

# PLANT CHECKLIST

Pembina Trail SNA

## MINNESOTA SCIENTIFIC AND NATURAL AREAS



Natural places worth knowing



Species	Confidence
<b>AQUATICS</b>	
__ water smartweed ( <i>Persicaria amphibia</i> )	3
<b>CLIMBERS/VINES AND EPIPHYTES</b>	
__ wild grape ( <i>Vitis riparia</i> )	2
<b>FERNS AND LYCOPHYTES</b>	
__ field horsetail ( <i>Equisetum arvense</i> )	2
__ smooth scouring rush ( <i>Equisetum laevigatum</i> )	2
<b>FORBS</b>	
__ common yarrow ( <i>Achillea millefolium</i> )	2
__ glaucous false dandelion ( <i>Agoseris glauca</i> )	2
__ prairie wild onion ( <i>Allium stellatum</i> )	2
__ western ragweed ( <i>Ambrosia psilostachya</i> )	2
__ canada anemone ( <i>Anemone canadensis</i> )	2
__ long-headed thimbleweed ( <i>Anemone cylindrica</i> )	2
__ spreading dogbane ( <i>Apocynum androsaemifolium</i> )	2
__ American hemp ( <i>Apocynum cannabinum</i> )	2
__ white sage ( <i>Artemisia ludoviciana</i> )	3
__ swamp milkweed ( <i>Asclepias incarnata</i> )	2
__ oval-leaved milkweed ( <i>Asclepias ovalifolia</i> )	3
__ showy milkweed ( <i>Asclepias speciosa</i> )	3
__ common milkweed ( <i>Asclepias syriaca</i> )	2
__ asparagus ( <i>Asparagus officinalis</i> )*	2
__ fieldmilk-vetch ( <i>Astragalus agrestis</i> )	2
__ Canada milk-vetch ( <i>Astragalus canadensis</i> )	2
__ ground plum ( <i>Astragalus crassicaarpus</i> )	3
__ hedge bindweed ( <i>Calystegia sepium</i> )	3
__ marsh bellflower ( <i>Campanula aparinoides</i> )	2
__ harebell ( <i>Campanula rotundifolia</i> )	2
__ Indian paintbrush ( <i>Castilleja coccinea</i> )	2
__ downy paintbrush ( <i>Castilleja sessiliflora</i> )	2
__ field chickweed ( <i>Cerastium arvense</i> )	2
__ spotted water hemlock ( <i>Cicuta maculata</i> )	2
__ Canada thistle ( <i>Cirsium arvense</i> )*	2
__ Flodman's thistle ( <i>Cirsium flodmanii</i> )	2
__ swamp thistle ( <i>Cirsium muticum</i> )	2
__ bastard toadflax ( <i>Comandra umbellata</i> )	2
__ marsh cinquefoil ( <i>Comarum palustre</i> )	2
__ incised hawk's beard ( <i>Crepis runcinata</i> )	2

Species	Confidence
__ small white lady's slipper ( <i>Cypripedium candidum</i> ) <sup>SPC</sup>	1
__ white prairie clover ( <i>Dalea candida</i> )	2
__ purple prairie clover ( <i>Dalea purpurea</i> )	2
__ flat-topped aster ( <i>Doellingeria umbellata</i> )	2
__ tall cinquefoil ( <i>Drymocallis arguta</i> )	2
__ narrow-leaved purple coneflower ( <i>Echinacea angustifolia</i> )	2
__ linear-leaved willow herb ( <i>Epilobium leptophyllum</i> )	2
__ short ray fleabane ( <i>Erigeron lonchophyllus</i> ) <sup>THR</sup>	1
__ Philadelphia fleabane ( <i>Erigeron philadelphicus</i> )	2
__ daisy fleabane ( <i>Erigeron strigosus</i> )	2
__ small-flowered wallflower ( <i>Erysimum inconspicuum</i> )	2
__ grass-leaved goldenrod ( <i>Euthamia graminifolia</i> )	2
__ spotted Joe pye weed ( <i>Eutrochium maculatum</i> )	2
__ common strawberry ( <i>Fragaria virginiana</i> )	2
__ blanketflower ( <i>Gaillardia aristata</i> ) <sup>SPC</sup>	1
__ northern bedstraw ( <i>Galium boreale</i> )	2
__ obtuse bedstraw ( <i>Galium obtusum</i> )	2
__ northern gentian ( <i>Gentiana affinis</i> ) <sup>SPC</sup>	1
__ bottle gentian ( <i>Gentiana andrewsii</i> )	2
__ greater fringed gentian ( <i>Gentianopsis crinita</i> )	2
__ lesser fringed gentian ( <i>Gentianopsis virgata</i> )	1
__ prairie smoke ( <i>Geum triflorum</i> )	3
__ wild licorice ( <i>Glycyrrhiza lepidota</i> )	3
__ autumn sneezeweed ( <i>Helenium autumnale</i> )	2
__ giant sunflower ( <i>Helianthus giganteus</i> )	3
__ Maximilian's sunflower ( <i>Helianthus maximiliani</i> )	2
__ stiff sunflower ( <i>Helianthus pauciflorus</i> )	2
__ alumroot ( <i>Heuchera richardsonii</i> )	2
__ rough hawkweed ( <i>Hieracium umbellatum</i> )	2
__ yellow star-grass ( <i>Hypoxis hirsuta</i> )	2

