
Ecosystem Types Represented in DNRE Proposed Northern Lower Peninsula Biodiversity Stewardship Areas

The following provides information about which of the DNRE proposed Biodiversity Stewardship Areas (BSAs) in the Northern Lower Peninsula are believed to represent which of the different ecosystem types that occur in the Northern Lower Peninsula, with an indication of the level of confidence that the ecosystem type is actually present within the boundary of the proposed BSA.

Few places in the Northern Lower Peninsula have been completely surveyed to determine which ecosystem types are well represented or even just present. The following set of information is based on best available knowledge and will change as additional information is acquired over time.

Alvar

None

Bog

Bear Swamp	Confirmed	
Beaver Creek Wetlands	Confirmed	
Burns Road Bog	Probable	
Casin Lake Wetlands	Confirmed	
Cathead Bay Dunes	Probable	
Duck Lake Wetland Complex	Probable	
Duck Marsh Complex	Probable	
Featherbed Marsh Complex	Confirmed	Largest example documented in region
Gladwin Pines Forest	Possible	
Grass River Complex	Probable	
Hobart Swamp	Confirmed	
Hoop Lake Bog	Confirmed	
Hopper's Swamp	Confirmed	
Hughes Swamp	Probable	
Huron National Forest Bog	Confirmed	Highest ranked example documented in state
Indian Lake Complex	Probable	
Jefferson Bogs	Confirmed	
Lake 16 Bog	Confirmed	
Little Cannon Wetlands	Probable	
Long Lake and North Lake Bogs	Confirmed	
Loon Lake Complex	Probable	
Lovell's Bog	Confirmed	
Mitchell Swamp	Confirmed	
Newaygo Complex	Probable	
Nordhouse Complex	Confirmed	
Old Mission Forest	Confirmed	
Pere Marquette Floodplain Complex	Confirmed	
Pere Marquette Forest	Confirmed	
Pierce Drive Bog	Confirmed	
Pierson Bog	Confirmed	
Saddler Creek Wetland Complex	Probable	
Sleeping Bear Complex	Confirmed	
Tomahawk Lakes Complex	Probable	
White Cloud Wetlands	Confirmed	
Wolf Creek Grass Lake Forest	Probable	

Boreal Forest

Beaver Island Archipelago Complex	Confirmed	One of highest ranked examples documented in state
Benzie Shoreline Complex	Confirmed	
Big Rock Forest	Confirmed	
Lk Augusta Thompsons Harbor Shoreline Complex	Probable	
Neahatawanta Shoreline Complex	Probable	
North and South Manitou Islands Complex	Confirmed	
North Pointe Rockport Shoreline Complex	Confirmed	
Sleeping Bear Complex	Probable	
Wilderness Wycamp Complex	Confirmed	One of highest ranked examples documented in state

Cave

None

Coastal Fen

Beaver Island Archipelago Complex	Confirmed	One of highest ranked examples documented in state
Cheboygan Point Shoreline Complex	Confirmed	
Devil's Lake Shoreline Complex	Confirmed	
Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	One of highest ranked examples documented in state
North Pointe Rockport Shoreline Complex	Confirmed	Two of highest ranked examples documented in state
Wilderness Wycamp Complex	Confirmed	Largest & one of highest ranked ex. doc. in state

Coastal Plain Marsh

Fry Lake Marsh	Confirmed
Loon Lake Complex	Confirmed
Newaygo Barrens	Confirmed
Newaygo Complex	Probable
Pere Marquette Forest	Confirmed
Pierce Drive Bog	Probable
White Cloud Wetlands	Confirmed

Dry Northern Forest

Alcona Dam Forest	Confirmed	
Alcona Dam Pond Complex	Confirmed	Largest example documented in state
Bee Nimble and Pugsley Barrens	Probable	
Benzie Shoreline Complex	Probable	
Damon Forest	Confirmed	Matrix rep; One of highest ranked ex doc in state
Hartwick Pines NMF	Confirmed	
Howes Lake Prairie Complex	Probable	
Mack Lake Forest	Probable	Matrix representation
O'Brien Lake Wetland Complex	Confirmed	
Railroad Lake Forest	Probable	Potential for restoration
Sinkholes Forest	Probable	
Tussing Prairie Complex	Probable	
Wilderness Wycamp Complex	Probable	

