

PLANT CHECKLIST

Greenwater Lake SNA

MINNESOTA SCIENTIFIC AND NATURAL AREAS



Natural places worth knowing



Species	Confidence	Species	Confidence
AQUATICS		__ spreading dogbane (<i>Apocynum androsaemifolium</i>)	2
__ common coontail (<i>Ceratophyllum demersum</i>)	2	__ columbine (<i>Aquilegia canadensis</i>)	1
__ turion duckweed (<i>Lemna turionifera</i>)	2	__ wild sarsaparilla (<i>Aralia nudicaulis</i>)	2
__ northern water milfoil (<i>Myriophyllum sibiricum</i>)	2	__ American spikenard (<i>Aralia racemosa</i>)	2
__ flexuous naiad (<i>Najas flexilis</i>)	2	__ absinthe wormwood (<i>Artemisia absinthium</i>)*	3
__ American white waterlily (<i>Nymphaea odorata</i>)	2	__ swamp milkweed (<i>Asclepias incarnata</i>)	2
__ water smartweed (<i>Persicaria amphibia</i>)	2	__ Cooper's milk-vetch (<i>Astragalus neglectus</i>)	1
__ leafy pondweed (<i>Potamogeton foliosus</i>)	2	__ common marsh marigold (<i>Caltha palustris</i>)	1
__ Illinois pondweed (<i>Potamogeton illinoensis</i>)	2	__ marsh bellflower (<i>Campanula aparinoides</i>)	2
__ floating pondweed (<i>Potamogeton natans</i>)	1	__ Indian paintbrush (<i>Castilleja coccinea</i>)	1
__ straight-leaved pondweed (<i>Potamogeton strictifolius</i>)	2	__ spotted knapweed (<i>Centaurea stoebe</i>)*	3
__ flat-stemmed pondweed (<i>Potamogeton zosteriformis</i>)	2	__ fireweed (<i>Chamaenerion angustifolium</i>)	3
__ sago pondweed (<i>Stuckenia pectinata</i>)	1	__ bulb-bearing water hemlock (<i>Cicuta bulbifera</i>)	2
CLIMBERS/VINES AND EPIPHYTES		__ Canada thistle (<i>Cirsium arvense</i>)*	2
__ woodbine (<i>Parthenocissus vitacea</i>)	2	__ swamp thistle (<i>Cirsium muticum</i>)	2
__ wild grape (<i>Vitis riparia</i>)	1	__ bluebead lily (<i>Clintonia borealis</i>)	2
FERNS AND LYCOPHYTES		__ bastard toadflax (<i>Comandra umbellata</i>)	1
__ northern lady fern (<i>Athyrium filix-femina</i>)	1	__ early coralroot (<i>Corallorhiza trifida</i>)	2
__ rattlesnake fern (<i>Botrypus virginianus</i>)	1	__ flat-topped aster (<i>Doellingeria umbellata</i>)	3
__ crested wood fern (<i>Dryopteris cristata</i>)	1	__ yellow monkey flower (<i>Erythranthe geyeri</i>)	1
__ field horsetail (<i>Equisetum arvense</i>)	1	__ common boneset (<i>Eupatorium perfoliatum</i>)	2
__ water horsetail (<i>Equisetum fluviatile</i>)	2	__ large-leaved aster (<i>Eurybia macrophylla</i>)	2
__ meadow horsetail (<i>Equisetum pratense</i>)	2	__ spotted Joe pye weed (<i>Eutrochium maculatum</i>)	2
__ woodland horsetail (<i>Equisetum sylvaticum</i>)	3	__ common strawberry (<i>Fragaria virginiana</i>)	1
__ ostrich fern (<i>Matteuccia struthiopteris</i>)	1	__ rough bedstraw (<i>Galium asprellum</i>)	1
__ eastern bracken (<i>Pteridium aquilinum</i>)	1	__ northern bedstraw (<i>Galium boreale</i>)	1
__ eastern marsh fern (<i>Thelypteris palustris</i>)	2	__ labrador bedstraw (<i>Galium labradoricum</i>)	2
FORBS		__ obtuse bedstraw (<i>Galium obtusum</i>)	1
__ blue giant hyssop (<i>Agastache foeniculum</i>)	1	__ sweet-scented bedstraw (<i>Galium triflorum</i>)	2
__ roadside agrimony (<i>Agrimonia striata</i>)	1	__ yellow avens (<i>Geum aleppicum</i>)	1
__ pearly everlasting (<i>Anaphalis margaritacea</i>)	3	__ purple avens (<i>Geum rivale</i>)	1
__ round-lobed hepatica (<i>Anemone americana</i>)	1	__ woodland sunflower (<i>Helianthus strumosus</i>)	3
__ canada anemone (<i>Anemone canadensis</i>)	1	__ spotted touch-me-not (<i>Impatiens capensis</i>)	2
__ wood anemone (<i>Anemone quinquefolia</i>)	1	__ pale vetchling (<i>Lathyrus ochroleucus</i>)	2
__ field pussytoes (<i>Antennaria neglecta</i>)	3	__ marsh vetchling (<i>Lathyrus palustris</i>)	2
		__ wood lily (<i>Lilium philadelphicum</i>)	1
		__ cut-leaved bugleweed (<i>Lycopus americanus</i>)	1
		__ rough bugleweed (<i>Lycopus asper</i>)	2

