

PLANT CHECKLIST

Crystal Spring SNA

MINNESOTA SCIENTIFIC AND NATURAL AREAS



Natural places worth knowing



| Species | Confidence |
|---|------------|
| AQUATICS | |
| __ lesser duckweed (<i>Lemna minor</i>) | 1 |
| CLIMBERS/VINES AND EPIPHYTES | |
| __ American bittersweet (<i>Celastrus scandens</i>) | 3 |
| __ wild honeysuckle (<i>Lonicera dioica</i>) | 3 |
| __ Canada moonseed (<i>Menispermum canadense</i>) | 1 |
| __ woodbine (<i>Parthenocissus vitacea</i>) | 3 |
| __ greenbrier (<i>Smilax tamnoides</i>) | 3 |
| __ wild grape (<i>Vitis riparia</i>) | 1 |
| FERNS AND LYCOPHYTES | |
| __ northern maidenhair (<i>Adiantum pedatum</i>) | 2 |
| __ lady fern (<i>Athyrium filix-femina</i>) | 1 |
| __ interrupted fern (<i>Claytosmunda claytoniana</i>) | 1 |
| __ slender rock-brake (<i>Cryptogramma stelleri</i>) | 1 |
| __ bulblet bladder fern (<i>Cystopteris bulbifera</i>) | 1 |
| __ fragile bladder fern (<i>Cystopteris fragilis</i>) | 1 |
| __ Macay's brittle fern (<i>Cystopteris tenuis</i>) | 1 |
| __ spinulose wood fern (<i>Dryopteris carthusiana</i>) | 1 |
| __ crested wood fern (<i>Dryopteris cristata</i>) | 1 |
| __ evergreen wood fern (<i>Dryopteris intermedia</i>) | 1 |
| __ common scouring rush (<i>Equisetum praealtum</i>) | 1 |
| __ Ferriss' scouring rush (<i>Equisetum x ferrissii</i>) | 1 |
| __ ostrich fern (<i>Matteuccia struthiopteris</i>) | 1 |
| __ sensitive fern (<i>Onoclea sensibilis</i>) | 3 |
| __ smooth cliffbrake (<i>Pellaea glabella</i>) | 1 |
| __ rock polypody (<i>Polypodium virginianum</i>) | 1 |
| __ eastern bracken (<i>Pteridium aquilinum</i>) | 3 |
| __ cutleaf grape-fern (<i>Sceptridium dissectum</i>) | 3 |
| __ blunt-lobed cliff fern (<i>Woodsia obtusa</i>) | 1 |
| FORBS | |
| __ red baneberry (<i>Actaea rubra</i>) | 3 |
| __ white snakeroot (<i>Ageratina altissima</i>) | 3 |
| __ roadside agrimony (<i>Agrimonia striata</i>) | 3 |
| __ garlic mustard (<i>Alliaria petiolata</i>)* | 1 |
| __ wild chives (<i>Allium schoenoprasum</i>) ^{END} | 1 |
| __ common ragweed (<i>Ambrosia artemisiifolia</i>) | 3 |
| __ great ragweed (<i>Ambrosia trifida</i>) | 3 |