Dry Sand Prairie

Indian Lake Complex	Confirmed	Largest example documented in state
Newaygo Barrens	Confirmed	
Newaygo Complex	Confirmed	
Shupac Barrens	Confirmed	One of highest ranked examples documented in state
Tussing Prairie Complex	Confirmed	
White River Forest	Confirmed	

Dry-mesic Northern Forest

Alcona Dam Forest	Confirmed	Matrix representation; Largest ex. doc. in state
Beaver Island Archipelago Complex	Confirmed	
Benzie Shoreline Complex	Probable	
Blockhouse Creek Wetland Complex	Confirmed	
Boardman Sand Lakes Forest	Confirmed	Matrix representation
Bowman Hills DMNF	Possible	Potential for large-scale restoration
Cathead Bay Dunes	Probable	
Chippewa Salt Forest	Probable	
Duck Lake Wetland Complex	Probable	
Fisherman's Island Complex	Probable	Potential for large-scale restoration
Gladwin Pines Forest	Possible	
Hartwick Pines NMF	Confirmed	Potential for large-scale restoration
Hopper's Swamp	Probable	Potential for large-scale restoration
Houdek Dunes	Probable	
Jordan Valley Forest	Probable	
Long Lake and North Lake Bogs	Possible	Potential for restoration
Loud Dam Complex	Confirmed	
Lower Manistee Wetland Complex	Confirmed	
McDonald Forest	Confirmed	
Molasses River Complex	Confirmed	
Neahatawanta Shoreline Complex	Probable	
Newaygo Barrens	Probable	
Newaygo Complex	Confirmed	
Nordhouse Complex	Probable	
North and South Manitou Islands Complex	Probable	
Norway Ridge Forest Complex	Probable	
Old Mission Forest	Confirmed	
Pere Marquette Forest	Probable	Matrix representation
Pigeon River Forest	Probable	
Railroad Lake Forest	Confirmed	
Rifle River Complex	Probable	
Saddler Creek Wetland Complex	Probable	
Sinkholes Forest	Probable	
Tippy Complex	Possible	Potential for large-scale restoration
Tomahawk Lakes Complex	Probable	
Veteran's Forest	Confirmed	
White River Forest	Probable	Matrix representation
Wilderness Wycamp Complex	Confirmed	Potential for large-scale restoration
Wolf Creek Grass Lake Forest	Probable	Matrix representation

Dry-mesic Southern Forest

None

Emergent Marsh

Benzie Shoreline Complex	Probable	
Blockhouse Creek Wetland Complex	Probable	
Blue Lake Marshes	Confirmed	
Cedar Wetlands	Probable	
Grass Lake Wetlands	Probable	
Hopper's Swamp	Probable	
Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	Highest ranked example in region

Loud Dam Complex	Probable	
Lower Manistee Wetland Complex	Confirmed	
Minnehaha Wetlands	Confirmed	
Molasses River Complex	Confirmed	
Neahatawanta Shoreline Complex	Probable	
Nordhouse Complex	Probable	
North Branch Wetlands	Probable	
Pere Marquette Floodplain Complex	Confirmed	
Pere Marquette Forest	Probable	
Petobego Marsh	Confirmed	Largest example documented in state
Pierce Drive Bog	Probable	
Railroad Lake Forest	Probable	
Round Lake Marsh	Confirmed	
Saddler Creek Wetland Complex	Probable	
Skegemog Swamp	Probable	
Tippy Complex	Probable	
VanEtten Floodplain Complex	Probable	
White Cloud Wetlands	Probable	
Wilderness Wycamp Complex	Confirmed	
Wolf Creek Grass Lake Forest	Probable	

Floodplain Forest

Alcona Dam Pond Complex	Confirmed	
Au Sable Islands Forest	Confirmed	
Benzie Shoreline Complex	Probable	
Black River Wetlands	Probable	
Bowman Hills DMNF	Confirmed	
Lower Manistee Wetland Complex	Confirmed	Largest example documented in state
Muskegon Floodplain Complex	Confirmed	
Nordhouse Complex	Probable	
Pere Marquette Floodplain Complex	Confirmed	One of highest ranked ex. documented in region
Pere Marquette Forest	Confirmed	One of highest ranked ex. documented in region
Rifle River Floodplain Complex	Probable	
Thunder Bay River Floodplain Complex	Probable	
Tippy Complex	Probable	
VanEtten Floodplain Complex	Confirmed	
White Cloud Wetlands	Probable	
White River Forest	Confirmed	One of highest ranked ex. documented in region