Species	Confidence
__ marsh vetchling ( <i>Lathyrus palustris</i> )	2
__ rough blazing star ( <i>Liatris aspera</i> )	2
__ northern plains blazing star ( <i>Liatris ligulistylis</i> )	2
__ dotted blazing star ( <i>Liatris punctata</i> )	2
__ great blazing star ( <i>Liatris pycnostachya</i> )	2
__ wood lily ( <i>Lilium philadelphicum</i> )	2
__ hoary puccoon ( <i>Lithospermum canescens</i> )	2
__ Kalm's lobelia ( <i>Lobelia kalmii</i> )	2
__ pale-spiked lobelia ( <i>Lobelia spicata</i> )	2
__ cut-leaved bugleweed ( <i>Lycopus americanus</i> )	2
__ rough bugleweed ( <i>Lycopus asper</i> )	2
__ fringed loosestrife ( <i>Lysimachia ciliata</i> )	2
__ prairie loosestrife ( <i>Lysimachia quadriflora</i> )	2
__ tufted loosestrife ( <i>Lysimachia thyrsoiflora</i> )	3
__ starry false Solomon's seal ( <i>Maianthemum stellatum</i> )	2
__ alfalfa ( <i>Medicago sativa</i> )*	2
__ white sweet clover ( <i>Melilotus albus</i> )*	2
__ yellow sweet clover ( <i>Melilotus officinalis</i> )*	2
__ common mint ( <i>Mentha arvensis</i> )	2
__ wild bergamot ( <i>Monarda fistulosa</i> )	2
__ beautiful blue lettuce ( <i>Mulgedium pulchellum</i> )	2
__ common evening primrose ( <i>Oenothera biennis</i> )	2
__ false gromwell ( <i>Onosmodium molle</i> )	3
__ violet wood-sorrel ( <i>Oxalis violacea</i> )	3
__ golden ragwort ( <i>Packera aurea</i> )	2
__ prairie ragwort ( <i>Packera plattensis</i> )	2
__ western heart-leaved groundsel ( <i>Packera pseudoaurea</i> )	2
__ American grass-of-parnassus ( <i>Parnassia glauca</i> )	2
__ wood betony ( <i>Pedicularis canadensis</i> )	2
__ swamp lousewort ( <i>Pedicularis lanceolata</i> )	2
__ silverleaf scurfpea ( <i>Pediomelum argophyllum</i> )	2
__ Virginia ground cherry ( <i>Physalis virginiana</i> )	2
__ alkali plantain ( <i>Plantago eriopoda</i> )	2

Species	Confidence
__ western prairie fringed orchid ( <i>Platanthera praeclara</i> ) <sup>END,E</sup>	1
__ whorled milkwort ( <i>Polygala verticillata</i> )	2
__ silverweed ( <i>Potentilla anserina</i> )	2
__ rough cinquefoil ( <i>Potentilla norvegica</i> )	2
__ smooth rattlesnakeroot ( <i>Prenanthes racemosa</i> )	2
__ heal-all ( <i>Prunella vulgaris</i> )*	2
__ Virginia mountain mint ( <i>Pycnanthemum virginianum</i> )	2
__ prairie buttercup ( <i>Ranunculus rhomboideus</i> )	2
__ dwarf raspberry ( <i>Rubus pubescens</i> )	2
__ black-eyed susan ( <i>Rudbeckia hirta</i> )	2
__ mountain blue-eyed grass ( <i>Sisyrinchium montanum</i> )	2
__ smooth carrion flower ( <i>Smilax herbacea</i> )	2
__ Canada goldenrod ( <i>Solidago canadensis</i> )	3
__ giant goldenrod ( <i>Solidago gigantea</i> )	2
__ hairy goldenrod ( <i>Solidago hispida</i> )	2
__ Missouri goldenrod ( <i>Solidago missouriensis</i> )	2
__ gray goldenrod ( <i>Solidago nemoralis</i> )	2
__ upland white aster ( <i>Solidago ptarmicoides</i> )	2
__ Riddell's goldenrod ( <i>Solidago riddellii</i> )	2
__ stiff goldenrod ( <i>Solidago rigida</i> )	2
__ showy goldenrod ( <i>Solidago speciosa</i> )	2
__ field sow thistle ( <i>Sonchus arvensis</i> )*	2
__ Great Plains ladies' tresses ( <i>Spiranthes magnicamporum</i> )	3
__ woundwort ( <i>Stachys palustris</i> )	2
__ bog aster ( <i>Symphyotrichum boreale</i> )	2
__ short-rayed aster ( <i>Symphyotrichum ciliatum</i> )	3
__ heath aster ( <i>Symphyotrichum ericoides</i> )	2
__ smooth blue aster ( <i>Symphyotrichum laeve</i> )	2
__ panicled aster ( <i>Symphyotrichum lanceolatum</i> )	2
__ New England aster ( <i>Symphyotrichum novae-angliae</i> )	2
__ tall meadow-rue ( <i>Thalictrum dasycarpum</i> )	2
__ yellow goat's beard ( <i>Tragopogon dubius</i> )*	2
__ sticky false asphodel ( <i>Triantha glutinosa</i> )	2

