

Annotated Checklist of the Flora of Minnesota, version 2008.2
Anita F. Cholewa, copyright March 2008

The following is a comprehensive, annotated list of the vascular plants known to occur naturally (i.e., natives, naturalized, and adventives) in Minnesota. Pteridophytes (ferns and allies) are listed first, followed by gymnosperms then angiosperms.

Information on poisonous plants are based on Martinson et al. 2007, "Plants poisonous or Harmful to Horses in the North Central United States"; Foster & Duke, 1990, "A Field Guide to Medicinal Plants"; Kingsbury, 1964, "Poisonous Plants of the United States and Canada"; www.ansci.cornell.edu/plants/index.html; www.vet.purdue.edu/depts/addl/toxic/bytox1.htm and other sources.

Additional links:

Technical key to Minnesota grasses - <http://www.bellmuseum.org/plants/grasses/index.htm>

Interactive key to Minnesota woody plants - <http://geo.cbs.umn.edu/treekey/navikey.html>

Noxious weeds (information) - <http://www.mda.state.mn.us/pestsweeds.htm>

Minnesota's rare plants (information) - <http://www.dnr.state.mn.us/ets/index.html>

For comprehensive photo links try these sites:

[Dakota wildflowers](#) or: [Southwestern Ontario wildflowers](#) or: [Univ. of Wisconsin photo gallery](#) or: [Texas A&M University photo gallery](#)

Jump to [click one]: [Gymnosperms](#) or [Angiosperms](#)

Pteridophytes

Family classification is still undergoing much rearrangement and has not yet stabilized.
Species (fide FNA 1993, vol. 2) are listed alphabetically, without families.

Adiantum pedatum L. / northern maidenhair fern

Asplenium platyneuron (L.) Britton, Sterns & Poggenb. / ebony spleenwort
state Special Concern list

Asplenium rhizophyllum L. / walking fern

Asplenium trichomanes L. var. *trichomanes* / maidenhair spleenwort
state Threatened list

[*Athyrium angustum* (Willd.) C. Presl see *A. filix-femina* var. *angustum*]

Athyrium filix-femina (L.) Roth ex Mert. var. *angustum* (Willd.) G. Lawson / northern lady fern; subarctic lady fern

[*Athyrium pycnocarpon* (Spreng.) Tidestr. see *Diplazium pycnocarpon*]

[*Athyrium thelypteroides* (Michx.) Desv. see *Deparia acrostichoides*]

Azolla caroliniana Willd. / Carolina azolla; Carolina mosquito fern
reported for Minnesota by FNA but no specimens at MIN; widespread in eastern U.S. and more cold tolerant than *A. mexicana*, from which it differs in megaspore traits; unfortunately sporocarps are rarely collected but necessary for identification

Azolla mexicana C. Presl / Mexican azolla; Mexican mosquito fern
some of our specimens probably *A. caroliniana* (see above comments)

Botrychium acuminatum W.H. Wagner / pointed moonwort; tailed grape fern
restricted to Lake Superior region; known only from Cook Co. (last collected 1999)

Botrychium ascendens W.H. Wagner / upswept moonwort
reported from Crow Wing Co. by MN DNR but specimen not yet deposited; disjunct from western montane region and Hudson Bay

Botrychium campestre W.H. Wagner & Farrar / prairie moonwort; Iowa moonwort
state Special Concern list

Botrychium dissectum Spreng. / cut-leaf grape fern; dissected grape fern

Botrychium gallicomontanum Farrar & Johnson-Groh / Frenchman's Bluff moonwort
state Endangered list; endemic to Minnesota

[*Botrychium hesperium* (Maxon & R.T. Clausen) W.H. Wagner & Lellinger – one specimen
previously identified by W.H. Wagner, as possibly this species, was later annotated as
coming from a population of *B. matricariifolium*. *B. hesperium* is not reported for Minnesota
but is known from Thunder Bay area of Ontario and UP Michigan]