Great Lakes Barrens

Benzie Shoreline Complex	Confirmed	
Cathead Bay Dunes	Confirmed	
Charlevoix Dunes	Probable	
Houdek Dunes	Probable	
Nordhouse Complex	Confirmed	Largest & highest ranked ex. documented in state
Silver Lake Dunes	Confirmed	
Sleeping Bear Complex	Confirmed	
Wilderness Wycamp Complex	Confirmed	

Great Lakes Marsh

Beaver Island Archipelago Complex	Confirmed	Two of highest ranked ex. documented in region
Benzie Shoreline Complex	Probable	
Cheboygan Point Shoreline Complex	Confirmed	One of highest ranked ex. documented in region

Devil's Lake Shoreline Complex	Confirmed	
Flower Creek Marsh	Confirmed	
Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	
Lower Manistee Wetland Complex	Confirmed	
Negwagon Shoreline Complex	Confirmed	
North Pointe Rockport Shoreline Complex	Confirmed	
Pentwater Lake Marsh	Confirmed	
Petobego Marsh	Confirmed	One of highest ranked ex. documented in region
Saganing Pine Delta Marshes	Confirmed	
Stoney Lake Shoreline Complex	Confirmed	
White River Forest	Confirmed	
Wilderness Wycamp Complex	Confirmed	Two of highest ranked ex. documented in region
Williamsport and Bar Marsh Complex	Confirmed	

Hardwood-Conifer Swamp

5 Mile Creek Swamp	Confirmed	
Bear Swamp	Probable	
Beaver Creek Wetlands	Probable	
Beaver Island Archipelago Complex	Confirmed	Highest ranked example documented in state
Bridge Lake Wetlands	Confirmed	
Cedar Wetlands	Probable	
Compartment 50 Swamp Complex	Probable	
Compartment 66 Swamp	Probable	
Dudgeon Swamp	Confirmed	
Hopper's Swamp	Probable	
Hughes Swamp	Confirmed	Largest example documented in state
Jordan Valley Forest	Probable	
Loud Dam Complex	Probable	
Mitchell Swamp	Confirmed	
Molasses River Complex	Confirmed	
Mullen Creek Swamp	Confirmed	
Neahatawanta Shoreline Complex	Probable	
Newaygo Complex	Confirmed	
Ogemaw Swamp	Probable	
Pere Marquette Forest	Probable	
Rifle River Floodplain Complex	Probable	
Saddler Creek Wetland Complex	Probable	
Skegemog Swamp	Probable	
Sleeping Bear Complex	Probable	
Tippy Complex	Probable	
White Cloud Wetlands	Confirmed	
Wilderness Wycamp Complex	Confirmed	

Inland Salt Marsh

None

Interdunal Wetland

Beaver Island Archipelago Complex	Confirmed
Benzie Shoreline Complex	Confirmed
Cathead Bay Dunes	Confirmed
Charlevoix Dunes	Probable
Cheboygan Point Shoreline Complex	Confirmed
Fisherman's Island Complex	Confirmed

Nordhouse Complex	Confirmed	Largest & highest ranked ex. documented in state
Silver Lake Dunes	Confirmed	
Sleeping Bear Complex	Probable	
Tawas Dunes	Confirmed	
Wilderness Wycamp Complex	Confirmed	

Intermittent Wetland

Bear Swamp	Confirmed	
Black Forest Wetlands	Confirmed	One of highest ranked ex. documented in region
Duck Lake Wetland Complex	Confirmed	One of highest ranked ex. documented in region
Duck Marsh Complex	Confirmed	
Gladwin Pines Forest	Possible	
Hopper's Swamp	Confirmed	
Indian Lake Complex	Confirmed	
Lake Margrethe Wetland Complex	Confirmed	Largest example documented in state
Lake Sixteen Wetlands	Confirmed	
Pere Marquette Floodplain Complex	Confirmed	
Pere Marquette Forest	Confirmed	
Saddler Creek Wetland Complex	Probable	
Smith's Fen Complex	Confirmed	

