

Appendix H. Great Lakes Region SGCN Habitat and Subhabitat Tables

Table H-1. SGCN Occurring in Agricultural Systems in the Great Lakes Region.

Taxa	Group	Scientific Name	Common Name
Birds	Waterfowl	<i>Cygnus buccinator</i>	Trumpeter Swan
	Quail & Grouse	<i>Colinus virginianus</i>	Northern Bobwhite
	Cranes	<i>Grus canadensis</i>	Sandhill Crane
		<i>Grus americana</i>	Whooping Crane
	Shorebirds	<i>Pluvialis dominica</i>	American Golden-plover
		<i>Bartramia longicauda</i>	Upland Sandpiper
		<i>Calidris subruficollis</i>	Buff-breasted Sandpiper
		<i>Tringa solitaria</i>	Solitary Sandpiper
	Raptors	<i>Circus cyaneus</i>	Northern Harrier
		<i>Tyto alba</i>	Barn Owl
		<i>Asio flammeus</i>	Short-eared Owl
	Songbirds	<i>Lanius ludovicianus</i>	Loggerhead Shrike
		<i>Cistothorus platensis</i>	Sedge Wren
<i>Sturnella neglecta</i>		Western Meadowlark	
Mammals	Rodents	<i>Spermophilus franklinii</i>	Franklin's Ground Squirrel
	Bears	<i>Ursus americanus</i>	Black Bear
	Mustelids	<i>Mustela nivalis</i>	Least Weasel
		<i>Taxidea taxus</i>	American Badger
Reptiles	Turtles	<i>Terrapene carolina</i>	Eastern Box Turtle
	Snakes	<i>Thamnophis radix</i>	Plains Gartersnake
		<i>Sistrurus catenatus</i>	Eastern Massasauga

Table H-2. SGCN Occurring in Aquatic Systems in the Great Lakes Region.

Taxa	Group	Scientific Name	Common Name	Big Rivers	Medium Rivers	Low Gradient	Moderate Gradient	High Gradient	Pools	Riffles	Springs/ Spring Brooks	Creeks	Shallow Water Lakes	Deep Water Lakes	Lake Michigan	Comments
Amphibians	Aquatic Salamanders	<i>Necturus maculosus</i>	Common Mudpuppy	X	X							X	X	X		Requires silt-free areas for nesting.
	Salamanders	<i>Ambystoma laterale</i>	Blue-spotted Salamander										X			
	Frogs	<i>Acris blanchardi</i>	Blanchard's Cricket Frog			X			X			X	X			
Birds	Waterfowl	<i>Cygnus buccinator</i>	Trumpeter Swan										X			Can use impoundments.
	Rails	<i>Rallus limicola</i>	Virginia Rail								X		X			
		<i>Gallinula galeata</i>	Common Gallinule										X			
	Cranes	<i>Grus canadensis</i>	Sandhill Crane			X	X						X			
		<i>Grus americana</i>	Whooping Crane										X			
	Shorebirds	<i>Charadrius melodus</i>	Piping Plover												X	
		<i>Arenaria interpres</i>	Ruddy Turnstone										X		X	
		<i>Calidris canutus rufa</i>	Rufa Red Knot												X	
		<i>Limnodromus griseus</i>	Short-billed Dowitcher										X		X	
		<i>Tringa solitaria</i>	Solitary Sandpiper		X	X						X	X			
		<i>Tringa melanoleuca</i>	Greater Yellowlegs										X			
		<i>Phalaropus tricolor</i>	Wilson's Phalarope										X			
	Terns	<i>Sternula antillarum athalassos</i>	Interior Least Tern	X	X								X	X		Can use borrow pits.

