

Conservation Status Ranks for Native Plant Community Types and Subtypes

The native plant community (NPC) types and subtypes recognized in Minnesota have been assigned conservation status ranks (S-ranks) that reflect the risk of elimination of the community from Minnesota. There are five ranks:

- S1 = critically imperiled
- S2 = imperiled
- S3 = vulnerable to extirpation
- S4 = apparently secure; uncommon but not rare
- S5 = secure, common, widespread, and abundant

These ranks are determined using methodology developed by the conservation organization NatureServe and its member natural heritage programs in North America. S-ranks were assigned to Minnesota's NPC types and subtypes based on information compiled by DNR plant ecologists on: 1) geographic range or extent; 2) area of range occupied; 3) number of occurrences; 4) number of good occurrences, or percent area of occurrences with good viability and ecological integrity; 5) environmental specificity; 6) long-term trend; 7) short-term trend; 8) scope and severity of major threats; and 9) intrinsic vulnerability.

A range in rank (for example, S1S2) indicates there is uncertainty in conservation status but it falls within a given range. For NPC types that are divided into subtypes, the S-rank of the NPC type is listed as the possible S-ranks for the subtypes (for example, S1 or S2).

Class Code	Class Name	S-Rank
Type Code	Type Name	
Subtype Code	Subtype Name	

Upland Forests and Woodlands

Fire-Dependent Forest/Woodland System

FDn12	Northern Dry-Sand Pine Woodland	
FDn12a	Jack Pine Woodland (Sand)	S2
FDn12b	Red Pine Woodland (Sand)	S2
FDn22	Northern Dry-Bedrock Pine (Oak) Woodland	
FDn22a	Jack Pine Woodland (Bedrock)	S3
FDn22b	Red Pine - White Pine Woodland (Northeastern Bedrock)	S3
FDn22c	Pin Oak Woodland (Bedrock)	S3
FDn22d	Red Pine - White Pine Woodland (Eastcentral Bedrock)	S2
FDn32	Northern Poor Dry-Mesic Mixed Woodland	
FDn32a	Red Pine - White Pine Woodland (Canadian Shield)	S3
FDn32b	Red Pine - White Pine Woodland (Minnesota Point)	S1
FDn32c	Black Spruce - Jack Pine Woodland	S2 or S3
FDn32c1	Jack Pine - Balsam Fir Subtype	S2
FDn32c2	Black Spruce - Feathermoss Subtype	S3
FDn32c3	Jack Pine - Black Spruce - Aspen Subtype	S3
FDn32d	Jack Pine - Black Spruce Woodland (Sand)	S2
FDn32e	Spruce - Fir Woodland (North Shore)	S1
FDn33	Northern Dry-Mesic Mixed Woodland	
FDn33a	Red Pine - White Pine Woodland	S3
FDn33a1	Balsam Fir Subtype	S3
FDn33a2	Mountain Maple Subtype	S3
FDn33b	Aspen - Birch Woodland	S5
FDn33c	Black Spruce Woodland	S2
FDn43	Northern Mesic Mixed Forest	
FDn43a	White Pine - Red Pine Forest	S2
FDn43b	Aspen - Birch Forest	S5
FDn43b1	Balsam Fir Subtype	S5
FDn43b2	Hardwood Subtype	S5
FDn43c	Upland White Cedar Forest	S3
FDc12	Central Poor Dry Pine Woodland	
FDc12a	Jack Pine - (Bearberry) Woodland	S2
FDc23	Central Dry Pine Woodland	
FDc23a	Jack Pine - (Yarrow) Woodland	S1S2