Inundated Shrub Swamp

None

Lakeplain Oak Openings

None

Lakeplain Wet Prairie

None

Lakeplain Wet-mesic Prairie

None

Limestone Bedrock Glade

Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	Largest & highest ranked ex. doc. in region
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Limestone Bedrock Lakeshore

Fisherman's Island Complex	Confirmed	One of only 2 examples documented in region
North Pointe Rockport Shoreline Complex	Confirmed	One of highest ranked ex doc in state

Limestone Cliff

North Pointe Rockport Shoreline Complex	Confirmed	Only example documented in region
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Limestone Cobble Shore

Beaver Island Archipelago Complex	Confirmed	
Big Rock Forest	Probable	
Charlevoix Dunes	Probable	
Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	One of highest ranked examples documented in state
Old Mission Forest	Probable	
Wilderness Wycamp Complex	Confirmed	Largest example documented in state

Mesic Northern Forest

Beaver Island Archipelago Complex	Confirmed	
Benzie Moraines Forest	Probable	
Benzie Shoreline Complex	Confirmed	
Bowman Hills DMNF	Possible	Potential for large-scale restoration

Confirmed – Documented on-site by a resource professional
 Probable – Data strongly suggests presence, but not yet confirmed on-site
 Possible – Data suggests presence is possible

Buttles East Forest	Probable	
Cathead Bay Dunes	Confirmed	Largest example documented in region
Compartment 50 Swamp Complex	Probable	
Fisherman's Island Complex	Probable	Potential for large-scale restoration
Fox Islands Complex	Confirmed	Pot. for lg-scale restoration; one of highest rank
Good Hart Forest	Confirmed	Matrix representation
Grass River Complex	Probable	
Hartwick Pines NMF	Possible	Potential for large-scale restoration
Horton Bay Forest	Probable	Potential for large-scale restoration
Houdek Dunes	Probable	
Jordan Valley Forest	Probable	Matrix representation
Leverentz Lake Forest Complex	Probable	
Long Lake Islands Forest	Confirmed	
Lower Manistee Wetland Complex	Confirmed	
Maple River Complex	Confirmed	
Mitchell Swamp	Confirmed	
Neahatawanta Shoreline Complex	Confirmed	
North and South Manitou Islands Complex	Confirmed	Matrix representation (N. Manitou)
North Pointe Rockport Shoreline Complex	Probable	
Old Mission Forest	Confirmed	
Rifle River Complex	Probable	
Sleeping Bear Complex	Confirmed	Potential for large-scale restoration
Tippy Complex	Possible	Potential for large-scale restoration
Walloon Lake Forest	Confirmed	Potential for large-scale restoration
Williamsport and Bar Marsh Complex	Confirmed	

Mesic Prairie

Grass River Complex	Probable	
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Mesic Sand Prairie

None

Mesic Southern Forest

None

Muskeg

Mitchell Swamp	Confirmed	One of only 2 examples documented in region
Wilderness Wycamp Complex	Confirmed	One of only 2 examples documented in region

Northern Fen

Benzie Shoreline Complex	Probable	
Boardman Sand Lakes Forest	Confirmed	One of highest ranked ex. documented in region
Cedar Wetlands	Confirmed	Largest example documented in state
C-Shaped Depression Fen	Confirmed	
Kruzel's Bog Complex	Confirmed	
Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	One of highest ranked ex. documented in region
Loud Dam Complex	Confirmed	
Mullen Creek Swamp	Probable	
North Pointe Rockport Shoreline Complex	Confirmed	
Railroad Lake Forest	Probable	
Rifle River Complex	Confirmed	
Skegemog Swamp	Confirmed	
Wilderness Wycamp Complex	Confirmed	

Northern Hardwood Swamp

Bear Swamp	Confirmed	
Beaver Creek Wetlands	Probable	
Cedar Wetlands	Probable	
Compartment 50 Swamp Complex	Probable	
Fox Islands Complex	Confirmed	Highest ranked example documented in state
Grass Lake Wetlands	Probable	
Hopper's Swamp	Confirmed	Largest example documented in state
Hughes Swamp	Probable	
Jordan Valley Forest	Probable	
Long Swamp Complex	Probable	
Molasses River Complex	Confirmed	
Mullen Creek Swamp	Probable	
Rifle River Floodplain Complex	Probable	
Selma Swamp	Confirmed	
Skegemog Swamp	Probable	
White Cloud Wetlands	Probable	