Taxa	Group	Scientific Name	Common Name	Big Rivers	Medium Rivers	Low Gradient	Moderate Gradient	High Gradient	Pools	Riffles	Springs/ Spring Brooks	Creeks	Shallow Water Lakes	Deep Water Lakes	Lake Michigan	Comments
		<i>Chlidonias niger</i>	Black Tern	X	X	X							X	X		Can use impoundments.
	Herons	<i>Botaurus lentiginosus</i>	American Bittern										X			Can use impoundments.
		<i>Ixobrychus exilis</i>	Least Bittern										X			
		<i>Ardea alba</i>	Great Egret	X	X	X	X		X	X	X	X	X		X	
		<i>Nycticorax nycticorax</i>	Black-crowned Night-heron			X	X		X				X		X	
	Raptors	<i>Pandion haliaetus</i>	Osprey	X	X		X	X					X	X	X	Can use impoundments and borrow pits.
		<i>Ictinia mississippiensis</i>	Mississippi Kite	X	X		X	X					X	X		
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	X	X		X	X					X	X	X	Can use impoundments and borrow pits.
		<i>Falco peregrinus</i>	Peregrine Falcon												X	Can use impoundments.
	Songbirds	<i>Cistothorus palustris</i>	Marsh Wren										X			
Fish	Lampreys	<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey		X	X	X		X	X						
	Sturgeons	<i>Acipenser fulvescens</i>	Lake Sturgeon	X		X	X						X	X	X	
	Carps and Minnows	<i>Notropis anogenus</i>	Pugnose Shiner		X	X			X				X	X	X	
		<i>Rhinichthys cataractae</i>	Longnose Dace		X		X	X		X			X	X	X	
	Trouts and Salmons	<i>Coregonus artedi</i>	Cisco	X									X	X	X	
	Suckers	<i>Moxostoma valenciennesi</i>	Greater Redhorse	X	X		X	X	X				X	X		
	Trout-perches	<i>Percopsis omiscomaycus</i>	Trout-perch	X	X		X		X				X	X	X	
	Sculpins	<i>Cottus cognatus</i>	Slimy Sculpin		X			X		X	X	X	X	X	X	

Taxa	Group	Scientific Name	Common Name	Big Rivers	Medium Rivers	Low Gradient	Moderate Gradient	High Gradient	Pools	Riffles	Springs/ Spring Brooks	Creeks	Shallow Water Lakes	Deep Water Lakes	Lake Michigan	Comments
Mammals	Shrews and Moles	<i>Condylura cristata</i>	Star-nosed Mole										X			
Mollusks	Mussels	<i>Lampsilis fasciola</i>	Wavyrayed Lampmussel	X	X					X		X				
		<i>Pleurobema clava</i>	Clubshell	X	X					X		X				
		<i>Ptychobranchus fasciolaris</i>	Kidneyshell	X	X		X	X		X		X	X	X		
		<i>Simpsonaias ambigua</i>	Salamander Mussel	X	X		X					X	X			
		<i>Venustaconcha ellipsiformis</i>	Ellipse		X					X		X				
		<i>Villosa fabalis</i>	Rayed Bean		X					X		X	X			
	Snails	<i>Campeloma decisum</i>	Pointed Campeloma	U	U	U	U	U	U	U	U	U	U	U	U	Can be found in areas with decent current in rivers or lakes over sand.
		<i>Lymnaea stagnalis</i>	Swamp Lymnaea	U	U	U	U	U	U	U	U	U	U	U	U	Can be found in slower moving areas/backwaters of rivers or lakes.
Reptiles	Turtles	<i>Clemmys guttata</i>	Spotted Turtle			X			X			X	X			
		<i>Emydoidea blandingii</i>	Blanding's Turtle		X	X			X			X	X			
	Snakes	<i>Thamnophis proximus</i>	Western Ribbonsnake			X	X		X			X	X			
		<i>Nerodia erythrogaster neglecta</i>	Copper-bellied Watersnake		X	X						X	X			

Table H-3. SGCN Occurring in Barren Lands in the Great Lakes Region.

Taxa	Group	Scientific Name	Common Name	Sand/ Dunes	Cliffs/ Rock Outcrops	Bare Rock/ Talus	Comments
Amphibians	Frogs	<i>Acris blanchardi</i>	Blanchard's Cricket Frog			X	Can use quarries.
Birds	Shorebirds	<i>Pluvialis dominica</i>	American Golden-plover	X			
		<i>Charadrius melodus</i>	Piping Plover	X			
		<i>Calidris canutus rufa</i>	Rufa Red Knot	X			
	Terns	<i>Sternula antillarum athalassos</i>	Interior Least Tern	X			
	Raptors	<i>Haliaeetus leucocephalus</i>	Bald Eagle		X		
		<i>Falco peregrinus</i>	Peregrine Falcon		X		
	Songbirds	<i>Setophaga kirtlandii</i>	Kirtland's Warbler	X			
Mammals	Rodents	<i>Spermophilus franklinii</i>	Franklin's Ground Squirrel	X			

Table H-4. SGCN Occurring in Developed Lands in the Great Lakes Region.