FDc23a1	<i>Ericaceous Shrub Subtype</i>	S1S2
FDc23a2	<i>Bur Oak - Aspen Subtype</i>	S1S2
FDc24	Central Rich Dry Pine Woodland	
FDc24a	Jack Pine - (Bush Honeysuckle) Woodland	S1 or S3
FDc24a1	<i>Bracken Subtype</i>	S1
FDc24a2	<i>Bur Oak - Carrion-Flower Subtype</i>	S3
FDc25	Central Dry Oak-Aspen (Pine) Woodland	
FDc25a	Jack Pine - Oak Woodland	S2
FDc25b	Oak - Aspen Woodland	S2
FDc34	Central Dry-Mesic Pine-Hardwood Forest	
FDc34a	Red Pine - White Pine Forest	S2
FDc34b	Oak - Aspen Forest	S3
FDs27	Southern Dry-Mesic Pine-Oak Woodland	
FDs27a	Jack Pine - Oak Woodland (Sand)	S1
FDs27b	White Pine - Oak Woodland (Sand)	S1
FDs27c	Black Oak - White Oak Woodland (Sand)	S2
FDs36	Southern Dry-Mesic Oak-Aspen Forest	
FDs36a	Bur Oak - Aspen Forest	S3S4
FDs37	Southern Dry-Mesic Oak (Maple) Woodland	
FDs37a	Oak - (Red Maple) Woodland	S4
FDs37b	Pin Oak - Bur Oak Woodland	S3
FDs38	Southern Dry-Mesic Oak-Hickory Woodland	
FDs38a	Oak - Shagbark Hickory Woodland	S3
FDw24	Northwestern Dry-Mesic Oak Woodland	
FDw24a	Bur Oak - (Prairie Herb) Woodland	S2
FDw24b	Bur Oak - (Forest Herb) Woodland	S3
FDw34	Northwestern Mesic Aspen-Oak Woodland	
FDw34a	Aspen - (Prairie Herb) Woodland	S3
FDw34b	Aspen - (Beaked Hazel) Woodland	S4
FDw44	Northwestern Wet-Mesic Aspen Woodland	
FDw44a	Aspen - (Cordgrass) Woodland	S3
FDw44b	Aspen - (Chokecherry) Woodland	S4

Mesic Hardwood Forest System

MHn35	Northern Mesic Hardwood Forest	
MHn35a	Aspen - Birch - Basswood Forest	S4
MHn35b	Red Oak - Sugar Maple - Basswood - (Bluebead Lily) Forest	S4
MHn44	Northern Wet-Mesic Boreal Hardwood-Conifer Forest	
MHn44a	Aspen - Birch - Red Maple Forest	S4
MHn44b	White Pine - White Spruce - Paper Birch Forest	S2
MHn44c	Aspen - Fir Forest	S3S4
MHn44d	Aspen - Birch - Fir Forest	S3
MHn45	Northern Mesic Hardwood (Cedar) Forest	
MHn45a	Paper Birch - Sugar Maple Forest (North Shore)	S4
MHn45b	White Cedar - Yellow Birch Forest	S2
MHn45c	Sugar Maple Forest (North Shore)	S3
MHn46	Northern Wet-Mesic Hardwood Forest	
MHn46a	Aspen - Ash Forest	S4
MHn46b	Black Ash - Basswood Forest	S4
MHn47	Northern Rich Mesic Hardwood Forest	
MHn47a	Sugar Maple - Basswood - (Bluebead Lily) Forest	S3
MHn47b	Sugar Maple - Basswood - (Horsetail) Forest	S3
MHc26	Central Dry-Mesic Oak-Aspen Forest	
MHc26a	Oak - Aspen - Red Maple Forest	S4
MHc26b	Red Oak - Sugar Maple - Basswood - (Large-Flowered Trillium) Forest	S4
MHc36	Central Mesic Hardwood Forest (Eastern)	

MHc36a	Red Oak - Basswood Forest (Noncalcareous Till)	S4
MHc36b	Red Oak - Basswood Forest (Calcareous Till)	S4
MHc37	Central Mesic Hardwood Forest (Western)	
MHc37a	Aspen - (Sugar Maple - Basswood) Forest	S4
MHc37b	Sugar Maple - Basswood - (Aspen) Forest	S4
MHc38	Central Mesic Cold-Slope Hardwood-Conifer Forest	
MHc38a	White Pine - Sugar Maple - Basswood Forest (Cold Slope)	S1
MHc47	Central Wet-Mesic Hardwood Forest	
MHc47a	Basswood - Black Ash Forest	S3
MHs37	Southern Dry-Mesic Oak Forest	
MHs37a	Red Oak - White Oak Forest	S3
MHs37b	Red Oak - White Oak - (Sugar Maple) Forest	S4
MHs38	Southern Mesic Oak-Basswood Forest	
MHs38a	White Pine - Oak - Sugar Maple Forest	S3
MHs38b	Basswood - Bur Oak - (Green Ash) Forest	S3
MHs38c	Red Oak - Sugar Maple - Basswood - (Bitternut Hickory) Forest	S3
MHs39	Southern Mesic Maple-Basswood Forest	
MHs39a	Sugar Maple - Basswood - (Bitternut Hickory) Forest	S2
MHs39b	Sugar Maple - Basswood - Red Oak - (Blue Beech) Forest	S3
MHs39c	Sugar Maple Forest (Big Woods)	S2
MHs49	Southern Wet-Mesic Hardwood Forest	
MHs49a	Elm - Basswood - Black Ash - (Hackberry) Forest	S3
MHs49b	Elm - Basswood - Black Ash - (Blue Beech) Forest	S2
MHw36	Northwestern Wet-Mesic Hardwood Forest	
MHw36a	Green Ash - Bur Oak - Elm Forest	S2