Botrychium lanceolatum (S.G. Gmel.) Ångstr. subsp. *angustisegmentum* (Pease & A.H. Moore)
R.T. Clausen / narrow-triangle moonwort; lance-leaf moonwort
state Threatened list

Botrychium lunaria (L.) Sw. / common moonwort
state Threatened list

Botrychium matricariifolium (Döll) A. Braun ex W.D.J. Koch / daisy-leaf moonwort; matricary grape fern

[*Botrychium michiganense* – an unpublished name used by the MN DNR for populations
that may be forms of *B. hesperium* or some as yet undescribed species]

Botrychium minganense Vict. / Mingan moonwort
state Special Concern list

Botrychium mormo W.H. Wagner / little goblin moonwort; little goblin fern
state Special Concern list

Botrychium multifidum (S.G. Gmel.) Rupr. / leathery grape fern

Botrychium oneidense (Gilbert) House / blunt-lobed grape fern
state Endangered list; western limit of distribution

Botrychium pallidum W.H. Wagner / pale moonwort
state Endangered list; mostly limited to upper Great Lakes region

Botrychium pseudopinnatum W.H. Wagner / false northwestern moonwort
range extension from Ontario; known only from St. Louis County (only known specimen at DUL)

Botrychium rugulosum W.H. Wagner / St. Lawrence grape fern; ternate grape fern
state Threatened list; western limit of distribution

Botrychium simplex E. Hitchc. / least moonwort; small goblin fern
state Special Concern list

Botrychium spathulatum W.H. Wagner / spoon-leaf moonwort
range extension from Ontario

Botrychium virginianum (L.) Sw. / rattlesnake fern; common grape fern

[*Camptosorus rhizophyllus* (L.) Link see *Asplenium rhizophyllum*]

Cheilanthes feei T. Moore / slender lip fern

[*Cheilanthes lanosa* (Michx.) D.C. Eaton / hairy lip fern -- state Endangered list; previous reports from
Minnesota were based on misidentified specimen; known from WI ("St. Croix River") south and eastward]

Cryptogramma stelleri (S.G. Gmel.) Prantl / fragile rock brake; cliffbrake

Cystopteris bulbifera (L.) Bernh. / bulblet bladder fern

Cystopteris fragilis (L.) Bernh. / fragile fern; brittle bladder fern

Cystopteris laurentiana (Weath.) Blasdell / St. Lawrence bladder fern; Laurentian bladder fern

Cystopteris protrusa (Wealth.) Blasdell / lowland bladder fern; southern bladder fern

Cystopteris tennesseensis Shaver / Tennessee bladder fern

Cystopteris tenuis (Michx.) Desv. / upland brittle bladder fern; Mackay's brittle fern

Dendrolycopodium has recently been segregated from *Lycopodium* (A. Haines 2003) but this view
is not widely accepted or included in the major plant indices and is not used here

[*Dendrolycopodium dendroideum* (Michx.) A. Haines see *Lycopodium dendroideum*]

[*Dendrolycopodium hickeyi* (W.H. Wagner, Beitel & R.C. Moran) A. Haines see *Lycopodium hickeyi*]

Deparia acrostichoides (Sw.) M. Kato / silver false spleenwort; silvery glade fern

Diphasiastrum complanatum (L.) Holub / northern running-pine; trailing ground-pine

Diphasiastrum digitatum (Dill. ex A. Braun) Holub / southern running-pine; fan ground-pine

Diphasiastrum xhabereri (House) Holub (*D. digitatum* x *tristachyum*) / ground-pine; ground-cedar

Diphasiastrum tristachyum (Pursh) Holub / deep-root ground-pine; blue ground-cedar

Diphasiastrum xzeileri (Rouy) Holub (*D. complanatum* x *tristachyum*) / ground-pine; ground-cedar

