 5
Indian Skipper – 5	Jutta Arctic – 10	Jutta Arctic – 10
Karner Blue Butterfly – 6	Laurentian Skipper – 10	Laurentian Skipper – 10
Leonard's Skipper – 6	Liatris Borer Moth – 2	Marbleseed Leafminer – 2
Mottled Dusky Wing – 2	Mulberry Wing – 4	Northern Blue Butterfly – 2
Old Maid Underwing Moth – 2	Olympia Marble – 3	Ottoo Skipper – 6
Persius Dusky Wing – 2	Persius Dusky Wing – 2	Phlox Moth – 3
Phyllira Tiger Moth – 3	Pink Sallow – 2	Pink-edged Sulphur – 4
Powesheik Skipperling – 1	Red-disked Alpine – 5	Regal Fritillary – 7
Silphium Borer Moth – 2	Sprague's Pygarcia – 1	Swamp Metalmark – 3
Tawny Crescent – 4	Two-spotted Skipper – 12	Two-spotted Skipper – 12
West Virginia White – 3	Whitney's Underwing Moth – 3	Wild Indigo Dusky Wing – 2

Caddisflies

A Purse Casemaker Caddisfly – 1	Common Netspinner Caddisfly – 2	Giant Casemaker Caddisfly – 4
Humpless Casemaker Caddisfly – 1	Lepidostomatid Caddisfly – 1	Long-horned Casemaker Caddis. – 2

Crustaceans

Calico Crayfish – 1	Holarctic Clam Shrimp – 1	Mississippi Grass Shrimp – 2
White River Crayfish – 3		

Dragonflies and Damselflies

Aurora Damselfly – 1	Barrens Snaketail – 2	Clamp-tipped Emerald – 2
Delicate Emerald – 1	Eastern Red Damsel – 3	Elegant Spreadwing – 4
Elfin Skimmer – 3	Elusive Clubtail – 4	Extra-striped Snaketail – 7
Fragile Forktail – 2	Gloyd's Bluet – 1	Green-faced Clubtail – 1
Hine's Emerald Dragonfly – 1	Jade Clubtail – 1	Lancet Clubtail – 12
Least Clubtail – 2	Plains Clubtail – 3	Pygmy Snaketail – 13
Riffle Snaketail – 2	Ringed Boghaunter – 3	River Bluet – 1
Royal River Cruiser – 1	Sand Snaketail – 7	Skillet Clubtail – 1
Ski-tailed Emerald – 1	Spatterdock Darner – 3	Splendid Clubtail – 1
St. Croix Snaketail – 6	Stygian Shadowfly – 4	Swamp Darner – 1
Warpaint Emerald – 3	Zebra Clubtail – 1	

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Grasshoppers and Allies

Ash-brown Grasshopper – 1	Blue-legged Grasshopper – 1	Dawson's spur-throated Grasshr – 1
Gladston's Spur-throat Grasshr – 1	Green-streaked Grasshopper – 1	Lake Huron Locust – 1
Mermiria Grasshopper – 1	Northern Marbled Locust – 1	Obscure Grasshopper – 1
Sand Locust – 2	Seaside Grasshopper – 1	Short-winged Grasshopper – 1
Speckled Rangeland Grasshopper – 1	Spotted-winged Grasshopper – 2	Spur-throat Grasshopper – 1

Land Snails

Black Striate – 3	Boreal Top – 4	Bright Glyph (snail) – 1
Cherrystone Drop – 5	Honey Vertigo – 1	Iowa Pleistocene Vertigo – 2
Midwest Pleistocene Vertigo – 4	Mystery Vertigo – 3	Sculpted Glyph – 3
White-lip Dagger – 3	Wing Snaggletoth – 1	

Leafhoppers and True Bugs

Attenuipyga vanduzeei (A Leafhpr) – 2	Broad-shouldered Water Striders – 1	Driotura robusta – 1
Laevicephalus vannus – 1	Memnonia panzeri – 1	Paraphilaenus parallelus – 1
Prairiana cinerea – 1	Prairiana kansana – 1	Prairie Leafhopper – 1
Prairie Leafhopper – 1	Red-tailed Leafhopper – 5	Velvet Water Bug – 1
Velvet Waterbug – 1	Water Measurers (spp) – 3	Water Scorpions (spp) – 3