Wetland Forests

Floodplain Forest System

FFn57	Northern Terrace Forest	
FFn57a	Black Ash - Silver Maple Terrace Forest	S3
FFn67	Northern Floodplain Forest	
FFn67a	Silver Maple - (Sensitive Fern) Floodplain Forest	S3
FFs59	Southern Terrace Forest	
FFs59a	Silver Maple - Green Ash - Cottonwood Terrace Forest	S3
FFs59b	Swamp White Oak Terrace Forest	S1
FFs59c	Elm - Ash - Basswood Terrace Forest	S2
FFs68	Southern Floodplain Forest	
FFs68a	Silver Maple - (Virginia Creeper) Floodplain Forest	S3

Wet Forest System

WFn53	Northern Wet Cedar Forest	
WFn53a	Lowland White Cedar Forest (North Shore)	S4
WFn53b	Lowland White Cedar Forest (Northern)	S3
WFn55	Northern Wet Ash Swamp	
WFn55a	Black Ash - Aspen - Balsam Poplar Swamp (Northeastern)	S4
WFn55b	Black Ash - Yellow Birch - Red Maple - Basswood Swamp (Eastcentral)	S3
WFn55c	Black Ash - Mountain Maple Swamp (Northern)	S4
WFn64	Northern Very Wet Ash Swamp	
WFn64a	Black Ash - Conifer Swamp (Northeastern)	S4
WFn64b	Black Ash - Yellow Birch - Red Maple - Alder Swamp (Eastcentral)	S4
WFn64c	Black Ash - Alder Swamp (Northern)	S4
WFs55	Southern Wet Aspen Forest	
WFs55a	Lowland Aspen Forest	S4
WFs57	Southern Wet Ash Swamp	
WFs57a	Black Ash - (Red Maple) Seepage Swamp	S1S2
WFs57b	Black Ash - Sugar Maple - Basswood - (Blue Beech) Seepage Swamp	S1

WFw54	Northwestern Wet Aspen Forest	
WFw54a	Lowland Black Ash - Aspen - Balsam Poplar Forest	S4

Forested Rich Peatland System

FPn62	Northern Rich Spruce Swamp (Basin)	
FPn62a	Rich Black Spruce Swamp (Basin)	S3
FPn63	Northern Cedar Swamp	
FPn63a	White Cedar Swamp (Northeastern)	S4
FPn63b	White Cedar Swamp (Northcentral)	S3
FPn63c	White Cedar Swamp (Northwestern)	S3
FPn71	Northern Rich Spruce Swamp (Water Track)	
FPn71a	Rich Black Spruce Swamp (Water Track)	S3
FPn72	Northern Rich Tamarack Swamp (Eastern Basin)	
FPn72a	Rich Tamarack Swamp (Eastcentral)	S3
FPn81	Northern Rich Tamarack Swamp (Water Track)	
FPn81a	Rich Tamarack (Sundew - Pitcher Plant) Swamp	S4
FPn82	Northern Rich Tamarack Swamp (Western Basin)	
FPn82a	Rich Tamarack - (Alder) Swamp	S5
FPn82b	Extremely Rich Tamarack Swamp	S4
FPs63	Southern Rich Conifer Swamp	
FPs63a	Tamarack Swamp (Southern)	S2S3
FPw63	Northwestern Rich Conifer Swamp	
FPw63a	Tamarack - Black Spruce Swamp (Aspen Parkland)	S3
FPw63b	Tamarack Seepage Swamp (Aspen Parkland)	S3

Acid Peatland System

APn80	Northern Spruce Bog	
APn80a	Black Spruce Bog	S4
APn80a1	<i>Treed Subtype</i>	S4
APn80a2	<i>Semi-Treed Subtype</i>	S4
APn81	Northern Poor Conifer Swamp	
APn81a	Poor Black Spruce Swamp	S5
APn81b	Poor Tamarack - Black Spruce Swamp	S4
APn81b1	<i>Black Spruce Subtype</i>	S4
APn81b2	<i>Tamarack Subtype</i>	S4

