

PLANT CHECKLIST

Hastings Sand Coulee SNA

MINNESOTA SCIENTIFIC AND NATURAL AREAS



Natural places worth knowing



Species	Confidence	Species	Confidence
CLIMBERS/VINES AND EPIPHYTES			
<input type="checkbox"/> American bittersweet (<i>Celastrus scandens</i>)	3	<input type="checkbox"/> field mustard (<i>Brassica rapa</i>)*	3
<input type="checkbox"/> Virginia creeper (<i>Parthenocissus quinquefolia</i>)	3	<input type="checkbox"/> false boneset (<i>Brickellia eupatorioides</i>)	3
<input type="checkbox"/> wild grape (<i>Vitis riparia</i>)	3	<input type="checkbox"/> harebell (<i>Campanula rotundifolia</i>)	3
FERNS AND LYCOPHYTES			
<input type="checkbox"/> northern lady fern (<i>Athyrium filix-femina</i>)	3	<input type="checkbox"/> nodding thistle (<i>Carduus nutans</i>)*	3
<input type="checkbox"/> smooth scouring rush (<i>Equisetum laevigatum</i>)	3	<input type="checkbox"/> spotted knapweed (<i>Centaurea stoebe</i>)*	3
<input type="checkbox"/> common scouring rush (<i>Equisetum praealtum</i>)	3	<input type="checkbox"/> white lamb's quarters (<i>Chenopodium album</i>)*	3
<input type="checkbox"/> rock spikemoss (<i>Selaginella rupestris</i>)	1	<input type="checkbox"/> field thistle (<i>Cirsium discolor</i>)	3
FORBS			
<input type="checkbox"/> common yarrow (<i>Achillea millefolium</i>)	3	<input type="checkbox"/> bastard toadflax (<i>Comandra umbellata</i>)	2
<input type="checkbox"/> blue giant hyssop (<i>Agastache foeniculum</i>)	3	<input type="checkbox"/> horseweed (<i>Conyza canadensis</i>)	1
<input type="checkbox"/> white snakeroot (<i>Ageratina altissima</i>)	3	<input type="checkbox"/> bird's foot coreopsis (<i>Coreopsis palmata</i>)	1
<input type="checkbox"/> garlic mustard (<i>Alliaria petiolata</i>)*	3	<input type="checkbox"/> golden corydalis (<i>Corydalis aurea</i>)	3
<input type="checkbox"/> western ragweed (<i>Ambrosia psilostachya</i>)	3	<input type="checkbox"/> slender fumewort (<i>Corydalis micrantha</i>)	3
<input type="checkbox"/> western androsace (<i>Androsace occidentalis</i>)	2	<input type="checkbox"/> yellow hawk's beard (<i>Crepis tectorum</i>)*	3
<input type="checkbox"/> Carolina thimbleweed (<i>Anemone caroliniana</i>)	3	<input type="checkbox"/> hoary frostweed (<i>Crocyanthemum bicknellii</i>)	3
<input type="checkbox"/> long-headed thimbleweed (<i>Anemone cylindrica</i>)	3	<input type="checkbox"/> winged pigweed (<i>Cycloloma atriplicifolium</i>)	3
<input type="checkbox"/> wood anemone (<i>Anemone quinquefolia</i>)	3	<input type="checkbox"/> white prairie clover (<i>Dalea candida</i>)	3
<input type="checkbox"/> field pussytoes (<i>Antennaria neglecta</i>)	3	<input type="checkbox"/> purple prairie clover (<i>Dalea purpurea</i>)	3
<input type="checkbox"/> Parlin's pussytoes (<i>Antennaria parlinii</i>)	3	<input type="checkbox"/> silky prairie clover (<i>Dalea villosa</i>)	3
<input type="checkbox"/> small-leaved pussytoes (<i>Antennaria parvifolia</i>) ^{SPC}	3	<input type="checkbox"/> Carolina delphinium (<i>Delphinium carolinianum</i>)	2
<input type="checkbox"/> plantain-leaved pussytoes (<i>Antennaria plantaginifolia</i>)	3	<input type="checkbox"/> dutchman's breeches (<i>Dicentra cucullaria</i>)	2
<input type="checkbox"/> lyrate rockcress (<i>Arabis lyrata</i>)	2	<input type="checkbox"/> Carolina whitlow grass (<i>Draba reptans</i>)	2
<input type="checkbox"/> hairy rock cress (<i>Arabis pycnocarpa</i>)	3	<input type="checkbox"/> tall cinquefoil (<i>Drymocallis arguta</i>)	3
<input type="checkbox"/> field sagewort (<i>Artemisia campestris</i>)	2	<input type="checkbox"/> daisy fleabane (<i>Erigeron strigosus</i>)	3
<input type="checkbox"/> white sage (<i>Artemisia ludoviciana</i>)	3	<input type="checkbox"/> wormseed mustard (<i>Erysimum cheiranthoides</i>)*	3
<input type="checkbox"/> common milkweed (<i>Asclepias syriaca</i>)	3	<input type="checkbox"/> eastern flowering spurge (<i>Euphorbia corollata</i>)	3
<input type="checkbox"/> butterflyweed (<i>Asclepias tuberosa</i>)	3	<input type="checkbox"/> fire-on-the-mountain (<i>Euphorbia cyathophora</i>)	3
<input type="checkbox"/> whorled milkweed (<i>Asclepias verticillata</i>)	3	<input type="checkbox"/> cypress spurge (<i>Euphorbia cyparissias</i>)*	3
<input type="checkbox"/> green milkweed (<i>Asclepias viridiflora</i>)	2	<input type="checkbox"/> toothed spurge (<i>Euphorbia dentata</i>)	3
<input type="checkbox"/> Canada milk-vetch (<i>Astragalus canadensis</i>)	3	<input type="checkbox"/> Geyer's spurge (<i>Euphorbia geyeri</i>)	1
<input type="checkbox"/> ground plum (<i>Astragalus crassicaarpus</i>)	3	<input type="checkbox"/> ribseed sandmat (<i>Euphorbia glyptosperma</i>)	3
<input type="checkbox"/> hoary alyssum (<i>Berteroa incana</i>)*	3	<input type="checkbox"/> black-bindweed (<i>Fallopia convolvulus</i>)*	3
<input type="checkbox"/> spreading rock cress (<i>Boechera grahamii</i>)	3	<input type="checkbox"/> wood strawberry (<i>Fragaria vesca</i>)	3
		<input type="checkbox"/> common strawberry (<i>Fragaria virginiana</i>)	3
		<input type="checkbox"/> prairie cottonweed (<i>Froelichia floridana</i>)	3
		<input type="checkbox"/> cleavers (<i>Galium aparine</i>)	3
		<input type="checkbox"/> sweet-scented bedstraw (<i>Galium triflorum</i>)	3
		<input type="checkbox"/> downy gentian (<i>Gentiana puberulenta</i>)	3

