

Appendix E: Lake States G1/G2 Species Overlap

Common Name	Scientific Name	Minnesota	Michigan	Wisconsin
a leafcutter bee	Megachile dakotensis	x	x	
a leafcutter bee	Megachile rugifrons	x	x	x
a lichen	Caloplaca parvula	x	x	x
a polycentropodid caddisfly	Holocentropus milaca	x	x	
a rock-shield lichen	Xanthoparmelia dierythra	x		x
Blackfin Cisco	Coregonus nigripinnis		x	x
Broadshoulder Physa	Physella parkeri		x	x
Coldwater Pebblesnail	Somatogyrus hineana	x		x
Coldwater Pondsnaill	Ladislavella woodruffi		x	x
Culvers Root Borer	Papaipema sciata	x	x	x
Douglas Stenelmis Riffle Beetle	Stenelmis douglasensis		x	x
Early Hairstreak	Erora laeta		x	x
Eastern Prairie White-fringed Orchid	Platanthera leucophaea		x	x
Flanged Valvata	Valvata winnebagoensis	x	x	x
Great Lakes Jacobs Ladder	Polemonium lacustre	x		x
Higgins Eye	Lampsilis higginsii	x		x
Hine's Emerald	Somatochlora hineana		x	x
Karner Blue	Plebejus samuelis	x	x	x
Little Goblin Moonwort	Botrychium mormo	x	x	x
Michigan Dune Dart Moth	Copablepharon michiganensis		x	x
Northern Long-eared Myotis	Myotis septentrionalis	x	x	x
Northern Prostrate Clubmoss	Lycopodiella margueritiae		x	x
Oklahoma Grass-pink	Calopogon oklahomensis	x		x
Ontario Hawthorn	Crataegus nitidula		x	x
Poweshiek Skipperling	Oarisma poweshiek	x	x	x
Purplecap Valvata	Valvata perdepressa		x	x
Relict Dart Moth	Dichagyris reliqua		x	x
Robust Sunflower Leafcutter Bee	Megachile fortis	x		x
Rusty-patched Bumble Bee	Bombus affinis	x	x	x
Salamander Mussel	Simpsonaias ambigua	x	x	x
Scaleshell	Potamilus leptodon	x	x	x
Sheepnose	Plethobasus cyphus	x		x
Sioux Snaketail	Ophiogomphus smithi	x		x
Snuffbox	Epioblasma triquetra	x	x	x
Spectaclecase	Cumberlandia monodonta	x		x
Spiral Crisp Moss	Trichostomum spirale	x	x	x
St. Croix Snaketail	Ophiogomphus susbehcha	x		x
Variable Cuckoo Bumble Bee	Bombus variabilis	x	x	x
Whitney's Underwing	Catocala whitneyi	x		x
Whooping Crane	Grus americana	x	x	x
Winged Mapleleaf	Quadrula fragosa	x		x
Wood Turtle	Glyptemys insculpta	x	x	x

common name	scientific name	MN	MI	WI
a caddisfly	Protophila talola	x		
a cave obligate springtail	Ameritulla hades	x		
	Pygmarrhopalites			
a cave obligate springtail	dubius	x		
	Fuscoboletinus			
a fungus	weaverae	x		
a fungus	Psathyrella rhodospora	x		
a leafcutter bee	Megachile dakotensis	x	x	
a leafcutter bee	Megachile ingenua	x		
a leafcutter bee	Megachile rugifrons	x	x	x
a lichen	Caloplaca parvula	x	x	
a lichen	Scytinium apalachense	x		
a lichen	Thelocarpon epibolum	x		
a polycentropodid caddisfly	Holocentropus milaca	x	x	
Arogos Skipper	Atrytone arogos	x		
Black Disc Lichen	Buellia nigra	x		
	Diplophyllum			
Blunted Earwort	obtusatum	x		
Coldwater Pebblesnail	Somatogyrus tryoni	x		x
Culvers Root Borer	Papaipema sciata	x	x	x
Dakota Skipper	Hesperia dacotae	x		
Dark-banded Flower Gem Moth	Melaporphyria immortua	x		
Elliott's Small Minnow				
Mayfly	Plauditus elliotti	x		
Fat Pocketbook	Potamilus capax	x		x
	Valvata			
Flanged Valvata	winnebagoensis	x	x	x
Frenchman's Bluff	Botrychium			
Moonwort	gallicomontanum	x		
Headwater Chilostigman Caddisfly	Chilostigma itascaae	x		
Higgins Eye	Lampsilis higginsii	x		x
Karner Blue	Plebejus samuelis	x	x	x
	Fuscocephaloziopsis			
Kindred Pincerwort	affinis	x		
Little Goblin Moonwort	Botrychium mormo	x	x	x
Manitoba Oakworm Moth	Anisota manitobensis	x		
Minnesota Trout-lily	Erythronium propullans	x		
Northern Myotis	Myotis septentrionalis	x	x	x