Northern Shrub Thicket

Bear Swamp	Probable	
Beaver Creek Wetlands	Probable	
Benzie Shoreline Complex	Probable	
Blockhouse Creek Wetland Complex	Probable	
Bridge Lake Wetlands	Probable	
Cedar Wetlands	Probable	
Chub Lake Swamp NFW North	Confirmed	Highest ranked example documented in state
Gladwin Pines Forest	Possible	
Grass Lake Wetlands	Probable	
Grass River Complex	Probable	
Hartwick Pines NMF	Confirmed	
Hopper's Swamp	Probable	
Hudson Creek Wetland Complex	Probable	
Hughes Swamp	Probable	
Little Cannon Wetlands	Probable	
Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	
Long Swamp Complex	Probable	
Loud Dam Complex	Probable	
Lower Manistee Wetland Complex	Confirmed	Largest example documented in region
Maple River Complex	Confirmed	
Mitchell Swamp	Probable	
Mullen Creek Swamp	Probable	
Neahatawanta Shoreline Complex	Probable	
Newaygo Complex	Confirmed	
Nordhouse Complex	Probable	
North Branch Wetlands	Probable	
Ogemaw Swamp	Probable	
Pere Marquette Forest	Probable	
Pierce Drive Bog	Probable	
Railroad Lake Forest	Probable	
Saddler Creek Wetland Complex	Probable	
Selma Swamp	Probable	

Skegemog Swamp	Probable
Sleeping Bear Complex	Probable
Stoney Lake Shoreline Complex	Probable
Thunder Bay River Floodplain Complex	Probable
Tippy Complex	Probable
Tomahawk Lakes Complex	Probable
White Cloud Wetlands	Probable
Wilderness Wycamp Complex	Confirmed
Wolf Creek Grass Lake Forest	Probable

Northern Wet Meadow

Bear Swamp	Probable	
Beaver Creek Wetlands	Probable	
Beaver Island Archipelago Complex	Confirmed	Highest ranked example documented in state
Benzie Shoreline Complex	Probable	
Blockhouse Creek Wetland Complex	Probable	
Cedar Wetlands	Probable	
Fife Lake Creek Wetlands	Confirmed	
Grass Lake Wetlands	Probable	
Hudson Creek Wetland Complex	Probable	
Hughes Swamp	Probable	
Little Cannon Wetlands	Confirmed	
Long Lake Marsh	Confirmed	
Loud Dam Complex	Probable	
Lower Manistee Wetland Complex	Confirmed	Largest example documented in state
Maple River Complex	Confirmed	
Mitchell Swamp	Probable	
Molasses River Complex	Probable	
Mullen Creek Swamp	Probable	
Newaygo Complex	Probable	
Nordhouse Complex	Probable	
North Branch Wetlands	Confirmed	
Ogemaw Swamp	Probable	
Pere Marquette Forest	Probable	
Pierce Drive Bog	Probable	
Railroad Lake Forest	Probable	
Saddler Creek Wetland Complex	Probable	
Selma Swamp	Probable	
Skegemog Swamp	Probable	
Sleeping Bear Complex	Probable	
Stoney Lake Shoreline Complex	Probable	
Tippy Complex	Probable	
Tomahawk Lakes Complex	Probable	
VanEtten Floodplain Complex	Probable	
White Cloud Wetlands	Probable	
Wolf Creek Grass Lake Forest	Probable	

Oak Barrens

None

Oak-Pine Barrens

36th Street Barrens	Confirmed
Canfield Lake Barrens	Confirmed

Confirmed – Documented on-site by a resource professional
 Probable – Data strongly suggests presence, but not yet confirmed on-site
 Possible – Data suggests presence is possible

Casin Lake Barrens	Confirmed	
Fletcher Barrens	Confirmed	
Newaygo Barrens	Probable	
Railroad Lake Forest	Probable	Potential for restoration
White River Forest	Confirmed	One of highest ranked ex. documented in region