Species	Confidence
__ white avens (<i>Geum canadense</i>)	3
__ prairie smoke (<i>Geum triflorum</i>)	2
__ Virginia stickseed (<i>Hackelia virginiana</i>)	3
__ mock pennyroyal (<i>Hedeoma hispida</i>)	3
__ bluets (<i>Hedyotis longifolia</i>)	3
__ stiff sunflower (<i>Helianthus pauciflorus</i>)	3
__ woodland sunflower (<i>Helianthus strumosus</i>)	3
__ ox-eye (<i>Heliopsis helianthoides</i>)	3
__ hairy golden aster (<i>Heterotheca villosa</i>)	3
__ alumroot (<i>Heuchera richardsonii</i>)	3
__ long-bearded hawkweed (<i>Hieracium longipilum</i>) ^{WL}	1
__ Canada wild lettuce (<i>Lactuca canadensis</i>)	1
__ Louisiana lettuce (<i>Lactuca ludoviciana</i>)	3
__ prairie pinweed (<i>Lechea stricta</i>)	3
__ common motherwort (<i>Leonurus cardiaca</i>)*	3
__ green-flowered peppergrass (<i>Lepidium densiflorum</i>)	3
__ round-headed bush clover (<i>Lespedeza capitata</i>)	3
__ rough blazing star (<i>Liatris aspera</i>)	3
__ northern plains blazing star (<i>Liatris ligulistylis</i>)	3
__ dotted blazing star (<i>Liatris punctata</i>)	3
__ butter-and-eggs (<i>Linaria vulgaris</i>)*	3
__ grooved yellow flax (<i>Linum sulcatum</i>)	3
__ Loesel's twayblade (<i>Liparis loeselii</i>)	3
__ hoary puccoon (<i>Lithospermum canescens</i>)	3
__ hairy puccoon (<i>Lithospermum caroliniense</i>)	3
__ narrow-leaved puccoon (<i>Lithospermum incisum</i>)	3
__ pale-spiked lobelia (<i>Lobelia spicata</i>)	3
__ Canada mayflower (<i>Maianthemum canadense</i>)	3
__ common false Solomon's seal (<i>Maianthemum racemosum</i>)	3
__ starry false Solomon's seal (<i>Maianthemum stellatum</i>)	3
__ white sweet clover (<i>Melilotus albus</i>)*	3
__ yellow sweet clover (<i>Melilotus officinalis</i>)*	3
__ heart-leaved four o'clock (<i>Mirabilis nyctaginea</i>)	3