	Calopogon			
Oklahoma Grass-pink	oklahomensis	x		x
Poweshiek Skipperling	Oarisma poweshiek	x	x	x
Robust Sunflower				
Leafcutter Bee	Megachile fortis	x		x
Rusty-patched Bumble Bee	Bombus affinis	x	x	x
Salamander Mussel	Simpsonaias ambigua	x	x	x
Scaleshell	Potamilus leptodon	x	x	x
Short Long-horned				
Caddisfly	Ceraclea brevis	x		
Sioux Snaketail	Ophiogomphus smithi	x		x
Spiral Crisp Moss	Trichostomum spirale	x	x	x
	Ophiogomphus			
St. Croix Snaketail	susbehcha	x		x
Suckley's Cuckoo Bumble				
Bee	Bombus suckleyi	x		
Variable Cuckoo Bumble				
Bee	Bombus variabilis	x		x
Whitney's Underwing	Catocala whitneyi	x		x
Whooping Crane	Grus americana	x	x	x
Winged Mapleleaf	Quadrula fragosa	x		x
a caddisfly	Neureclipsis piersoni		x	
a freshwater snail	Planorbella smithii		x	
a leafcutter bee	Megachile dakotensis		x	
a leafcutter bee	Megachile rugifrons		x	
a lichen	Caloplaca parvula		x	
a noctuid moth	Abagrotis cryptica		x	
a polycentropodid				
caddisfly	Holocentropus milaca		x	
a polycentropodid	Polycentropus			
caddisfly	sabulosus		x	
	Mediappendix			
an ambersnail	protracta		x	
Antenna-waving Wasp	Tachysphex pechumani		x	
Blackfin Cisco	Coregonus nigripinnis		x	x
Blushing Flat-headed				
Mayfly	Epeorus suffusus		x	
Broadshoulder Physa	Physella parkeri		x	x
	Euchemotrema			
Carinate Pillsnail	hubrichti		x	
Clubshell	Pleurobema clava		x	
Coldwater Pondsnaill	Ladislavella woodruffi		x	x
Culvers Root Borer	Papaipema sciata		x	

Deepwater Pondsnail	Ladislavella contracta	X	
Douglas Stenelmis Riffle Beetle	Stenelmis douglasensis	X	X
Early Hairstreak	Erora laeta	X	X
Eastern Prairie White-fringed Orchid	Platanthera leucophaea	X	X
Flanged Valvata	Valvata winnebagoensis	X	
Frigid Ambersnail	Mediappendix gelida	X	
Frosted Elfin	Callophrys irus	X	X
Hine's Emerald	Somatochlora hineana	X	X
Hungerford's Crawling Water Beetle	Brychius hungerfordi	X	
Indiana Myotis	Myotis sodalis	X	
Isle Royale Ragwort	Packera insulae-regalis	X	
Karner Blue	Plebejus samuelis	X	
Kirtland's Snake	Clonophis kirtlandii	X	
Little Goblin Moonwort	Botrychium mormo	X	
Michigan Beard Moss	Didymodon maschalogenae	X	
Michigan Bog Grasshopper	Appalachia arcana	X	
Michigan Dune Dart Moth	Copablepharon michiganensis	X	X
Michigan Monkeyflower	Erythranthe michiganensis	X	
Mitchell's Satyr	Neonympha mitchellii	X	
Murray's Birch	Betula murrayana	X	
Nicol's Microcaddisfly	Hydroptila nicoli	X	
Northern Appressed Clubmoss	Lycopodiella subappressa	X	
Northern Myotis	Myotis septentrionalis	X	
Northern Prostrate Clubmoss	Lycopodiella margueritiae	X	X
Northern Riffleshell	Epioblasma rangiana	X	
Ontario Hawthorn	Crataegus nitidula	X	X
Poweshiek Skipperling	Oarisma poweshiek	X	
Purplecap Valvata	Valvata perdepressa	X	X
Rayed Bean	Villosa fabalis	X	
Relict Dart Moth	Dichagyris reliqua	X	X
Rusty-patched Bumble Bee	Bombus affinis	X	
Salamander Mussel	Simpsonaias ambigua	X	
Scaleshell	Potamilus leptodon	X	