Diplazium pycnocarpon (Spreng.) M. Broun / narrow-leaf false spleenwort; glade fern
state Threatened list; northwest limit of distribution

Dryopteris xboottii (Tuck.) Underw. (*D. cristata* x *intermedia*)
disposition uncertain (FNA does not recognize names for hybrids involving *D. cristata*); known only from Winona Co. (last collected 1980)

[*Dryopteris campyloptera* (Kunze) Clarkson – previous reports for Minnesota were based on misidentified specimens]

Dryopteris carthusiana (Vill.) H.P. Fuchs / toothed wood fern; spinulose wood fern

Dryopteris cristata (L.) Gray / crested wood fern

Dryopteris expansa (C. Presl) Fraser-Jenk. & Jermy / spreading wood fern; northern wood fern

Dryopteris fragrans (L.) Schott / fragrant wood fern

Dryopteris goldiana (Hook. ex Goldie) Gray / Goldie's wood fern; Goldie's fern
state Special Concern list

Dryopteris intermedia (Muhl. ex Willd.) Gray / evergreen wood fern; intermediate fern

Dryopteris marginalis (L.) Gray / marginal wood fern; marginal shield fern
state Threatened list; northwest limit of distribution

[*Dryopteris spinulosa* (O.F. Müll.) Watt var. *spinulosa* see *D. carthusiana*]

[*Dryopteris spinulosa* (O.F. Müll.) Watt var. *intermedia* (Muhl. ex Willd.) Underw. see *D. intermedia*]

[*Dryopteris spinulosa* (O.F. Müll.) Watt var. *fructuosa* (Gilbert) Trudell see *D. triploidea*]

Dryopteris xtriploidea Wherry (*D. carthusiana* x *intermedia*) / wood fern

Dryopteris xuliginosa (A. Braun) O. Ktze. ex Druce (*D. carthusiana* x *cristata*) / wood fern
disposition uncertain, an accepted name for the hybrid (fide ITIS) but not included in FNA

Equisetum arvense L. / field horsetail
toxic to livestock, especially horses

Equisetum xferrissii Clute (*E. hyemale* x *laevigatum*) / scouring-rush

Equisetum fluviatile L. / river horsetail; water horsetail

Equisetum hyemale L. subsp. *affine* (Engelm.) A.A. Eaton / common scouring-rush; tall scouring-rush
toxic to livestock, especially horses

[*Equisetum kansanum* J.H. Schaffn. see *E. laevigatum*]

Equisetum laevigatum A. Braun / smooth scouring-rush; smooth horsetail

Equisetum xlitoreale Kühlew. ex Rupr. (*E. arvense* x *fluviatile*) / horsetail

Equisetum xmackaii (Newman) Brichan (*E. hyemale* x *variegatum*) / scouring-rush

Equisetum palustre L. / marsh horsetail
toxic to livestock

Equisetum pratense Ehrh. / meadow horsetail

Equisetum scirpoides Michx. / dwarf scouring-rush

Equisetum sylvaticum L. / woodland horsetail

[*Equisetum xtrachyodon* (A. Braun) W.D.J. Koch see *E. xmackaii*]

Equisetum variegatum Schleich. ex F. Weber & D.Mohr subsp. *variegatum* / variegated scouring-rush

Gymnocarpium xbrittonianum (Sarvela) Pryer & Haufler (*G. disjunctum* x *dryopteris*) / oak fern

Gymnocarpium dryopteris (L.) Newman / common oak fern; western oak fern

Gymnocarpium xintermedium Sarvela (*G. jessoense parvulum* x *dryopteris*) / oak fern

Gymnocarpium jessoense (Koidz.) Koidz. subsp. *parvulum* Sarvela / Nahanni oak fern; Asian oak fern

Gymnocarpium robertianum (Hoffm.) Newman / limestone oak fern; scented oak fern

Huperzia appalachiana Beitel & Mickel / clubmoss; mountain fir-moss
hybridizes frequently with *H. selago* and rarely with *H. lucidula* (one population, collected 2001)