Species	Confidence
__ carpetweed (<i>Mollugo verticillata</i>)	1
__ wild bergamot (<i>Monarda fistulosa</i>)	3
__ catnip (<i>Nepeta cataria</i>)*	3
__ common evening primrose (<i>Oenothera biennis</i>)	3
__ Cleland's evening primrose (<i>Oenothera clelandii</i>)	3
__ toothed evening primrose (<i>Oenothera serrulata</i>)	3
__ Clayton's sweet cicely (<i>Osmorhiza claytonii</i>)	3
__ violet wood-sorrel (<i>Oxalis violacea</i>)	2
__ prairie ragwort (<i>Packera plattensis</i>)	3
__ slender beard tongue (<i>Penstemon gracilis</i>)	1
__ large-flowered beard tongue (<i>Penstemon grandiflorus</i>)	3
__ prairie phlox (<i>Phlox pilosa</i>)	3
__ clammy ground cherry (<i>Physalis heterophylla</i>)	3
__ Virginia ground cherry (<i>Physalis virginiana</i>)	1
__ Pursh's plantain (<i>Plantago patagonica</i>)	3
__ clammy weed (<i>Polanisia dodecandra</i>)	3
__ James' polanisia (<i>Polanisia jamesii</i>) ^{END}	3
__ racemed milkwort (<i>Polygala polygama</i>)	3
__ whorled milkwort (<i>Polygala verticillata</i>)	3
__ giant Solomon's seal (<i>Polygonatum biflorum</i>)	3
__ bushy knotweed (<i>Polygonum ramosissimum</i>)	3
__ slender knotweed (<i>Polygonum tenue</i>)	3
__ rough cinquefoil (<i>Potentilla norvegica</i>)	3
__ rough-fruited cinquefoil (<i>Potentilla recta</i>)*	3
__ sweet everlasting (<i>Pseudognaphalium obtusifolium</i>)	3
__ kidney-leaved buttercup (<i>Ranunculus abortivus</i>)	3
__ prairie buttercup (<i>Ranunculus rhomboideus</i>)	2
__ gray-headed coneflower (<i>Ratibida pinnata</i>)	3
__ black-eyed susan (<i>Rudbeckia hirta</i>)	3
__ broad-leaved arrowhead (<i>Sagittaria latifolia</i>)	3
__ maryland black snakeroot (<i>Sanicula marilandica</i>)	3
__ bouncing bet (<i>Saponaria officinalis</i>)*	3