Upland Grasslands, Shrublands, and Sparse Vegetation

Cliff/Talus System

CTn11	Northern Dry Cliff	
CTn11a	Dry Mafic Cliff (Northern)	S4
CTn11b	Dry Rove Cliff (Northern)	S2
CTn11c	Dry Thomson Cliff (Northern)	S1
CTn11d	Dry Felsic Cliff (Northern)	S3
CTn11e	Dry Sandstone Cliff (Northern)	S1
CTn12	Northern Open Talus	
CTn12a	Dry Open Talus (Northern)	S3
CTn12b	Mesic Open Talus (Northern)	S2
CTn24	Northern Scrub Talus	
CTn24a	Dry Scrub Talus (Northern)	S3
CTn24b	Mesic Scrub Talus (Northern)	S3
CTn32	Northern Mesic Cliff	
CTn32a	Mesic Mafic Cliff (Northern)	S3
CTn32b	Mesic Rove Cliff (Northern)	S3
CTn32c	Mesic Thomson Cliff (Northern)	S1
CTn32d	Mesic Felsic Cliff (Northern)	S2
CTn32e	Mesic Sandstone Cliff (Northern)	S1

CTn42	Northern Wet Cliff	
CTn42a	Wet Mafic Cliff (Northern)	S2
CTn42b	Wet Rove Cliff (Northern)	S1
CTn42c	Wet Felsic Cliff (Northern)	S1
CTn42d	Wet Sandstone Cliff (Northern)	S1
CTu22	Lake Superior Cliff	
CTu22a	Exposed Mafic Cliff (Lake Superior)	S3
CTu22b	Exposed Felsic Cliff (Lake Superior)	S2
CTu22c	Sheltered Mafic Cliff (Lake Superior)	S1
CTs12	Southern Dry Cliff	
CTs12a	Dry Sandstone Cliff (Southern)	S2
CTs12b	Dry Limestone - Dolomite Cliff (Southern)	S4
CTs12c	Dry Sioux Quartzite Cliff (Southern)	S1
CTs23	Southern Open Talus	
CTs23a	Dry Limestone - Dolomite Talus (Southern)	S3
CTs23b	Mesic Limestone - Dolomite Talus (Southern)	S3
CTs33	Southern Mesic Cliff	
CTs33a	Mesic Sandstone Cliff (Southern)	S2
CTs33b	Mesic Limestone - Dolomite Cliff (Southern)	S3
CTs43	Southern Maderate Cliff	
CTs43a	Maderate Cliff	S1
CTs43a1	<i>Limestone Subtype</i>	S1
CTs43a2	<i>Dolomite Subtype</i>	S1
CTs46	Southern Algific Talus	
CTs46a	Algific Talus	S1
CTs46a1	<i>Limestone Subtype</i>	S1
CTs46a2	<i>Dolomite Subtype</i>	S1
CTs53	Southern Wet Cliff	
CTs53a	Wet Sandstone Cliff (Southern)	S1
CTs53b	Wet Limestone - Dolomite Cliff (Southern)	S2

Rock Outcrop System

ROn12	Northern Bedrock Outcrop	
ROn12a	Sandstone Outcrop (Northern)	S2
ROn12b	Crystalline Bedrock Outcrop (Northern)	S4
ROn23	Northern Bedrock Shrubland	
ROn23a	Bedrock Shrubland (Inland)	S3
ROn23b	Bedrock Shrubland (Lake Superior)	S1
ROs12	Southern Bedrock Outcrop	
ROs12a	Crystalline Bedrock Outcrop (Prairie)	S2
ROs12a1	<i>Minnesota River Subtype</i>	S2
ROs12a2	<i>Sioux Quartzite Subtype</i>	S2
ROs12b	Crystalline Bedrock Outcrop (Transition)	S2
ROs12c	Sedimentary Bedrock Outcrop (Southeast)	S2 or S3
ROs12c1	<i>Sandstone Subtype</i>	S2
ROs12c2	<i>Limestone-Dolomite Subtype</i>	S3

Lakeshore System

LKi32	Inland Lake Sand/Gravel/Cobble Shore	
LKi32a	Sand Beach (Inland Lake)	S1
LKi32b	Gravel/Cobble Beach (Inland Lake)	S2
LKi43	Inland Lake Rocky Shore	
LKi43a	Boulder Shore (Inland Lake)	S4
LKi43b	Bedrock Shore (Inland Lake)	S4
LKi54	Inland Lake Clay/Mud Shore	
LKi54a	Clay/Mud Shore (Inland Lake)	S4