[*Huperzia appressa* A. Löve & D. Löve misapplied to our flora, see *H. appalachiana*]

Huperzia xbartleyi (Cusick) Kartesz & Gandhi (*H. lucidula* x *porophila*; sterile hybrid) / clubmoss; fir-moss
range extension from Great Lakes states; known only from Lake Co., Tettegouche State Park (collected 2001)

Huperzia xbuttersii (Abbe) Kartesz & Gandhi (*H. lucidula* x *selago*) / Butters' clubmoss; fir-moss

[*Huperzia xjosephbeitellii* – an invalid name; refers to hybrids of *H. appalachiana* x *selago*]

Huperzia lucidula (Michx.) Trevis. / shining clubmoss; shining fir-moss

Huperzia porophila (F.E. Lloyd & Underw.) Holub / rock clubmoss; northern fir-moss
state Threatened list; disjunct from IL and IN

[*Huperzia xprotoporophila* – an invalid name; refers to *H. appalachiana* x *lucidula*]

Huperzia selago (L.) Bernh. ex Mart. & Schrank / fir clubmoss; northern fir-moss
Isoetes echinospora Durieu / spiny-spored quillwort; Braun's quillwort
vars. not recognized
[*Isoetes hieroglyphica* A.A. Eaton see *I. lacustris*]
Isoetes lacustris L. / lake quillwort
[*Isoetes macrospora* Durieu see *I. lacustris*]
Isoetes melanopoda J. Gay & Durieu ex Durieu / black-spored quillwort; prairie quillwort
state Endangered list; northern limit of distribution
[*Isoetes tenella* L. misapplied to our flora, see *I. echinospora*]
Lycopodiella inundata (L.) Holub / northern bog clubmoss
Lycopodium annotinum L. / stiff ground-pine; bristly clubmoss
[*Lycopodium xbuttersii* Abbe see *Huperzia xbuttersii*]
Lycopodium clavatum L. / running ground-pine; running clubmoss
plant potentially toxic
[*Lycopodium complanatum* L. see *Diphasiastrum complanatum*]
[*Lycopodium complanatum* L. var. *flabelliforme* Fernald see *Diphasiastrum digitatum*]
[*Lycopodium complanatum* x *tristachyum* see *Diphasiastrum xzeilleri*]
Lycopodium dendroideum Michx. / tree ground-pine; prickly tree clubmoss
[*Lycopodium digitatum* Dill. ex A. Braun see *Diphasiastrum digitatum*]
[*Lycopodium digitatum* x *tristachyum* see *Diphasiastrum xhabereri*]
[*Lycopodium flabelliforme* (Fernald) Blanch. see *Diphasiastrum digitatum*]
[*Lycopodium xhabereri* House see *Diphasiastrum xhabereri*]
Lycopodium hickeyi W.H. Wagner, Beitel & R.C. Moran / Pennsylvania ground-pine; Hickey's tree clubmoss
[*Lycopodium inundatum* L. see *Lycopodiella inundata*]
Lycopodium lagopus (Laest. ex C. Hartm.) G. Zinserl. ex Kuzen. / one-cone clubmoss
[*Lycopodium lucidulum* Michx. see *Huperzia lucidula*]
[*Lycopodium obscurum* L. var. *dendroideum* (Michx.) D.C. Eaton see *L. dendroideum*]
[*Lycopodium obscurum* L. var. *isophyllum* Hickey see *L. hickeyi*]
[*Lycopodium porophyllum* F.E. Lloyd & Underw. see *Huperzia porophila*]
[*Lycopodium selago* L. see *Huperzia selago*]
[*Lycopodium tristachyum* Pursh see *Diphasiastrum tristachyum*]
[*Marsilea mucronata* A. Braun see *M. vestita*]
Marsilea vestita Hook. & Grev. / hairy water-clover
state Endangered list; northeast limit of distribution
Matteuccia struthiopteris (L.) Todaro var. *pennsylvanica* (Willd.) C.V. Morton / ostrich fern
[*Nephrodium lanosum* Michx. see *Cheilanthes lanosa*]
Onoclea sensibilis L. / sensitive fern
Ophioglossum pusillum Raf. / northern adder's-tongue
Osmunda cinnamomea L. / cinnamon fern
Osmunda claytoniana L. / interrupted fern
Osmunda regalis L. var. *spectabilis* (Willd.) Gray / royal fern
Pellaea atropurpurea (L.) Link / purple cliffbrake
state Special Concern list
Pellaea glabella Mett. ex Kuhn subsp. *glabella* / smooth cliffbrake
Phegopteris connectilis (Michx.) Watt / northern beech fern; narrow beech fern
Phegopteris hexagonoptera (Michx.) Fée / southern beech fern; broad beech fern
state Threatened list; northwest limit of distribution
Polypodium virginianum L. / rabbit's-foot fern; rock polypody
Polystichum acrostichoides (Michx.) Schott / christmas fern
state Threatened list; northwest limit of distribution
Polystichum braunii (Spenn.) Fée / Braun's holly fern
state Endangered list
Polystichum lonchitis (L.) Roth / northern holly fern
reported for Minnesota (northeast corner) by FNA but no specimens at MIN; known from Ontario, WI
Pteridium aquilinum (L.) Kuhn var. *latiusculum* (Desv.) Underw. ex A. Heller / bracken fern
state DOA noxious (CN) weed; moderately toxic to livestock