Taxa	Group	Scientific Name	Common Name	Suburban Areas	Urban Areas
Birds	Nightjars	<i>Chordeiles minor</i>	Common Nighthawk	X	X
	Raptors	<i>Accipiter striatus</i>	Sharp-shinned Hawk	X	
		<i>Falco peregrinus</i>	Peregrine Falcon		X
		<i>Myotis lucifugus</i>	Little Brown Myotis	X	
Mammals	Bats	<i>Myotis sodalis</i>	Indiana Myotis	X	
		<i>Lasionycteris noctivagans</i>	Silver-haired Bat	X	
		<i>Nycticeius humeralis</i>	Evening Bat	X	
		<i>Lasiurus borealis</i>	Eastern Red Bat	X	
		<i>Lasiurus cinereus</i>	Hoary Bat	X	
	Bears	<i>Ursus americana</i>	Black Bear	X	
	Mustelids	<i>Mustela nivalis</i>	Least Weasel	X	
Reptiles	Snakes	<i>Thamnophis radix</i>	Plains Gartersnake	X	X
		<i>Clonophis kirtlandii</i>	Kirtland's Snake	X	X
		<i>Opheodrys vernalis</i>	Smooth Greensnake	X	

Table H-5. SGCN Occurring in Forests in the Great Lakes Region.

Taxa	Group	Scientific Name	Common Name	Hardwood Forests	Conifer Forests	Mixed Forests	Hardwood Woodlands	Conifer Woodlands	Mixed Woodlands
Amphibians	Salamanders	<i>Ambystoma laterale</i>	Blue-spotted Salamander	X		X			
Birds	Nightjars	<i>Antrostomus vociferus</i>	Eastern Whip-poor-will	X		X	X		X
	Raptors	<i>Ictinia mississippiensis</i>	Mississippi Kite	X	X	X	X	X	X
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	X	X	X	X	X	X
		<i>Accipiter striatus</i>	Sharp-shinned Hawk	X	X	X	X	X	X
		<i>Buteo platypterus</i>	Broad-winged Hawk	X		X	X		X
	Songbirds	<i>Helmitheros vermivorum</i>	Worm-eating Warbler	X			X		
		<i>Mniotilta varia</i>	Black-and-white Warbler	X		X	X		X
		<i>Setophaga citrina</i>	Hooded Warbler	X			X		
		<i>Setophaga kirtlandii</i>	Kirtland's Warbler		X				
		<i>Setophaga cerulea</i>	Cerulean Warbler	X		X	X		X
Mammals	Bats	<i>Myotis lucifugus</i>	Little Brown Myotis	X		X	X		X
		<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	X	X	X	X	X	X
		<i>Myotis sodalis</i>	Indiana Myotis	X		X	X		X
		<i>Lasionycteris noctivagans</i>	Silver-haired Bat	X	X	X	X	X	X
		<i>Nycticeius humeralis</i>	Evening Bat	X		X	X		X
		<i>Lasiurus borealis</i>	Eastern Red Bat	X		X	X		X
		<i>Lasiurus cinereus</i>	Hoary Bat	X	X	X	X	X	X
	Bears	<i>Ursus americanus</i>	Black Bear	X	X	X	X	X	X
	Mustelids	<i>Mustela nivalis</i>	Least Weasel	X		X	X	X	X
Reptiles	Turtles	<i>Terrapene carolina</i>	Eastern Box Turtle	X	X	X	X	X	X
	Snakes	<i>Thamnophis proximus</i>	Western Ribbonsnake				X		
		<i>Nerodia erythrogaster neglecta</i>	Copper-bellied Watersnake				X	X	X
		<i>Opheodrys vernalis</i>	Smooth Greensnake				X	X	X
		<i>Sistrurus catenatus</i>	Eastern Massasauga				X	X	X

Table H-6. SGCN Occurring in Grasslands in the Great Lakes Region.