| Species | Confidence |
|---|------------|
| __ hog peanut (<i>Amphicarpaea bracteata</i>) | 1 |
| __ sharp-lobed hepatica (<i>Anemone acutiloba</i>) | 3 |
| __ round-lobed hepatica (<i>Anemone americana</i>) | 2 |
| __ wood anemone (<i>Anemone quinquefolia</i>) | 1 |
| __ tall thimbleweed (<i>Anemone virginiana</i>) | 1 |
| __ Parlin's pussytoes (<i>Antennaria parlinii</i>) | 1 |
| __ columbine (<i>Aquilegia canadensis</i>) | 2 |
| __ lyrate rockcress (<i>Arabidopsis lyrata</i>) | 1 |
| __ wild sarsaparilla (<i>Aralia nudicaulis</i>) | 3 |
| __ American spikenard (<i>Aralia racemosa</i>) | 3 |
| __ common burdock (<i>Arctium minus</i>)* | 1 |
| __ Jack-in-the-pulpit (<i>Arisaema triphyllum</i>) | 3 |
| __ wild ginger (<i>Asarum canadense</i>) | 2 |
| __ poke milkweed (<i>Asclepias exaltata</i>) | 1 |
| __ yellow rocket (<i>Barbarea vulgaris</i>)* | 1 |
| __ common marsh marigold (<i>Caltha palustris</i>) | 3 |
| __ tall bellflower (<i>Campanula americana</i>) | 3 |
| __ European bellflower (<i>Campanula rapunculoides</i>)* | 1 |
| __ harebell (<i>Campanula rotundifolia</i>) | 1 |
| __ shepherd's-purse (<i>Capsella bursa-pastoris</i>)* | 3 |
| __ spring cress (<i>Cardamine bulbosa</i>) | 1 |
| __ cut-leaved toothwort (<i>Cardamine concatenata</i>) | 2 |
| __ blue cohosh (<i>Caulophyllum thalictroides</i>) | 1 |
| __ spotted knapweed (<i>Centaurea stoebe</i>)* | 3 |
| __ mouse-ear chickweed (<i>Cerastium fontanum</i>)* | 3 |
| __ maple-leaved goosefoot (<i>Chenopodium simplex</i>) | 1 |
| __ American golden saxifrage (<i>Chrysosplenium americanum</i>) | 3 |
| __ common enchanter's nightshade (<i>Circaea canadensis</i>) | 2 |
| __ bastard toadflax (<i>Comandra umbellata</i>) | 1 |
| __ horseweed (<i>Conyza canadensis</i>) | 3 |
| __ autumn coralroot (<i>Corallorhiza odontorhiza</i>) | 3 |
| __ bird's foot coreopsis (<i>Coreopsis palmata</i>) | 2 |
| __ hoary frostweed (<i>Crocianthemum bicknellii</i>) | 1 |
| __ honewort (<i>Cryptotaenia canadensis</i>) | 1 |
| __ scaldweed (<i>Cuscuta gronovii</i>) | 1 |

| Species | Confidence |
|--|------------|
| __ dutchman's breeches (<i>Dicentra cucullaria</i>) | 2 |
| __ wild yam (<i>Dioscorea villosa</i>) | 2 |
| __ wild cucumber (<i>Echinocystis lobata</i>) | 1 |
| __ American willow herb (<i>Epilobium ciliatum</i>) | 1 |
| __ helleborine (<i>Epipactis helleborine</i>)* | 3 |
| __ pilewort (<i>Erechtites hieraciifolius</i>) | 1 |
| __ annual fleabane (<i>Erigeron annuus</i>) | 3 |
| __ Philadelphia fleabane (<i>Erigeron philadelphicus</i>) | 1 |
| __ poor robin's fleabane (<i>Erigeron pulchellus</i>) | 1 |
| __ yellow monkey flower (<i>Erythranthe geyeri</i>) | 1 |
| __ white trout lily (<i>Erythronium albidum</i>) | 3 |
| __ eastern flowering spurge (<i>Euphorbia corollata</i>) | 1 |
| __ large-leaved aster (<i>Eurybia macrophylla</i>) | 3 |
| __ sweet-scented Joe pye weed (<i>Eutrochium purpureum</i>) | 3 |
| __ black-bindweed (<i>Fallopia convolvulus</i>)* | 1 |
| __ wood strawberry (<i>Fragaria vesca</i>) | 3 |
| __ cleavers (<i>Galium aparine</i>) | 1 |
| __ northern bedstraw (<i>Galium boreale</i>) | 1 |
| __ shining bedstraw (<i>Galium concinnum</i>) | 1 |
| __ three-cleft bedstraw (<i>Galium trifidum</i>) | 3 |
| __ wild geranium (<i>Geranium maculatum</i>) | 1 |
| __ white avens (<i>Geum canadense</i>) | 3 |
| __ downy rattlesnake plantain (<i>Goodyera pubescens</i>) | 3 |
| __ Virginia stickseed (<i>Hackelia virginiana</i>) | 3 |
| __ woodland sunflower (<i>Helianthus strumosus</i>) | 1 |
| __ dame's rocket (<i>Hesperis matronalis</i>)* | 1 |
| __ orange hawkweed (<i>Hieracium aurantiacum</i>)* | 3 |
| __ meadow hawkweed (<i>Hieracium caespitosum</i>)* | 1 |
| __ sticky hawkweed (<i>Hieracium scabrum</i>) | 1 |
| __ Virginia waterleaf (<i>Hydrophyllum virginianum</i>) | 3 |
| __ pointed-leaved tick trefoil (<i>Hylodesmum glutinosum</i>) | 2 |
| __ stemless tick trefoil (<i>Hylodesmum nudiflorum</i>) ^{THR} | 1 |