Salvinia molesta Mitchell / kariba weed
 reports from Winona Co. unverified; common aquarium plant native to tropical
 Asia unlikely to be overwintering in Minnesota

Selaginella rupestris (L.) Spring/ rock spike-moss

Selaginella selaginoides (L.) P. Beauv. ex Mart. & Schrank / northern spike-moss; mountain spike-moss
 state Endangered list; known only from Cook Co. (last collected 1998)

Spinulum has recently been segregated from *Lycopodium* (A. Haines 2003) but this view is not
 widely accepted or included in the major plant indices and is not used here

[*Spinulum annotinum* – see *Lycopodium annotinum*]

[*Spinulum canadense* – see *Lycopodium annotinum*]

[*Thelypteris hexagonoptera* (Michx.) Nieuwl. see *Phegopteris hexagonoptera*]

Thelypteris palustris Schott var. *pubescens* (Lawson) Fernald / eastern marsh fern

[*Thelypteris phegopteris* (L.) Sloss. see *Phegopteris connectilis*]

Woodsia xabbeae Butters (*W. ilvensis* x *oregana cathcartiana*; sterile hybrid) / cliff fern

Woodsia alpina (Bolton) Gray / alpine cliff fern; alpine woodsia
 state Special Concern list

[*Woodsia cathcartiana* B.L. Rob. see *W. oregana* subsp. *cathcartiana*]

Woodsia glabella R. Br. ex Richardson / smooth cliff fern; smooth woodsia
 state Threatened list

Woodsia xgracilis (Lawson) Butters (*W. alpina* x *ilvensis*; sterile hybrid) / cliff fern

Woodsia ilvensis (L.) R. Br. / rusty cliff fern; rusty woodsia

Woodsia xmaxonii R.M. Tryon (presumably *W. oregana cathcartiana* x *scopulina laurentiana*) / cliff fern
 known only from Cook Co. (one population, collected 1947)

Woodsia obtusa (Spreng.) Torr. subsp. *obtusa* / blunt-lobe cliff fern

Woodsia oregana D.C. Eaton subsp. *cathcartiana* (B.L. Rob.) Windham / Oregon cliff fern

Woodsia scopulina D.C. Eaton subsp. *laurentiana* Windham / mountain cliff fern; Rocky Mountain woodsia
 state Threatened list