Taxa	Group	Scientific Name	Common Name	Savannas	Shrublands	Herbaceous Grasslands	Old Fields (Early Successional)	Comments
Amphibians	Frogs	<i>Acris blanchardi</i>	Blanchard's Cricket Frog	X		X		
Birds	Quail & Grouse	<i>Colinus virginianus</i>	Northern Bobwhite	X	X	X	X	
	Nightjars	<i>Chordeiles minor</i>	Common Nighthawk			X	X	
	Cranes	<i>Grus canadensis</i>	Sandhill Crane			X		
		<i>Grus americana</i>	Whooping Crane			X		
	Hérons	<i>Botaurus lentiginosus</i>	American Bittern			X		
		<i>Ardea alba</i>	Great Egret			X		
	Shorebirds	<i>Pluvialis dominica</i>	American Golden-plover			X		
		<i>Bartramia longicauda</i>	Upland Sandpiper			X	X	
		<i>Calidris subruficollis</i>	Buff-breasted Sandpiper			X		
	Raptors	<i>Ictinia mississippiensis</i>	Mississippi Kite	X	X	X		
		<i>Circus cyaneus</i>	Northern Harrier			X	X	
		<i>Accipiter striatus</i>	Sharp-shinned Hawk				X	
		<i>Tyto alba</i>	Barn Owl	X		X	X	
		<i>Asio flammeus</i>	Short-eared Owl	X	X	X	X	
	Songbirds	<i>Lanius ludovicianus</i>	Loggerhead Shrike	X	X	X	X	
		<i>Cistothorus platensis</i>	Sedge Wren			X	X	
		<i>Ammodramus henslowii</i>	Henslow's Sparrow			X	X	Can use Farm Bill Program lands.
		<i>Sturnella neglecta</i>	Western Meadowlark			X	X	
		<i>Vermivora chrysoptera</i>	Golden-winged Warbler	X	X		X	
		<i>Setophaga kirtlandii</i>	Kirtland's Warbler		X			
Mammals	Bats	<i>Myotis lucifugus</i>	Little Brown Myotis	X				
		<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	X				
		<i>Myotis sodalis</i>	Indiana Myotis	X				

Taxa	Group	Scientific Name	Common Name	Savannas	Shrublands	Herbaceous Grasslands	Old Fields (Early Successional)	Comments
	Rodents	<i>Spermophilus franklinii</i>	Franklin's Ground Squirrel	X		X		Can use prairies and rights-of-way.
	Mustelids	<i>Mustela nivalis</i>	Least Weasel		X	X	X	Can use hay lands.
		<i>Taxidea taxus</i>	American Badger	X	X	X		Can use vegetated dunes.
Reptiles	Turtles	<i>Terrapene carolina</i>	Eastern Box Turtle			X		
	Snakes	<i>Thamnophis butleri</i>	Butler's Gartersnake	X		X		
		<i>Thamnophis radix</i>	Plains Gartersnake	X	X	X	X	
		<i>Thamnophis proximus</i>	Western Ribbonsnake	X		X		
		<i>Nerodia erythrogaster neglecta</i>	Copper-bellied Watersnake			X		
		<i>Clonophis kirtlandii</i>	Kirtland's Snake	X		X	X	
		<i>Opheodrys vernalis</i>	Smooth Greensnake	X	X	X	X	
		<i>Sistrurus catenatus</i>	Eastern Massasauga	X	X	X	X	

Table H-7. SGCN Occurring in Wetlands in the Great Lakes Region.

Taxa	Group	Scientific Name	Common Name	Bogs/Fens	Herbaceous Wetlands	Forested Wetlands	Shrub Wetlands	Ephemeral/Temporary Wetlands	Mudflats	Riparian Zones
Amphibians	Salamanders	<i>Ambystoma laterale</i>	Blue-spotted Salamander			X	X	X		X
		<i>Hemidactylium scutatum</i>	Four-toed Salamander	X		X	X	X		X
	Frogs	<i>Acris blanchardi</i>	Blanchard's Cricket Frog	X	X		X	X		X
Birds	Waterfowl	<i>Cygnus buccinator</i>	Trumpeter Swan		X			X		X
	Rails	<i>Laterallus jamaicensis</i>	Black Rail		X					
		<i>Rallus elegans</i>	King Rail		X		X			
		<i>Rallus limicola</i>	Virginia Rail	X	X					X
		<i>Gallinula galeata</i>	Common Gallinule		X					
	Cranes	<i>Grus canadensis</i>	Sandhill Crane	X	X			X		
		<i>Grus americana</i>	Whooping Crane	X	X					X
	Shorebirds	<i>Pluvialis dominica</i>	American Golden-plover		X			X	X	X
		<i>Charadrius melodus</i>	Piping Plover		X				X	X
		<i>Arenaria interpres</i>	Ruddy Turnstone		X				X	X
		<i>Calidris subruficollis</i>	Buff-breasted Sandpiper					X	X	X
		<i>Limnodromus griseus</i>	Short-billed Dowitcher		X			X	X	X
		<i>Scolopax minor</i>	American Woodcock	X	X	X	X	X		X
	<i>Tringa solitaria</i>	Solitary Sandpiper	X	X	X		X	X	X	
	<i>Tringa melanoleuca</i>	Greater Yellowlegs		X			X	X	X	