LKi54b	Mud Flat (Inland Lake)	S3
LKi54b1	Saline Subtype	S1
LKi54b2	Non-Saline Subtype	S3
LKu32	Lake Superior Sand/Gravel/Cobble Shore	
LKu32a	Beachgrass Dune (Lake Superior)	S1
LKu32b	Juniper Dune Shrubland (Lake Superior)	S1
LKu32c	Sand Beach (Lake Superior)	S1
LKu32d	Beach Ridge Shrubland (Lake Superior)	S2
LKu32e	Gravel/Cobble Beach (Lake Superior)	S4
LKu43	Lake Superior Rocky Shore	
LKu43a	Dry Bedrock Shore (Lake Superior)	S4
LKu43b	Wet Rocky Shore (Lake Superior)	S2
LKu43b1	Cobble Subtype	S2
LKu43b2	Bedrock Subtype	S2

River Shore System

RVx32	Sand/Gravel/Cobble River Shore	
RVx32a	Willow Sandbar Shrubland (River)	S4
RVx32b	Sand Beach/Sandbar (River)	S3
RVx32b1	Intermittent Streambed Subtype	S3
RVx32b2	Permanent Stream Subtype	S3
RVx32c	Gravel/Cobble Beach (River)	S3
RVx32c1	Intermittent Streambed Subtype	S3
RVx32c2	Permanent Stream Subtype	S3
RVx43	Rocky River Shore	
RVx43a	Bedrock/Boulder Shore (River)	S3
RVx43a1	Intermittent Streambed Subtype	S3
RVx43a2	Permanent Stream Subtype	S3
RVx54	Clay/Mud River Shore	
RVx54a	Slumping Clay/Mud Slope (River)	S2
RVx54b	Clay/Mud Shore (River)	S3
RVx54b1	Intermittent Streambed Subtype	S3
RVx54b2	Permanent Stream Subtype	S3

Upland Prairie System

UPn12	Northern Dry Prairie	
UPn12a	Dry Barrens Prairie (Northern)	S1
UPn12b	Dry Sand - Gravel Prairie (Northern)	S2
UPn12c	Dry Sand - Gravel Brush-Prairie (Northern)	S1
UPn12d	Dry Hill Prairie (Northern)	S1
UPn13	Northern Dry Savanna	
UPn13a	Dry Barrens Jack Pine Savanna (Northern)	S1
UPn13b	Dry Barrens Oak Savanna (Northern)	S1S2
UPn13c	Dry Sand - Gravel Oak Savanna (Northern)	S1
UPn13d	Dry Hill Oak Savanna (Northern)	S1
UPn23	Northern Mesic Prairie	
UPn23a	Mesic Brush-Prairie (Northern)	S2
UPn23b	Mesic Prairie (Northern)	S2
UPn24	Northern Mesic Savanna	
UPn24a	Mesic Oak Savanna (Northern)	S1
UPn24b	Aspen Openings (Northern)	S2
UPs13	Southern Dry Prairie	
UPs13a	Dry Barrens Prairie (Southern)	S1S2
UPs13b	Dry Sand - Gravel Prairie (Southern)	S2
UPs13c	Dry Bedrock Bluff Prairie (Southern)	S3
UPs13d	Dry Hill Prairie (Southern)	S2

UPs14	Southern Dry Savanna	
UPs14a	Dry Barrens Oak Savanna (Southern)	S1 or S1S2
UPs14a1	<i>Jack Pine Subtype</i>	S1
UPs14a2	<i>Oak Subtype</i>	S1S2
UPs14b	Dry Sand - Gravel Oak Savanna (Southern)	S1S2
UPs14c	Dry Hill Oak Savanna (Southern)	S1
UPs23	Southern Mesic Prairie	
UPs23a	Mesic Prairie (Southern)	S2
UPs24	Southern Mesic Savanna	
UPs24a	Mesic Oak Savanna (Southern)	S1

Wetland Grasslands, Shrublands, and Marshes

Acid Peatland System

APn90	Northern Open Bog	
APn90a	Low Shrub Bog	S4S5
APn90b	Graminoid Bog	S2 or S4
APn90b1	<i>Typic Subtype</i>	S4
APn90b2	<i>Schlenke Subtype</i>	S2
APn91	Northern Poor Fen	
APn91a	Low Shrub Poor Fen	S5
APn91b	Graminoid Poor Fen (Basin)	S3
APn91c	Graminoid Poor Fen (Water Track)	S3 or S4
APn91c1	<i>Featureless Water Track Subtype</i>	S4
APn91c2	<i>Flark Subtype</i>	S3