Gymnosperms

Family and species delineation follows FNA [1993, vol. 2]

Cupressaceae

Juniperus communis L. var. *depressa* Pursh / common juniper

Juniperus horizontalis Moench / creeping juniper
 state Special Concern list

Juniperus virginiana L. var. *virginiana* / eastern red-cedar; hante sha (Dakota)

Thuja occidentalis L. / arbor vitae; northern white-cedar
 leaf oil toxic

Pinaceae

Abies balsamea (L.) Mill. / balsam fir
 may cause skin irritation

Abies fraseri (Pursh) Poir. / fraser fir
 native to southeastern US; known only from Kanabec Co. (collected 1999),
 probable escapee from tree farm

Larix decidua P. Mill. / European larch
 native to Eurasia

Larix laricina (Du Roi) K. Koch / tamarack; American larch

Picea abies (L.) H. Karst. / Norway spruce
 native to Europe

Picea glauca (Moench) Voss / white spruce

Picea mariana (Mill.) Britton, Sterns & Poggenb. / black spruce

Picea pungens Engelm. / blue spruce
 native to western US; known only from Lake of the Woods Co. (collected 1981), probable
 escapee from plantation

[*Picea xrosendahlia* – an invalid name, never published]

Pinus banksiana Lamb. / jack pine

Pinus resinosa Aiton / red pine; Norway pine

Pinus rigida P. Mill. / pitch pine

native to eastern US/Canada; known only from Washington Co. (collected 1960),

escapee from plantation

Pinus strobus L. / eastern white pine

Pinus sylvestris L. / Scot's pine

native to Europe

Pseudotsuga menziesii (Mirbel) Franco / douglas-fir

native to Pacific Northwest; known only from Winona Co. (collected 1967),

probable escapee from planting

Tsuga canadensis (L.) Carrière / eastern hemlock

state Special Concern list

Taxaceae

Taxus canadensis Marshall / eastern yew

deadly poisonous to humans, pets, and livestock

Angiosperms

Earlier volumes of FNA follow Cronquist's (1981) "An Integrated System of Classification of Flowering Plants" for family delimitations. Starting 2008, FNA follows families as defined by the [Angiosperm Phylogeny Group](#), Bot. J. Linnean Soc. 141: 399-436, 2003. See their phylogenetic angiosperm classification for a summary of family definitions and affinities.

Jump to (choose one): **ABCDEFGHIJKLMN OPQRSTUVWXYZ**

A

Acanthaceae

Ruellia humilis Nutt. / fringe-leaf wild-petunia

reported for Minnesota (Washington Co., 1974) by MN DNR but no specimens at MIN;

known from IA, MI, WI

Aceraceae see Sapindaceae

Acoraceae [fide FNA 2000, vol.22]

Acorus americanus (Raf.) Raf. / sweetflag

root extract reportedly repels some insect

Acorus calamus L. / calamus

native to Europe

Adoxaceae

Adoxa moschatellina L. / muskroot; moschatel

state Special Concern list

Sambucus canadensis L. var. *canadensis* / American elderberry; black elderberry

plant potentially poisonous but cooked fruits edible

[*Sambucus canadensis* L. var. *acutiloba* – an invalid name, see var. *canadensis*]

[*Sambucus canadensis* L. var. *laciniata* Gray see var. *canadensis*]

[*Sambucus nigra* L. subsp. *canadensis* (L.) R. Bolli see *S. canadensis*]

[*Sambucus pubens* Michx. see *S. racemosa*]

Sambucus racemosa L. / red-berried elder; European red elderberry

Viburnum dentatum L. / southern arrow-wood

native to southeastern US; known only from Lake County (collected 1999), probably planted