Species	Confidence
__ northern bugleweed (<i>Lycopus uniflorus</i>)	2
__ Canada mayflower (<i>Maianthemum canadense</i>)	1
__ common false Solomon's seal (<i>Maianthemum racemosum</i>)	2
__ starry false Solomon's seal (<i>Maianthemum stellatum</i>)	1
__ naked miterwort (<i>Mitella nuda</i>)	1
__ wild bergamot (<i>Monarda fistulosa</i>)	1
__ one-sided pyrola (<i>Orthilia secunda</i>)	2
__ Clayton's sweet cicely (<i>Osmorhiza claytonii</i>)	2
__ southern wood-sorrel (<i>Oxalis dillenii</i>)	1
__ marsh grass-of-parnassus (<i>Parnassia palustris</i>)	1
__ wood betony (<i>Pedicularis canadensis</i>)	1
__ nodding smartweed (<i>Persicaria lapathifolia</i>)	1
__ sweet coltsfoot (<i>Petasites frigidus</i>)	3
__ lopseed (<i>Phryma leptostachya</i>)	1
__ giant Solomon's seal (<i>Polygonatum biflorum</i>)	1
__ hairy Solomon's seal (<i>Polygonatum pubescens</i>)	2
__ silvery cinquefoil (<i>Potentilla argentea</i>)*	1
__ rough cinquefoil (<i>Potentilla norvegica</i>)	1
__ Bog wintergreen (<i>Pyrola asarifolia</i>)	2
__ large yellow water crowfoot (<i>Ranunculus flabellaris</i>)	1
__ dwarf raspberry (<i>Rubus pubescens</i>)	2
__ broad-leaved arrowhead (<i>Sagittaria latifolia</i>)	2
__ maryland black snakeroot (<i>Sanicula marilandica</i>)	2
__ marsh skullcap (<i>Scutellaria galericulata</i>)	1
__ common carrion flower (<i>Smilax lasioneura</i>)	1
__ black nightshade (<i>Solanum emulans</i>)	1
__ Canada goldenrod (<i>Solidago canadensis</i>)	3
__ zigzag goldenrod (<i>Solidago flexicaulis</i>)	2
__ giant goldenrod (<i>Solidago gigantea</i>)	2
__ early goldenrod (<i>Solidago juncea</i>)	3
__ Riddell's goldenrod (<i>Solidago riddellii</i>)	2
__ narrowleaf bur-reed (<i>Sparganium emersum</i>)	2
__ woundwort (<i>Stachys palustris</i>)	1

Species	Confidence
__ rose twistedstalk (<i>Streptopus lanceolatus</i>)	2
__ bog aster (<i>Symphyotrichum boreale</i>)	2
__ glossy-leaf aster (<i>Symphyotrichum firmum</i>)	2
__ tansy (<i>Tanacetum vulgare</i>)*	3
__ early meadow-rue (<i>Thalictrum dioicum</i>)	1
__ starflower (<i>Trientalis borealis</i>)	2
__ narrow-leaved cattail (<i>Typha angustifolia</i>)*	3
__ broad-leaved cattail (<i>Typha latifolia</i>)	2
__ stinging nettle (<i>Urtica dioica</i>)	1
__ large-flowered bellwort (<i>Uvularia grandiflora</i>)	2
__ pale bellwort (<i>Uvularia sessilifolia</i>)	2
__ common mullein (<i>Verbascum thapsus</i>)*	1
__ American brooklime (<i>Veronica americana</i>)	1
__ rugulose violet (<i>Viola canadensis</i>)	1
__ dog violet (<i>Viola labradorica</i>)	1
__ northern bog violet (<i>Viola nephrophylla</i>)	1
__ common blue violet (<i>Viola sororia</i>)	1
GRAMINOIDS	
__ redtop (<i>Agrostis gigantea</i>)*	1
__ big bluestem (<i>Andropogon gerardii</i>)	1
__ fringed brome (<i>Bromus ciliatus</i>)	1
__ smooth brome (<i>Bromus inermis</i>)*	1
__ slimstem reedgrass (<i>Calamagrostis stricta</i>)	1
__ aquatic sedge (<i>Carex aquatilis</i>)	2
__ slough sedge (<i>Carex atherodes</i>)	3
__ Buxbaum's sedge (<i>Carex buxbaumii</i>)	2
__ cryptic sedge (<i>Carex cryptolepis</i>)	2
__ graceful sedge (<i>Carex gracillima</i>)	3
__ interior sedge (<i>Carex interior</i>)	2
__ bladder sedge (<i>Carex intumescens</i>)	3
__ lake sedge (<i>Carex lacustris</i>)	2
__ fen wiregrass sedge (<i>Carex lasiocarpa</i>)	2
__ Pennsylvania sedge (<i>Carex pennsylvanica</i>)	1
__ prairie sedge (<i>Carex prairea</i>)	2
__ beaked sedge (<i>Carex utriculata</i>)	2
__ elliptic spikerush (<i>Eleocharis elliptica</i>)	2
__ bottlebrush grass (<i>Elymus hystrix</i>)	1