Open Dunes

Arcadia Dunes	Confirmed	
Beaver Island Archipelago Complex	Confirmed	
Benzie Shoreline Complex	Confirmed	
Cathead Bay Dunes	Confirmed	
Charlevoix Dunes	Confirmed	
Cheboygan Point Shoreline Complex	Confirmed	
Fisherman's Island Complex	Confirmed	
Fox Islands Complex	Confirmed	One of highest ranked examples documented in state
Houdek Dunes	Probable	
Nordhouse Complex	Confirmed	Largest & one of highest ranked ex. doc. In state
North and South Manitou Islands Complex	Confirmed	One of highest ranked examples documented in state
Petoskey Dunes	Probable	
Silver Lake Dunes	Confirmed	
Sleeping Bear Complex	Confirmed	
Stoney Lake Shoreline Complex	Confirmed	
Wilderness Wycamp Complex	Confirmed	

Pine Barrens

Bee Nimble and Pugsley Barrens	Confirmed	
Black River Ranch Barrens	Probable	Matrix representation; Largest ex. doc. in region
Damon Forest	Probable	Matrix representation
Frost Pocket Barrens	Confirmed	
Howes Lake Prairie Complex	Probable	
Mack Lake Forest	Probable	Matrix representation
Railroad Lake Forest	Probable	Potential for restoration
Shupac Barrens	Confirmed	
Spectacle Lakes Barrens	Confirmed	
Tussing Prairie Complex	Confirmed	

Poor Conifer Swamp

Bear Lake Swamp	Confirmed	One of highest ranked examples documented in state
Bear Swamp	Probable	
Beaver Creek Wetlands	Confirmed	
Benzie Shoreline Complex	Probable	
Black River Wetlands	Probable	
Bridge Lake Wetlands	Probable	
Cedar Wetlands	Probable	
Deadstream Swamp	Probable	
Grass Lake Wetlands	Probable	
Hobart Swamp	Confirmed	Largest example documented in region
Hudson Creek Wetland Complex	Probable	
Hughes Swamp	Probable	
Ingerman Bog Complex	Confirmed	
Little Cannon Wetlands	Probable	
Loon Lake Complex	Probable	
Loud Dam Complex	Probable	

Mitchell Swamp	Confirmed
O'Brien Lake Wetland Complex	Confirmed
Ogemaw Swamp	Probable
Rifle River Floodplain Complex	Probable
Skegemog Swamp	Probable
Sleeping Bear Complex	Probable
Tomahawk Lakes Complex	Probable
White Cloud Wetlands	Confirmed
Wolf Creek Grass Lake Forest	Probable

Poor Fen

Alcona Dam Forest	Confirmed	
Beaver Island Archipelago Complex	Probable	
Lovell's Fen	Confirmed	One of highest ranked ex. documented in region
Railroad Lake Forest	Probable	
Wilderness Wycamp Complex	Confirmed	

Rich Conifer Swamp

Alcona Dam Forest	Confirmed	
Alcona Dam Pond Complex	Confirmed	One of highest ranked ex. documented in region
Bear Swamp	Confirmed	
Beaver Island Archipelago Complex	Confirmed	
Benzie Shoreline Complex	Probable	
Big Rock Forest	Probable	
Blockhouse Creek Wetland Complex	Confirmed	
Bridge Lake Wetlands	Probable	
Cedar Wetlands	Confirmed	
Cheboygan Point Shoreline Complex	Confirmed	
Deadstream Swamp	Probable	
Grass Lake Wetlands	Probable	
Grass River Complex	Probable	
Green Swamp	Confirmed	Largest example documented in region
Heald Creek Wetlands	Confirmed	
Hobart Swamp	Confirmed	
Hughes Swamp	Probable	
Hunt Creek Swamp	Confirmed	
Jordan Valley Forest	Possible	
Little Cannon Wetlands	Probable	
Lk Augusta Thompsons Harbor Shoreline Complex	Confirmed	
Loud Dam Complex	Probable	
Lower Bear River Wetlands	Confirmed	
Lower Manistee Wetland Complex	Confirmed	
Minnehaha Wetlands	Confirmed	
Mitchell Swamp	Confirmed	
North Pointe Rockport Shoreline Complex	Confirmed	
Ogemaw Swamp	Probable	
Pere Marquette Forest	Confirmed	
Reese Swamp	Confirmed	
Rifle River Floodplain Complex	Probable	
Saddler Creek Wetland Complex	Probable	
Sage Lake Swamp	Confirmed	
Skegemog Swamp	Confirmed	