| Species | Confidence |
|---|------------|
| __ spotted touch-me-not (<i>Impatiens capensis</i>) | 3 |
| __ pale touch-me-not (<i>Impatiens pallida</i>) | 1 |
| __ Canada wild lettuce (<i>Lactuca canadensis</i>) | 3 |
| __ woodnettle (<i>Laportea canadensis</i>) | 3 |
| __ veiny pea (<i>Lathyrus venosus</i>) | 1 |
| __ common motherwort (<i>Leonurus cardiaca</i>)* | 1 |
| __ rough blazing star (<i>Liatris aspera</i>) | 1 |
| __ lily-leaved twayblade (<i>Liparis liliifolia</i>) | 1 |
| __ Indian tobacco (<i>Lobelia inflata</i>) | 1 |
| __ fringed loosestrife (<i>Lysimachia ciliata</i>) | 1 |
| __ Canada mayflower (<i>Maianthemum canadense</i>) | 2 |
| __ common false Solomon's seal (<i>Maianthemum racemosum</i>) | 3 |
| __ starry false Solomon's seal (<i>Maianthemum stellatum</i>) | 1 |
| __ alfalfa (<i>Medicago sativa</i>)* | 3 |
| __ white sweet clover (<i>Melilotus albus</i>)* | 3 |
| __ partridgeberry (<i>Mitchella repens</i>) | 3 |
| __ two-leaved miterwort (<i>Mitella diphylla</i>) | 3 |
| __ wild bergamot (<i>Monarda fistulosa</i>) | 1 |
| __ giant chickweed (<i>Myosoton aquaticum</i>)* | 3 |
| __ Clayton's sweet cicely (<i>Osmorhiza claytonii</i>) | 3 |
| __ southern wood-sorrel (<i>Oxalis dillenii</i>) | 1 |
| __ yellow wood-sorrel (<i>Oxalis stricta</i>) | 3 |
| __ pellitory (<i>Parietaria pensylvanica</i>) | 1 |
| __ lady's thumb (<i>Persicaria maculosa</i>)* | 1 |
| __ Virginia knotweed (<i>Persicaria virginiana</i>) | 3 |
| __ blue phlox (<i>Phlox divaricata</i>) | 3 |
| __ lopseed (<i>Phryma leptostachya</i>) | 2 |
| __ dwarf clearweed (<i>Pilea pumila</i>) | 1 |
| __ Rugel's plantain (<i>Plantago rugelii</i>) | 1 |
| __ giant Solomon's seal (<i>Polygonatum biflorum</i>) | 1 |
| __ hairy Solomon's seal (<i>Polygonatum pubescens</i>) | 3 |
| __ oldfield cinquefoil (<i>Potentilla simplex</i>) | 3 |
| __ white rattlesnakeroot (<i>Prenanthes alba</i>) | 3 |
| __ heal-all (<i>Prunella vulgaris</i>)* | 3 |
| __ elliptic shinleaf (<i>Pyrola elliptica</i>) | 3 |