Species	Confidence
__ field hop clover ( <i>Trifolium campestre</i> )*	2
__ red clover ( <i>Trifolium pratense</i> )*	2
__ white clover ( <i>Trifolium repens</i> )*	2
__ seaside arrowgrass ( <i>Triglochin maritima</i> )	2
__ marsh arrowgrass ( <i>Triglochin palustris</i> )	1
__ broad-leaved cattail ( <i>Typha latifolia</i> )	2
__ Culver's root ( <i>Veronicastrum virginicum</i> )	2
__ American vetch ( <i>Vicia americana</i> )	2
__ northern bog violet ( <i>Viola nephrophylla</i> )	2
__ bearded birdfoot violet ( <i>Viola pedatifida</i> )	3
__ white camas ( <i>Zigadenus elegans</i> )	2
__ heart-leaved alexanders ( <i>Zizia aptera</i> )	2
__ golden alexanders ( <i>Zizia aurea</i> )	2
<b>GRAMINOIDS</b>	
__ redbud ( <i>Agrostis gigantea</i> )*	2
__ winter bentgrass ( <i>Agrostis hyemalis</i> ) <sup>END</sup>	3
__ rough bentgrass ( <i>Agrostis scabra</i> )	2
__ spreading bentgrass ( <i>Agrostis stolonifera</i> )*	2
__ creeping meadow foxtail ( <i>Alopecurus arundinaceus</i> )*	1
__ big bluestem ( <i>Andropogon gerardii</i> )	2
__ sweet grass ( <i>Anthoxanthum hirtum</i> )	2
__ smooth brome ( <i>Bromus inermis</i> )*	2
__ Kalm's brome ( <i>Bromus kalmii</i> )	2
__ bluejoint ( <i>Calamagrostis canadensis</i> )	2
__ slimstem reedgrass ( <i>Calamagrostis stricta</i> )	2
__ plains oval sedge ( <i>Carex brevior</i> )	3
__ Buxbaum's sedge ( <i>Carex buxbaumii</i> )	2
__ Crawe's sedge ( <i>Carex crawei</i> )	2
__ Hall's sedge ( <i>Carex hallii</i> ) <sup>SPC</sup>	1
__ very slender sedge ( <i>Carex praegracilis</i> )	2
__ northern single-spike sedge ( <i>Carex scirpoidea</i> ) <sup>SPC</sup>	1
__ sterile sedge ( <i>Carex sterilis</i> ) <sup>THR</sup>	1
__ rigid sedge ( <i>Carex tetanica</i> )	2
__ tufted hair grass ( <i>Deschampsia cespitosa</i> )	2
__ hairy panic grass ( <i>Dichanthelium acuminatum</i> )	2