Species	Confidence
__ lance-leaved figwort (<i>Scrophularia lanceolata</i>)	3
__ prairie skullcap (<i>Scutellaria parvula</i>)	3
__ sleepy catchfly (<i>Silene antirrhina</i>)	3
__ smooth catchfly (<i>Silene csereii</i>)*	3
__ white campion (<i>Silene latifolia</i>)*	3
__ field blue-eyed grass (<i>Sisyrinchium campestre</i>)	3
__ Canada goldenrod (<i>Solidago canadensis</i>)	3
__ zigzag goldenrod (<i>Solidago flexicaulis</i>)	3
__ giant goldenrod (<i>Solidago gigantea</i>)	3
__ Missouri goldenrod (<i>Solidago missouriensis</i>)	3
__ gray goldenrod (<i>Solidago nemoralis</i>)	3
__ stiff goldenrod (<i>Solidago rigida</i>)	3
__ showy goldenrod (<i>Solidago speciosa</i>)	3
__ trailing pea (<i>Strophostyles leiosperma</i>)	1
__ heath aster (<i>Symphyotrichum ericoides</i>)	3
__ smooth blue aster (<i>Symphyotrichum laeve</i>)	3
__ New England aster (<i>Symphyotrichum novae-angliae</i>)	3
__ skyblue aster (<i>Symphyotrichum oolentangiense</i>)	3
__ silky aster (<i>Symphyotrichum sericeum</i>)	2
__ kitten-tails (<i>Synthyris bullii</i>) ^{THR}	3
__ common dandelion (<i>Taraxacum officinale</i>)*	3
__ germander (<i>Teucrium canadense</i>)	3
__ early meadow-rue (<i>Thalictrum dioicum</i>)	3
__ rue anemone (<i>Thalictrum thalictroides</i>)	3
__ western spiderwort (<i>Tradescantia occidentalis</i>)	3
__ yellow goat's beard (<i>Tragopogon dubius</i>)*	3
__ rabbit's foot clover (<i>Trifolium arvense</i>)*	3
__ alsike clover (<i>Trifolium hybridum</i>)*	3
__ red clover (<i>Trifolium pratense</i>)*	3
__ hybrid cattail (<i>Typha x glauca</i>)*	3
__ stinging nettle (<i>Urtica dioica</i>)	3
__ pale bellwort (<i>Uvularia sessilifolia</i>)	3
__ common mullein (<i>Verbascum thapsus</i>)*	3
__ hoary vervain (<i>Verbena stricta</i>)	3

Species	Confidence
__ tufted vetch (<i>Vicia cracca</i>)*	3
__ hairy vetch (<i>Vicia villosa</i>)*	3
__ Canadian white violet (<i>Viola canadensis</i>)	3
__ marsh blue violet (<i>Viola cucullata</i>)	3
__ beardless birdfoot violet (<i>Viola pedata</i>)	2
__ bearded birdfoot violet (<i>Viola pedatifida</i>)	2
__ common blue violet (<i>Viola sororia</i>)	3

GRAMINOIDS

__ big bluestem (<i>Andropogon gerardii</i>)	3
__ base-branched three-awn (<i>Aristida basiramea</i>)	3
__ side-oats grama (<i>Bouteloua curtipendula</i>)	3
__ hairy grama (<i>Bouteloua hirsuta</i>)	3
__ smooth brome (<i>Bromus inermis</i>)*	3
__ prairie sandreed (<i>Calamovilfa longifolia</i>)	3
__ charming sedge (<i>Carex blanda</i>)	3
__ plains oval sedge (<i>Carex brevior</i>)	3
__ sun-loving sedge (<i>Carex inops</i>)	1
__ Muhlenberg's sedge (<i>Carex muehlenbergii</i>)	1
__ Pennsylvania sedge (<i>Carex pensylvanica</i>)	3
__ eastern star sedge (<i>Carex radiata</i>)	3
__ Rocky Mountain sedge (<i>Carex saximontana</i>)	1
__ pointed broom sedge (<i>Carex scoparia</i>)	3
__ dry spike sedge (<i>Carex siccata</i>)	1
__ Sprengel's sedge (<i>Carex sprengelii</i>)	3
__ sandbur (<i>Cenchrus longispinus</i>)	3
__ slender nut sedge (<i>Cyperus lupulinus</i>)	1
__ Schweinitz's nut sedge (<i>Cyperus schweinitzii</i>)	1
__ linear-leaved panic grass (<i>Dichanthelium linearifolium</i>)	3
__ Scribner's panic grass (<i>Dichanthelium oligoanthes</i>)	3
__ long-stalked panic grass (<i>Dichanthelium perlongum</i>)	3
__ fall witch grass (<i>Digitaria cognata</i>)	3
__ Canada wildrye (<i>Elymus canadensis</i>)	3
__ quackgrass (<i>Elymus repens</i>)*	3
__ purple lovegrass (<i>Eragrostis spectabilis</i>)	3
__ porcupine grass (<i>Hesperostipa spartea</i>)	3