Taxa	Group	Scientific Name	Common Name	Bogs/Fens	Herbaceous Wetlands	Forested Wetlands	Shrub Wetlands	Ephemeral/Temporary Wetlands	Mudflats	Riparian Zones
		<i>Phalaropus tricolor</i>	Wilson's Phalarope		X			X	X	X
	Terns	<i>Sternula antillarum athalassos</i>	Interior Least Tern		X					X
		<i>Chlidonias niger</i>	Black Tern		X					X
	Hérons	<i>Botaurus lentiginosus</i>	American Bittern		X		X	X		X
		<i>Ixobrychus exilis</i>	Least Bittern	X	X		X			X
		<i>Ardea alba</i>	Great Egret		X	X	X	X		X
		<i>Nycticorax nycticorax</i>	Black-crowned Night-heron		X	X	X	X		X
	Raptors	<i>Pandion haliaetus</i>	Osprey		X	X				X
		<i>Ictinia mississippiensis</i>	Mississippi Kite			X				X
		<i>Haliaeetus leucocephalus</i>	Bald Eagle		X	X				X
		<i>Circus cyaneus</i>	Northern Harrier	X	X					
		<i>Accipiter striatus</i>	Sharp-shinned Hawk							X
		<i>Buteo platypterus</i>	Broad-winged Hawk			X				X
		<i>Tyto alba</i>	Barn Owl		X					X
		<i>Asio flammeus</i>	Short-eared Owl	X	X					
		<i>Falco peregrinus</i>	Peregrine Falcon		X					X
	Songbirds	<i>Cistothorus platensis</i>	Sedge Wren	X	X					X
		<i>Cistothorus palustris</i>	Marsh Wren		X					
		<i>Xanthocephalus xanthocephalus</i>	Yellow-headed Blackbird		X					
		<i>Vermivora chrysoptera</i>	Golden-winged Warbler	X		X				X

Taxa	Group	Scientific Name	Common Name	Bogs/Fens	Herbaceous Wetlands	Forested Wetlands	Shrub Wetlands	Ephemeral/Temporary Wetlands	Mudflats	Riparian Zones
		<i>Mniotilta varia</i>	Black-and-white Warbler			X				X
		<i>Setophaga cerulea</i>	Cerulean Warbler			X				X
Mammals	Shrews and Moles	<i>Condylura cristata</i>	Star-nosed Mole	X	X	X	X			X
	Bats	<i>Myotis lucifugus</i>	Little Brown Myotis			X				X
		<i>Myotis septentrionalis</i>	Northern Long-eared Myotis			X				X
		<i>Myotis sodalis</i>	Indiana Myotis			X				X
		<i>Lasionycteris noctivagans</i>	Silver-haired Bat							X
		<i>Nycticeius humeralis</i>	Evening Bat							X
		<i>Lasiurus borealis</i>	Eastern Red Bat							X
		<i>Lasiurus cinereus</i>	Hoary bat							X
	Rodents	<i>Spermophilus franklinii</i>	Franklin's Ground Squirrel							X
	Mustelids	<i>Mustela nivalis</i>	Least Weasel		X					X
Reptiles	Turtles	<i>Clemmys guttata</i>	Spotted Turtle	X	X	X	X	X		X
		<i>Emydoidea blandingii</i>	Blanding's Turtle		X	X	X	X		X
	Snakes	<i>Thamnophis butleri</i>	Butler's Gartersnake		X			X		X
		<i>Thamnophis radix</i>	Plains Gartersnake							
		<i>Thamnophis proximus</i>	Western Ribbonsnake		X	X	X	X		X
		<i>Nerodia erythrogaster neglecta</i>	Copper-bellied Watersnake	X	X	X		X		X
		<i>Clonophis kirtlandii</i>	Kirtland's Snake	X	X		X	X		X
		<i>Opheodrys vernalis</i>	Smooth Greensnake	X	X		X			X

		<i>Sistrurus catenatus</i>	Eastern Massasauga	X	X	X	X	X		X
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