| Species | Confidence |
|---|------------|
| __ kidney-leaved buttercup (<i>Ranunculus abortivus</i>) | 3 |
| __ hooked crowfoot (<i>Ranunculus recurvatus</i>) | 1 |
| __ gray-headed coneflower (<i>Ratibida pinnata</i>) | 1 |
| __ black-eyed susan (<i>Rudbeckia hirta</i>) | 1 |
| __ tall coneflower (<i>Rudbeckia laciniata</i>) | 1 |
| __ common sheep sorrel (<i>Rumex acetosella</i>)* | 1 |
| __ bloodroot (<i>Sanguinaria canadensis</i>) | 1 |
| __ maryland black snakeroot (<i>Sanicula marilandica</i>) | 3 |
| __ lance-leaved figwort (<i>Scrophularia lanceolata</i>) | 1 |
| __ prairie skullcap (<i>Scutellaria parvula</i>) | 3 |
| __ sleepy catchfly (<i>Silene antirrhina</i>) | 1 |
| __ white campion (<i>Silene latifolia</i>)* | 3 |
| __ bittersweet nightshade (<i>Solanum dulcamara</i>)* | 1 |
| __ late goldenrod (<i>Solidago altissima</i>) | 3 |
| __ zigzag goldenrod (<i>Solidago flexicaulis</i>) | 2 |
| __ giant goldenrod (<i>Solidago gigantea</i>) | 3 |
| __ gray goldenrod (<i>Solidago nemoralis</i>) | 1 |
| __ showy goldenrod (<i>Solidago speciosa</i>) | 1 |
| __ smooth hedge nettle (<i>Stachys hispida</i>) | 3 |
| __ common chickweed (<i>Stellaria media</i>)* | 1 |
| __ Lindley's aster (<i>Symphotrichum ciliolatum</i>) | 1 |
| __ eastern paniced aster (<i>Symphotrichum lanceolatum</i>) | 1 |
| __ side-flowering aster (<i>Symphotrichum lateriflorum</i>) | 1 |
| __ Ontario aster (<i>Symphotrichum ontarionis</i>) | 3 |
| __ skyblue aster (<i>Symphotrichum oolentangiense</i>) | 3 |
| __ awl aster (<i>Symphotrichum pilosum</i>) ^{WL} | 3 |
| __ silky aster (<i>Symphotrichum sericeum</i>) | 3 |
| __ tail-leaved aster (<i>Symphotrichum urophyllum</i>) | 3 |
| __ skunk cabbage (<i>Symplocarpus foetidus</i>) | 3 |
| __ red-seeded dandelion (<i>Taraxacum erythrospermum</i>)* | 1 |
| __ common dandelion (<i>Taraxacum officinale</i>)* | 3 |
| __ tall meadow-rue (<i>Thalictrum dasycarpum</i>) | 3 |

| Species | Confidence |
|---|------------|
| __ early meadow-rue (<i>Thalictrum dioicum</i>) | 3 |
| __ rue anemone (<i>Thalictrum thalictroides</i>) | 1 |
| __ starflower (<i>Trientalis borealis</i>) | 1 |
| __ red clover (<i>Trifolium pratense</i>)* | 3 |
| __ white clover (<i>Trifolium repens</i>)* | 3 |
| __ drooping trillium (<i>Trillium flexipes</i>) | 1 |
| __ late horse gentian (<i>Triosteum perfoliatum</i>) | 3 |
| __ stinging nettle (<i>Urtica dioica</i>) | 1 |
| __ large-flowered bellwort (<i>Uvularia grandiflora</i>) | 2 |
| __ pale bellwort (<i>Uvularia sessilifolia</i>) | 1 |
| __ common mullein (<i>Verbascum thapsus</i>)* | 3 |
| __ American brooklime (<i>Veronica americana</i>) | 3 |
| __ thyme-leaved speedwell (<i>Veronica serpyllifolia</i>)** | 3 |
| __ Culver's root (<i>Veronicastrum virginicum</i>) | 1 |
| __ dog violet (<i>Viola labradorica</i>) | 1 |
| __ Missouri violet (<i>Viola missouriensis</i>) | 1 |
| __ yellow violet (<i>Viola pubescens</i>) | 1 |
| __ common blue violet (<i>Viola sororia</i>) | 1 |