Species	Confidence
__ junegrass (<i>Koeleria macrantha</i>)	3
__ mountain ricegrass (<i>Oryzopsis asperifolia</i>)	3
__ switchgrass (<i>Panicum virgatum</i>)	3
__ Canada bluegrass (<i>Poa compressa</i>)*	3
__ Kentucky bluegrass (<i>Poa pratensis</i>)*	3
__ little bluestem (<i>Schizachyrium scoparium</i>)	3
__ soft stem bulrush (<i>Schoenoplectus tabernaemontani</i>)	3
__ Indian grass (<i>Sorghastrum nutans</i>)	3
__ sand dropseed (<i>Sporobolus cryptandrus</i>)	3
__ prairie dropseed (<i>Sporobolus heterolepis</i>)	3

TREES AND SHRUBS

__ box elder (<i>Acer negundo</i>)	3
__ leadplant (<i>Amorpha canescens</i>)	3
__ New Jersey tea (<i>Ceanothus americanus</i>)	1
__ oval-leaved New Jersey tea (<i>Ceanothus herbaceus</i>)	1
__ hackberry (<i>Celtis occidentalis</i>)	3
__ gray dogwood (<i>Cornus racemosa</i>)	3
__ American hazelnut (<i>Corylus americana</i>)	3
__ green ash (<i>Fraxinus pennsylvanica</i>)	3
__ eastern red cedar (<i>Juniperus virginiana</i>)	3
__ tartarian honeysuckle (<i>Lonicera tatarica</i>)*	3
__ pretty honeysuckle (<i>Lonicera x bella</i>)*	3
__ red pine (<i>Pinus resinosa</i>)	3
__ scotch pine (<i>Pinus sylvestris</i>)*	3
__ quaking aspen (<i>Populus tremuloides</i>)	3
__ wild plum (<i>Prunus americana</i>)	3
__ pin cherry (<i>Prunus pensylvanica</i>)	3
__ sand cherry (<i>Prunus pumila</i>)	3
__ black cherry (<i>Prunus serotina</i>)	3
__ eastern chokecherry (<i>Prunus virginiana</i>)	3
__ northern pin oak (<i>Quercus ellipsoidalis</i>)	3
__ bur oak (<i>Quercus macrocarpa</i>)	3
__ common buckthorn (<i>Rhamnus cathartica</i>)*	3
__ smooth sumac (<i>Rhus glabra</i>)	3
__ prickly gooseberry (<i>Ribes cynosbati</i>)	3
__ Missouri gooseberry (<i>Ribes missouriense</i>)	3

Species	Confidence
__ prairie rose (<i>Rosa arkansana</i>)	3
__ smooth wild rose (<i>Rosa blanda</i>)	3
__ black raspberry (<i>Rubus occidentalis</i>)	3
__ prairie willow (<i>Salix humilis</i>)	3
__ wolfberry (<i>Symphoricarpos occidentalis</i>)	3
__ basswood (<i>Tilia americana</i>)	3
__ eastern poison ivy (<i>Toxicodendron radicans</i>)	3
__ western poison ivy (<i>Toxicodendron rydbergii</i>)	3
__ American elm (<i>Ulmus americana</i>)	3
__ Siberian elm (<i>Ulmus pumila</i>)*	3
__ prickly ash (<i>Zanthoxylum americanum</i>)	2

MOSSES

__ Red Roof Moss (<i>Ceratodon purpureus</i>)	3
__ Fragrant Macewort (<i>Mannia fragrans</i>)	3

Species

Confidence

Species

Confidence

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).

Minnesota Scientific and Natural Areas Program
500 Lafayette Road, St. Paul, MN 55155-4025
888-646-6367 or 651-259-5088
sna.dnr@state.mn.us
mndnr.gov/snas

This information can be made available in alternative formats such as large print, braille, or audio tape by emailing info.dnr@state.mn.us or calling 651-296-6157.

Funding for this project was provided by the Minnesota Environment and Natural Resources Trust Fund as recommended by the Legislative-Citizen Commission on Minnesota Resources (LCCMR).

© 2024 Minnesota Department of Natural Resources