Tippy Complex	Confirmed	
VanEtten Floodplain Complex	Probable	
Watson Swamp	Confirmed	One of highest ranked ex. documented in region
White Cloud Wetlands	Probable	
Wilderness Wycamp Complex	Confirmed	
Wolf Creek Grass Lake Forest	Probable	

Rich Tamarack Swamp

Kirchner Lake Wetlands	Confirmed	One of only 2 examples documented in region
Toft Lake Swamp	Confirmed	One of only 2 examples documented in region

Sand and Gravel Beach

Beaver Island Archipelago Complex	Confirmed	Gr.Lk. ver.; One of highest ranked ex doc in state
Benzie Shoreline Complex	Probable	Great Lakes version
Black River Wetlands	Probable	Inland lake version
Charlevoix Dunes	Probable	Great Lakes version
Fox Islands Complex	Confirmed	Great Lakes version
Neahatawanta Shoreline Complex	Probable	Great Lakes version
Nordhouse Complex	Probable	Great Lakes version
North and South Manitou Islands Complex	Probable	Great Lakes version
Old Mission Forest	Probable	Great Lakes version
Petoskey Dunes	Probable	Great Lakes version
Sleeping Bear Complex	Confirmed	Great Lakes ver; Largest ex. documented in region
Stoney Lake Shoreline Complex	Probable	Great Lakes version
Tawas Dunes	Probable	Great Lakes version

Sinkhole

North and South Manitou Islands Complex	Probable	
North Pointe Rockport Shoreline Complex	Confirmed	Only example documented in region
Sinkholes Forest	Probable	

Southern Hardwood Swamp

None

Southern Shrub-Carr

None

Southern Wet Meadow

None

Submergent Marsh

Bear Lake Swamp	Confirmed	Highest ranked example documented in region
Benzie Shoreline Complex	Probable	
Blockhouse Creek Wetland Complex	Probable	
Bridge Lake Wetlands	Probable	
Casin Lake Wetlands	Confirmed	Largest example documented in region
Cedar Wetlands	Probable	
Grass Lake Wetlands	Probable	
Grass River Complex	Probable	
Hopper's Swamp	Probable	
Long Lake Marsh	Confirmed	
Loud Dam Complex	Probable	
Lower Manistee Wetland Complex	Confirmed	
Neahatawanta Shoreline Complex	Probable	

Nordhouse Complex	Probable
North Branch Wetlands	Probable
Pere Marquette Forest	Probable
Pierce Drive Bog	Probable
Railroad Lake Forest	Probable
Round Lake Marsh	Probable
Saddler Creek Wetland Complex	Probable
Skegemog Swamp	Probable
Tippy Complex	Probable
VanEtten Floodplain Complex	Probable
White Cloud Wetlands	Probable
Wolf Creek Grass Lake Forest	Probable

Wet-mesic Sand Prairie

Howes Lake Prairie Complex	Confirmed	
Loon Lake Complex	Probable	
Newaygo Complex	Probable	
Tussing Prairie Complex	Confirmed	
White River Forest	Confirmed	Largest & highest ranked ex. documented in state

Wooded Dune and Swale Complex

Au Gres Dunes	Confirmed	
Beaver Island Archipelago Complex	Confirmed	
Benzie Shoreline Complex	Confirmed	Two of highest ranked examples documented in state
Cheboygan Point Shoreline Complex	Confirmed	
Devil's Lake Shoreline Complex	Confirmed	
Hammond Bay Dunes	Confirmed	
Neahatawanta Shoreline Complex	Confirmed	
Negwegon Shoreline Complex	Confirmed	
North Pointe Rockport Shoreline Complex	Probable	
Sleeping Bear Complex	Confirmed	
Tawas Dunes	Probable	Potential for restoration
Wilderness Wycamp Complex	Confirmed	Matrix rep; One of highest ranked ex doc in state