Open Rich Peatland System

OPn81	Northern Shrub Shore Fen	
OPn81a	Bog birch - Alder Shore Fen	S5
OPn81b	Leatherleaf - Sweet Gale Shore Fen	S5
OPn91	Northern Rich Fen (Water Track)	
OPn91a	Shrub Rich Fen (Water Track)	S4
OPn91b	Graminoid Rich Fen (Water Track)	S2 or S3
OPn91b1	<i>Featureless Water Track Subtype</i>	S3
OPn91b2	<i>Flark Subtype</i>	S2
OPn92	Northern Rich Fen (Basin)	
OPn92a	Graminoid Rich Fen (Basin)	S4
OPn92b	Graminoid - Sphagnum Rich Fen (Basin)	S4
OPn93	Northern Extremely Rich Fen	
OPn93a	Spring Fen	S2
OPp91	Prairie Rich Fen	
OPp91a	Rich Fen (Mineral Soil)	S3
OPp91b	Rich Fen (Peatland)	S3
OPp91c	Rich Fen (Prairie Seepage)	S3
OPp93	Prairie Extremely Rich Fen	
OPp93a	Calcareous Fen (Northwestern)	S2
OPp93b	Calcareous Fen (Southwestern)	S2
OPp93c	Calcareous Fen (Southeastern)	S1

Wet Forest System

WFn74	Northern Wet Alder Swamp	
WFn74a	Alder - (Red Currant - Meadow-Rue) Swamp	S3

Forested Rich Peatland System

FPn73	Northern Rich Alder Swamp	
FPn73a	Alder - (Maple - Loosestrife) Swamp	S5

Wet Meadow/Carr System

WMn82	Northern Wet Meadow/Carr	
WMn82a	Willow - Dogwood Shrub Swamp	S5
WMn82b	Sedge Meadow	S4 or S5
WMn82b1	<i>Bluejoint Subtype</i>	S5
WMn82b2	<i>Tussock Sedge Subtype</i>	S4
WMn82b3	<i>Beaked Sedge Subtype</i>	S4
WMn82b4	<i>Lake Sedge Subtype</i>	S5
WMs83	Southern Seepage Meadow/Carr	
WMs83a	Seepage Meadow/Carr	S3
WMs83a1	<i>Tussock Sedge Subtype</i>	S3
WMs83a2	<i>Aquatic Sedge Subtype</i>	S3
WMs83a3	<i>Impatiens Subtype</i>	S2
WMs92	Southern Basin Wet Meadow/Carr	
WMs92a	Basin Meadow/Carr	S2
WMp73	Prairie Wet Meadow/Carr	
WMp73a	Prairie Meadow/Carr	S3

Marsh System

MRn83	Northern Mixed Cattail Marsh	
MRn83a	Cattail - Sedge Marsh (Northern)	S2
MRn83b	Cattail Marsh (Northern)	S2
MRn93	Northern Bulrush-Spikerush Marsh	
MRn93a	Bulrush Marsh (Northern)	S3
MRn93b	Spikerush - Bur Reed Marsh (Northern)	S2
MRu94	Lake Superior Coastal Marsh	
MRu94a	Estuary Marsh (Lake Superior)	S1
MRp83	Prairie Mixed Cattail Marsh	
MRp83a	Cattail - Sedge Marsh (Prairie)	S1
MRp83b	Cattail Marsh (Prairie)	S1
MRp93	Prairie Bulrush-Arrowhead Marsh	
MRp93a	Bulrush Marsh (Prairie)	S1
MRp93b	Spikerush - Bur Reed Marsh (Prairie)	S1
MRp93c	Arrowhead Marsh (Prairie)	S1

Wetland Prairie System

WPn53	Northern Wet Prairie	
WPn53a	Wet Seepage Prairie (Northern)	S2
WPn53b	Wet Brush-Prairie (Northern)	S3
WPn53c	Wet Prairie (Northern)	S3
WPn53d	Wet Saline Prairie (Northern)	S2
WPs54	Southern Wet Prairie	
WPs54a	Wet Seepage Prairie (Southern)	S1
WPs54b	Wet Prairie (Southern)	S2
WPs54c	Wet Saline Prairie (Southern)	S1