Viburnum edule (Michx.) Raf. / squashberry; mooseberry viburnum

Viburnum lentago L. / nannyberry

Viburnum opulus L. / cranberry viburnum
var. *americanum* Aiton / highbush-cranberry; American cranberry viburnum
var. *opulus* / snowball bush; European cranberry viburnum
native to Eurasia
Viburnum rafinesquianum Schult. / downy arrow-wood
var. *affine* (Bush ex C.K. Schneid.) House
var. *rafinesquianum*
[*Viburnum trilobum* Marshall see *V. opulus*]

Aizoaceae see Molluginaceae

Alliaceae [fide FNA 2002, vol.26]

[*Allium burdickii* (Hanes) A.G. Jones see *A. tricoccum* var. *burdickii*]
Allium canadense L. var. *canadense* / meadow garlic; wild onion
Allium cernuum Roth / nodding wild onion
state Threatened list
Allium hollandicum R.M. Fritsch / purple sensation onion; Persian onion
hybrid ornamental; known only from St. Louis Co. (one roadside population, collected 2005)
Allium schoenoprasum L. / wild chives
state Threatened list
vars. not recognized
Allium stellatum Ker-Gawl. / wild onion; autumn onion
Allium textile A. Nels. & J.F. Macbr. / white wild onion
Allium tricoccum Aiton / wild leek; ramp
var. *burdickii* Hanes
var. *tricoccum*

Alismataceae [fide FNA 2000, vol. 22]

Alisma gramineum Lej. / grass-leaf water-plantain; narrow-leaf water-plantain
[*Alisma plantago-aquatica* L. var. *americana* Schult. see *A. triviale*]
[*Alisma plantago-aquatica* L. var. *parviflorum* (Pursh) Torr. see *A. subcordatum*]
Alisma subcordatum Raf. / southern water-plantain; American water-plantain
Alisma triviale Pursh / northern water-plantain
[*Lophotocarpus calycinus* (Engelm.) J.G. Sm. see *Sagittaria montevidensis* subsp. *calycina*]
Sagittaria brevirostra Mack. & Bush / Midwest arrowhead; shortbeak arrowhead
[*Sagittaria calycina* Engelm. see *S. montevidensis* subsp. *calycina*]
Sagittaria cristata Engelm. / crested arrowhead
Sagittaria cuneata E. Sheld. / northern arrowhead; wapato
[*Sagittaria graminea* Michx. var. *cristata* (Engelm.) Bogin see *S. cristata*]
Sagittaria graminea Michx. subsp. *graminea* / grass-leaf arrowhead
reported for Minnesota by FNA but no specimens at MIN; known from Ontario, IA, WI
Sagittaria latifolia Willd. / wapato; broadleaf arrowhead
corms are edible
Sagittaria montevidensis Cham. & Schldl. subsp. *calycina* (Engelm.) Bogin / hooded arrowhead; giant arrowhead
Sagittaria rigida Pursh / sessile-fruit arrowhead

Amaranthaceae [fide FNA 2003, vol. 4]

Amaranthus albus L. / prostrate pigweed; tumbleweed amaranth
native to Eurasia; often confused with *A. blitoides*
Amaranthus blitoides S. Watson / matweed amaranth; creeping amaranth
considered native to the central US by FNA; state DOA noxious (CN) weed, 1st collected 1886,
Winona Co.
[*Amaranthus graecizans* L. misapplied to NA flora, see *A. albus* or *A. blitoides*]
Amaranthus hybridus L. / slim pigweed; green amaranth
native to eastern US; highly variable and often confused with *A. powellii* or *A. retroflexus*
Amaranthus hypochondriacus L. / Prince-of-Wales-feather; prince's-feather