GRAMINOIDS

| | |
|---|---|
| __ autumn bentgrass (<i>Agrostis perennans</i>) | 1 |
| __ bearded shorthusk (<i>Brachyelytrum erectum</i>) | 1 |
| __ fringed brome (<i>Bromus ciliatus</i>) | 1 |
| __ smooth brome (<i>Bromus inermis</i>)* | 3 |
| __ hairy brome (<i>Bromus pubescens</i>) | 1 |
| __ charming sedge (<i>Carex blanda</i>) | 1 |
| __ plains oval sedge (<i>Carex brevior</i>) | 1 |
| __ oval-headed sedge (<i>Carex cephalophora</i>) | 1 |
| __ Dewey's sedge (<i>Carex deweyana</i>) | 1 |
| __ ivory sedge (<i>Carex eburnea</i>) | 1 |
| __ graceful sedge (<i>Carex gracillima</i>) | 1 |
| __ ambiguous sedge (<i>Carex grisea</i>) | 1 |
| __ bladder sedge (<i>Carex intumescens</i>) | 3 |
| __ troublesome sedge (<i>Carex molesta</i>) | 1 |
| __ right-angle sedge (<i>Carex normalis</i>) | 1 |
| __ Peck's sedge (<i>Carex peckii</i>) | 3 |
| __ long-stalked sedge (<i>Carex pedunculata</i>) | 1 |

| Species | Confidence |
|--|------------|
| __ Pennsylvania sedge (<i>Carex pensylvanica</i>) | 1 |
| __ eastern star sedge (<i>Carex radiata</i>) | 1 |
| __ starry sedge (<i>Carex rosea</i>) | 3 |
| __ Sprengel's sedge (<i>Carex spengelii</i>) | 1 |
| __ awl-fruited sedge (<i>Carex stipata</i>) | 3 |
| __ quill sedge (<i>Carex tenera</i>) | 3 |
| __ poverty grass (<i>Danthonia spicata</i>) | 1 |
| __ hairy panic grass (<i>Dichanthelium acuminatum</i>) | 1 |
| __ bottlebrush grass (<i>Elymus hystrix</i>) | 1 |
| __ quackgrass (<i>Elymus repens</i>)* | 3 |
| __ downy wild rye (<i>Elymus villosus</i>) | 1 |
| __ Virginia wildrye (<i>Elymus virginicus</i>) | 1 |
| __ mountain fescue (<i>Festuca saximontana</i>) | 3 |
| __ nodding fescue (<i>Festuca subverticillata</i>) | 1 |
| __ fowl manna grass (<i>Glyceria striata</i>) | 1 |
| __ path rush (<i>Juncus tenuis</i>) | 1 |
| __ rice cut grass (<i>Leersia oryzoides</i>) | 3 |
| __ white grass (<i>Leersia virginica</i>) | 3 |
| __ mountain ricegrass (<i>Oryzopsis asperifolia</i>) | 1 |
| __ reed canary grass (<i>Phalaris arundinacea</i>)* | 1 |
| __ timothy (<i>Phleum pratense</i>)* | 3 |
| __ black-fruited rice grass (<i>Piptatherum racemosum</i>) | 1 |
| __ Canada bluegrass (<i>Poa compressa</i>)* | 3 |
| __ Kentucky bluegrass (<i>Poa pratensis</i>)* | 3 |
| __ false melic grass (<i>Schizachne purpurascens</i>) | 1 |
| __ little bluestem (<i>Schizachyrium scoparium</i>) | 1 |
| __ yellow foxtail (<i>Setaria pumila</i>)* | 3 |
| __ slender wedge grass (<i>Sphenopholis intermedia</i>) | 1 |