Species	Confidence
__ quackgrass (<i>Elymus repens</i>)*	1
__ slender wheatgrass (<i>Elymus trachycaulus</i>)	1
__ stink grass (<i>Eragrostis cilianensis</i>)*	1
__ tall cottongrass (<i>Eriophorum angustifolium</i>)	2
__ tall manna grass (<i>Glyceria grandis</i>)	1
__ fowl manna grass (<i>Glyceria striata</i>)	1
__ knotty rush (<i>Juncus nodosus</i>)	2
__ pointed woodrush (<i>Luzula acuminata</i>)	3
__ many-flowered woodrush (<i>Luzula multiflora</i>)	3
__ mountain ricegrass (<i>Oryzopsis asperifolia</i>)	1
__ witch grass (<i>Panicum capillare</i>)	1
__ reed canary grass (<i>Phalaris arundinacea</i>)*	1
__ timothy (<i>Phleum pratense</i>)*	1
__ common reedgrass (<i>Phragmites australis</i>)	2
__ Canada bluegrass (<i>Poa compressa</i>)*	1
__ false melic grass (<i>Schizachne purpurascens</i>)	2
__ hardstem bulrush (<i>Schoenoplectus acutus</i>)	2
__ soft stem bulrush (<i>Schoenoplectus tabernaemontani</i>)	2
__ green foxtail (<i>Setaria viridis</i>)*	1
TREES AND SHRUBS	
__ balsam fir (<i>Abies balsamea</i>)	2
__ red maple (<i>Acer rubrum</i>)	1
__ sugar maple (<i>Acer saccharum</i>)	1
__ mountain maple (<i>Acer spicatum</i>)	2
__ round-leaved juneberry (<i>Amelanchier sanguinea</i>)	1
__ bearberry (<i>Arctostaphylos uva-ursi</i>)	1
__ paper birch (<i>Betula papyrifera</i>)	2
__ pagoda dogwood (<i>Cornus alternifolia</i>)	2
__ beaked hazelnut (<i>Corylus cornuta</i>)	2
__ fireberry hawthorn (<i>Crataegus chrysocarpa</i>)	1
__ bush honeysuckle (<i>Diervilla lonicera</i>)	2
__ leatherwood (<i>Dirca palustris</i>)	1
__ black ash (<i>Fraxinus nigra</i>)	1
__ green ash (<i>Fraxinus pennsylvanica</i>)	1
__ tamarack (<i>Larix laricina</i>)	1
__ fly honeysuckle (<i>Lonicera canadensis</i>)	3

Species	Confidence
__ hairy honeysuckle (<i>Lonicera hirsuta</i>)	2
__ ironwood (<i>Ostrya virginiana</i>)	2
__ white spruce (<i>Picea glauca</i>)	2
__ black spruce (<i>Picea mariana</i>)	3
__ jack pine (<i>Pinus banksiana</i>)	1
__ red pine (<i>Pinus resinosa</i>)	1
__ white pine (<i>Pinus strobus</i>)	1
__ balsam poplar (<i>Populus balsamifera</i>)	1
__ big-toothed aspen (<i>Populus grandidentata</i>)	1
__ quaking aspen (<i>Populus tremuloides</i>)	1
__ black cherry (<i>Prunus serotina</i>)	1
__ chokecherry (<i>Prunus virginiana</i>)	2
__ northern pin oak (<i>Quercus ellipsoidalis</i>)	1
__ bur oak (<i>Quercus macrocarpa</i>)	1
__ northern red oak (<i>Quercus rubra</i>)	1
__ alderleaf buckthorn (<i>Rhamnus alnifolia</i>)	1
__ wild black currant (<i>Ribes americanum</i>)	1
__ prickly gooseberry (<i>Ribes cynosbati</i>)	1
__ swamp gooseberry (<i>Ribes hirtellum</i>)	1
__ prickly rose (<i>Rosa acicularis</i>)	2
__ smooth wild rose (<i>Rosa blanda</i>)	1
__ Bebb's willow (<i>Salix bebbiana</i>)	1
__ sage-leaved willow (<i>Salix candida</i>)	1
__ pussy willow (<i>Salix discolor</i>)	1
__ prairie willow (<i>Salix humilis</i>)	1
__ slender willow (<i>Salix petiolaris</i>)	1
__ snowberry (<i>Symphoricarpos albus</i>)	2
__ common lilac (<i>Syringa vulgaris</i>)*	1
__ basswood (<i>Tilia americana</i>)	1
__ western poison ivy (<i>Toxicodendron rydbergii</i>)	2
__ American elm (<i>Ulmus americana</i>)	1
__ lowbush blueberry (<i>Vaccinium angustifolium</i>)	2
__ downy arrowwood (<i>Viburnum rafinesquianum</i>)	2

Species	Confidence
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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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