Small Whorled Pogonia	<i>Isotria medeoloides</i>	x	
Spiral Crisp Moss	<i>Trichostomum spirale</i>	x	
Splachnoid Trumpet Moss	<i>Tayloria splachnoides</i>	x	
Subtle Stygobromid	<i>Stygobromus subtilis</i>	x	
Two-lined Stone	<i>Perlesta golconda</i>	x	
Voss's Goldenrod	<i>Solidago vossii</i>	x	
White Catpaw	<i>Epioblasma perobliqua</i>	x	
Whooping Crane	<i>Grus americana</i>	x	
a cave obligate springtail	<i>Onychiurus gelus</i>		x
a leafcutter bee	<i>Megachile rugifrons</i>		x
	<i>Xanthoparmelia</i>		
a rock-shield lichen	<i>dierythra</i>		x
	<i>Xanthoparmelia</i>		
a rock-shield lichen	<i>norhypopsila</i>		x
Blackfin Cisco	<i>Coregonus nigripinnis</i>		x
Broadshoulder Physa	<i>Physella parkeri</i>		x
Coldwater Pebblesnail	<i>Somatogyrus tryoni</i>		x
Coldwater Pondsnail	<i>Ladislavella woodruffi</i>		x
Culvers Root Borer	<i>Papaipema sciata</i>		x
Distinct Hawthorn	<i>Crataegus distincta</i>		x
Douglas Stenelmis Riffle Beetle	<i>Stenelmis douglasensis</i>		x
Early Hairstreak	<i>Erora laeta</i>		x
Eastern Prairie White-fringed Orchid	<i>Platanthera leucophaea</i>		x
Fat Pocketbook	<i>Potamilus capax</i>		x
Feminine Clam Shrimp	<i>Cyzicus gynecia</i>		x
	<i>Valvata</i>		
Flanged Valvata	<i>winnebagoensis</i>		x
Frosted Elfin	<i>Callophrys irus</i>		x
Higgins Eye	<i>Lampsilis higginsii</i>		x
Hine's Emerald	<i>Somatochlora hineana</i>		x
Karner Blue	<i>Plebejus samuelis</i>		x
Knobel's Riffle Beetle	<i>Stenelmis knobeli</i>		x
Little Goblin Moonwort	<i>Botrychium mormo</i>		x
Mead's Milkweed	<i>Asclepias meadii</i>		x
	<i>Copablepharon</i>		
Michigan Dune Dart Moth	<i>michiganensis</i>		x
Northern Myotis	<i>Myotis septentrionalis</i>		x
Northern Prostrate Clubmoss	<i>Lycopodiella margueritiae</i>		x
	<i>Calopogon</i>		
Oklahoma Grass-pink	<i>oklahomensis</i>		x

Ontario Hawthorn	<i>Crataegus nitidula</i>	X
Poweshiek Skipperling	<i>Oarisma poweshiek</i>	X
Purplecap Valvata	<i>Valvata perdepressa</i>	X
Relict Dart Moth	<i>Dichagyris reliqua</i>	X
Robust Dubiraphian Riffle Beetle	<i>Dubiraphia robusta</i>	X
Robust Sunflower Leafcutter Bee	<i>Megachile fortis</i>	X
Rusty-patched Bumble Bee	<i>Bombus affinis</i>	X
Salamander Mussel	<i>Simpsonaias ambigua</i>	X
Sandbar Pebblesnail	<i>Somatogyrys depressus</i>	X
Scaleshell	<i>Potamilus leptodon</i>	X
Sioux Snaketail	<i>Ophiogomphus smithi</i>	X
Spiral Crisp Moss	<i>Trichostomum spirale</i>	X
St. Croix Snaketail	<i>Ophiogomphus susbehcha</i>	X
Storm Hydrobe	<i>Hoyia sheldoni</i>	X
Variable Cuckoo Bumble Bee	<i>Bombus variabilis</i>	X
Whitney's Underwing	<i>Catocala whitneyi</i>	X
Whooping Crane	<i>Grus americana</i>	X
Winged Mapleleaf	<i>Quadrula fragosa</i>	X
Wisconsin Small Square-gilled Mayfly	<i>Cercobrachys lilliei</i>	X
Wisconsin Well Amphipod	<i>Stygobromus putealis</i>	X