Mayflies

A Brush-legged Mayfly – 2	An Armoured Mayfly – 4	Caenid Mayfly – 2
Common Burrower Mayflies (spp) – 4	Flat-headed Mayflies (spp) – 4	Pecatonica River Mayfly – 1
Primitive Minnow Mayfly – 2	Small Minnow Mayflies (spp) – 2	Small Square-gilled Mayfl (spp) – 2

Mussels

Buckhorn – 6	Bullhead (mussel) – 2	Butterfly (mussel) – 2
Ebony Shell – 1	Elephant Ear – 2	Elktoe – 4
Ellipse – 6	Fawnsfoot – 4	Flat Floater – 1
Higgins' Eye – 4	Mapleleaf – 3	Monkeyface – 2
Pink Papershell – 2	Purple Wartyback – 7	Rainbow Shell – 2
Rock Pocketbook – 1	Round Pigtoe – 4	Salamander Mussel – 9
Slippershell Mussel – 7	Slough Sandshell – 1	Snuffbox – 7
Spectacle Case – 6	Wartyback – 2	Washboard – 1
Winged Mapleleaf – 4	Yellow Sandshell – 2	

Stoneflies

Clio Stripetail – 2	Rolled-winged Winter Stonefly – 1
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Natural Communities [Community Name - Number of COA(s)]

Aquatic

Coldwater streams – 7	Coolwater streams – 8	Drainage (Inland) lakes – 2
Great Lakes – 3	Impoundments/Reservoirs – 5	Inland lakes – 5
Pothole Lakes (Inland) – 1	Springs & Spring Runs – 1	Warmwater rivers – 12
Warmwater streams – 7		

Community Complexes

Forested Ridge and Swale – 2

Geological Features-Communities

Algific Talus Slope – 1	Alvar – 1	Bedrock Glade – 8
Dry Cliff – 11	Great Lakes Alkaline Rockshore – 1	Great Lakes Beach – 6
Great Lakes Dune – 6	Inland Beach – 1	Moist Cliff – 12
Niagara Escarpment (Dry Cliff) – 1		

Miscellaneous Communities

Bat Hibernacula – 4	Herp Hibernacula – 1	
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Savannas and Woodlands

Great Lakes Barrens – 3	Oak Barrens – 9	Oak Opening – 12
Pine Barrens – 3		

Shrub Communities

Alder Thicket – 10	Bog Relict – 3	Muskeg – 7
Open Bog – 12	Shrub Carr – 13	

Upland Forests

Boreal Forest – 4	Central Sands Pine–Oak Forest – 3	Hemlock Relict – 1
Northern Dry Forest – 9	Northern Dry-Mesic Forest – 18	Northern Mesic Forest – 11
Oak Woodland – 6	Pine Relict – 1	Southern Dry Forest – 9
Southern Dry-Mesic Forest – 7	Southern Mesic Forest – 2	

Upland Herbaceous Communities

Bracken Grassland – 1	Dry Prairie – 9	Dry-Mesic Prairie – 3
Sand Barrens – 1	Sand Prairie – 7	Surrogate Grasslands – 12

Wetland Forests

Floodplain Forest – 15	Forested Seep – 3	Northern Hardwood Swamp – 10
Northern Wet Forest – 21	Northern Wet-Mesic Forest – 12	Southern Tamarack Swamp – 1
Tamarack Swamp – 1	White Pine–Red Maple Swamp – 1	

Wetland Herbaceous

Boreal Rich Fen – 2	Calcareous Fen (Southern) – 7	Emergent Aquatic – 21
Emergent Aquatic-Wild Rice – 5	Great Lakes Coastal Fen – 2	Interdunal Wetland – 1
Northern Sedge Meadow – 20	Poor Fen – 2	Southern Sedge Meadow – 10
Submergent Aquatic – 9	Submergent Aquatic-Oligotr. marsh – 4	Wet Prairie – 5
Wet-Mesic Prairie – 5		