TREES AND SHRUBS

| | |
|---|---|
| __ amur maple (<i>Acer ginnala</i>)* | 3 |
| __ box elder (<i>Acer negundo</i>) | 1 |
| __ red maple (<i>Acer rubrum</i>) | 1 |
| __ sugar maple (<i>Acer saccharum</i>) | 1 |
| __ leadplant (<i>Amorpha canescens</i>) | 1 |
| __ yellow birch (<i>Betula alleghaniensis</i>) | 3 |
| __ blue beech (<i>Carpinus caroliniana</i>) | 1 |
| __ bitternut hickory (<i>Carya cordiformis</i>) | 1 |

| Species | Confidence |
|--|------------|
| __ pagoda dogwood (<i>Cornus alternifolia</i>) | 3 |
| __ gray dogwood (<i>Cornus racemosa</i>) | 3 |
| __ round-leaved dogwood (<i>Cornus rugosa</i>) | 1 |
| __ beaked hazelnut (<i>Corylus cornuta</i>) | 3 |
| __ bush honeysuckle (<i>Diervilla lonicera</i>) | 3 |
| __ winged burning bush (<i>Euonymus alatus</i>)* | 1 |
| __ glossy buckthorn (<i>Frangula alnus</i>)* | 3 |
| __ black ash (<i>Fraxinus nigra</i>) | 3 |
| __ green ash (<i>Fraxinus pennsylvanica</i>) | 3 |
| __ butternut (<i>Juglans cinerea</i>) ^{END} | 1 |
| __ bush juniper (<i>Juniperus communis</i>) | 1 |
| __ Morrow's honeysuckle (<i>Lonicera morrowii</i>)* | 3 |
| __ ironwood (<i>Ostrya virginiana</i>) | 1 |
| __ white pine (<i>Pinus strobus</i>) | 1 |
| __ cottonwood (<i>Populus deltoides</i>) | 1 |
| __ wild plum (<i>Prunus americana</i>) | 3 |
| __ black cherry (<i>Prunus serotina</i>) | 1 |
| __ chokecherry (<i>Prunus virginiana</i>) | 1 |
| __ white oak (<i>Quercus alba</i>) | 1 |
| __ northern red oak (<i>Quercus rubra</i>) | 1 |
| __ common buckthorn (<i>Rhamnus cathartica</i>)* | 1 |
| __ smooth sumac (<i>Rhus glabra</i>) | 3 |
| __ prickly gooseberry (<i>Ribes cynosbati</i>) | 3 |
| __ Allegheny blackberry (<i>Rubus allegheniensis</i>) | 1 |
| __ black raspberry (<i>Rubus occidentalis</i>) | 1 |
| __ red-berried elder (<i>Sambucus racemosa</i>) | 3 |
| __ Siberian squill (<i>Scilla siberica</i>)* | 3 |
| __ bladdernut (<i>Staphylea trifolia</i>) | 1 |
| __ basswood (<i>Tilia americana</i>) | 1 |
| __ eastern poison ivy (<i>Toxicodendron radicans</i>) | 3 |
| __ western poison ivy (<i>Toxicodendron rydbergii</i>) | 3 |
| __ lowbush blueberry (<i>Vaccinium angustifolium</i>) | 1 |
| __ nannyberry (<i>Viburnum lentago</i>) | 3 |
| __ downy arrowwood (<i>Viburnum rafinesquianum</i>) | 1 |
| __ prickly ash (<i>Zanthoxylum americanum</i>) | 3 |

MOSSES

| | |
|--|---|
| __ Green-tongue Liverwort (<i>Marchantia polymorpha</i>) | 1 |
|--|---|

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).

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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.

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