Species	Confidence
__ Leiberg's panic grass ( <i>Dichantherium leibergii</i> )	2
__ salt grass ( <i>Distichlis spicata</i> )	3
__ flattened spikerush ( <i>Eleocharis compressa</i> )	2
__ quackgrass ( <i>Elymus repens</i> )*	2
__ slender wheatgrass ( <i>Elymus trachycaulus</i> )	2
__ fowl manna grass ( <i>Glyceria striata</i> )	2
__ porcupine grass ( <i>Hesperostipa spartea</i> )	2
__ foxtail barley ( <i>Hordeum jubatum</i> )	2
__ alpine rush ( <i>Juncus alpinoarticulatus</i> )	2
__ jointed rush ( <i>Juncus articulatus</i> ) <sup>END</sup>	2
__ baltic rush ( <i>Juncus balticus</i> )	2
__ Dudley's rush ( <i>Juncus dudleyi</i> )	2
__ inland rush ( <i>Juncus interior</i> )	2
__ long-styled rush ( <i>Juncus longistylis</i> )	2
__ knotty rush ( <i>Juncus nodosus</i> )	2
__ Torrey's rush ( <i>Juncus torreyi</i> )	2
__ junegrass ( <i>Koeleria macrantha</i> )	2
__ scratchgrass ( <i>Muhlenbergia asperifolia</i> )	2
__ clustered muhly grass ( <i>Muhlenbergia glomerata</i> )	2
__ mat muhly grass ( <i>Muhlenbergia richardsonis</i> )	2
__ witch grass ( <i>Panicum capillare</i> )	2
__ switchgrass ( <i>Panicum virgatum</i> )	2
__ reed canary grass ( <i>Phalaris arundinacea</i> )*	2
__ timothy ( <i>Phleum pratense</i> )*	2
__ Plains bluegrass ( <i>Poa arida</i> ) <sup>WL</sup>	1
__ Canada bluegrass ( <i>Poa compressa</i> )*	2
__ fowl bluegrass ( <i>Poa palustris</i> )	2
__ Kentucky bluegrass ( <i>Poa pratensis</i> )*	2
__ hair-like beak rush ( <i>Rhynchospora capillacea</i> ) <sup>THR</sup>	1
__ little bluestem ( <i>Schizachyrium scoparium</i> )	2
__ Indian grass ( <i>Sorghastrum nutans</i> )	2
__ alkali cordgrass ( <i>Spartina gracilis</i> )	1
__ prairie cordgrass ( <i>Spartina pectinata</i> )	2
__ slender wedge grass ( <i>Sphenopholis intermedia</i> )	2
__ prairie wedge grass ( <i>Sphenopholis obtusata</i> )	3

Species	Confidence
__ rough dropseed ( <i>Sporobolus compositus</i> )	2
__ prairie dropseed ( <i>Sporobolus heterolepis</i> )	2
<b>TREES AND SHRUBS</b>	
__ leadplant ( <i>Amorpha canescens</i> )	2
__ fragrant false indigo ( <i>Amorpha nana</i> )	2
__ bog birch ( <i>Betula pumila</i> )	2
__ red-osier dogwood ( <i>Cornus sericea</i> )	2
__ shrubby cinquefoil ( <i>Dasiphora fruticosa</i> )	2
__ silverberry ( <i>Elaeagnus commutata</i> )	2
__ balsam poplar ( <i>Populus balsamifera</i> )	2
__ quaking aspen ( <i>Populus tremuloides</i> )	2
__ sand cherry ( <i>Prunus pumila</i> )	2
__ prairie rose ( <i>Rosa arkansana</i> )	1
__ smooth wild rose ( <i>Rosa blanda</i> )	1
__ Wood's rose ( <i>Rosa woodsii</i> )	2
__ Bebb's willow ( <i>Salix bebbiana</i> )	2
__ sage-leaved willow ( <i>Salix candida</i> )	2
__ pussy willow ( <i>Salix discolor</i> )	2
__ prairie willow ( <i>Salix humilis</i> )	2
__ slender willow ( <i>Salix petiolaris</i> )	2
__ white meadowsweet ( <i>Spiraea alba</i> )	2
__ wolfberry ( <i>Symphoricarpos occidentalis</i> )	2
__ western poison ivy ( <i>Toxicodendron rydbergii</i> )	2
__ nannyberry ( <i>Viburnum lentago</i> )	2

## Plant Groups (Physiognomy) Defined

**Aquatics** - floating, emergent, submerged  
**Climbers/vines and epiphytes** (grows on other plants)  
**Ferns and lycophytes** - spore-bearing plants  
**Forbs** - herbaceous flowering plants  
**Graminoids** - grasses, sedges, and rushes  
**Succulents** - cactus-like  
**Trees and shrubs** - woody plants  
**Mosses** - non-flowering plants that lack true roots

## Rare and Introduced Status Keys

**END** - Endangered (State), **E** - Endangered (Federal)  
**THR** - Threatened (State), **T** - Threatened (Federal)  
**SPC** - Special Concern  
**WL** - Watchlist

\* - Introduced or \*\* - Undetermined

## Data Confidence Key

**1** - Vouchered record (specimen in herbarium collection)  
**2** - Vetted record (confirmed by DNR staff)  
**3** - Unverified record

Data for this checklist were gathered from the [Minnesota Biodiversity Atlas](#), MN DNR staff and contractors, [iNaturalist](#), and [EDDMapS](#) records. Checklist nomenclature for scientific name follows the most current [Flora of North America](#) and the preferred MN DNR common name (see [MNTaxa](#) for details).

Plant collecting is not allowed at any Scientific and Natural Area. Scientists may be allowed collections through a research permit.

**Resources:** [Minnesota Wildflowers](#) (species profiles and phenology), [Rare Species Guide](#), [invasive plants](#), Minnesota Biodiversity Atlas (range maps and herbarium specimens).

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