native to southwestern US; adventive near cultivated fields but unlikely to be persisting
Amaranthus powellii S. Watson / Powell's amaranth; tall amaranth
 native to southwestern US; often hybridizes with *A. hybridus*
Amaranthus retroflexus L. var. *retroflexus* / redroot amaranth; rough pigweed
 native to subtropical America; state DOA noxious (CN) weed, 1st collected 1880,
 Wabasha Co.; highly variable and poisonous to livestock
 [*Amaranthus rudis* J.D. Sauer see *A. tuberculatus*]
Amaranthus spinosus L. / spiny amaranth; thorny amaranth
 reported for Minnesota by FNA but no specimens at MIN; native to tropical America
 [*Amaranthus tamariscinus* Nutt. see *A. tuberculatus*]
Amaranthus tuberculatus (Moq.) J.D. Sauer / rough-fruit amaranth; tall water-hemp
Atriplex argentea Nutt. var. *argentea* / silver orach
 to be expected in the far southwestern corner (known from SD), on dry saline soils
Atriplex dioica (Nutt.) J.F. Macbr. / thicket orach
 reported for Minnesota by FNA but no specimens at MIN; known from Manitoba, ND, SD
 [*Atriplex hastata* L. misapplied to our flora, see *A. patula* or *A. prostrata*]
Atriplex hortensis L. / garden orach
 native to Asia; known only from Pipestone Co. (one city population, collected 1925)
Atriplex patula L. / spearscale; spear orach
 native to the Mediterranean region
Atriplex prostrata Bouchér ex DC. / thinleaf orach; fat-hen
 native to Eurasia
Axyris amaranthoides L. / Russian pigweed; upright axyris
 native to Siberia
Beta vulgaris L. subsp. *vulgaris* / sugar beet; swiss chard
 native to Europe; known only from Roseau Co. (one riverside population, collected 1939),
 doubtfully persisting
Chenopodium album L. / lamb's-quarters; common pigweed
 native to Europe; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.
Chenopodium berlandieri Moq. / pitseed goosefoot; pigweed
 var. *bushianum* (Aellen) Cronquist
 var. *zschackei* (Murr) Murr ex Asch.
 [*Chenopodium botrys* L. see *Dysphania botrys*]
 [*Chenopodium bushianum* Aellen see *C. berlandieri* var. *bushianum*]
Chenopodium capitatum (L.) Asch. var. *capitatum* / strawberry-blite; Indian-ink
Chenopodium desiccatum A. Nels. / narrow-leaf goosefoot
 native to western US
 [*Chenopodium gigantospermum* Aellen see *C. simplex*]
Chenopodium glaucum L. / oak-leaf goosefoot
 var. *glaucum*
 var. *salinum* (Standl.) B. Boivin
 [*Chenopodium hybridum* L. see *C. simplex*]
Chenopodium leptophyllum (Moq.) Nutt. ex S. Watson / narrow-leaf goosefoot
 often confused with *C. pratericola*
Chenopodium pratericola Rydb. / desert goosefoot; narrow-leaf goosefoot
Chenopodium rubrum L. / red goosefoot; red pigweed
 var. *humile* (Hook.) S. Watson
 var. *rubrum*
Chenopodium simplex (Torr.) Raf. / maple-leaf goosefoot
Chenopodium standleyanum Aellen / woodland goosefoot; Standley's goosefoot
Chenopodium strictum Roth / goosefoot; lamb's-quarters
 reported for Minnesota by FNA but no specimens at MIN: known from IA, ND, SD;
 native and introduced forms exist
Corispermum americanum (Nutt.) Nutt. var. *americanum* / American bugseed
 [*Corispermum hyssopifolium* L. see *C. pallasii*]
 [*Corispermum nitidum* Kitaibel ex Schultes misapplied to our flora, see *C. americanum*]

[*Corispermum orientale* L. misapplied to our flora, see *C. villosum*]
Corispermum pallasii Steven / pallas bugseed
Corispermum villosum Rydb. / hairy bugseed
Cycloloma atriplicifolium (Spreng.) J.M. Coult. / winged pigweed
Dysphania ambrosioides (L.) Mosyakin & Clemants / Mexican-tea; wormseed
to be expected in the far southeast corner (known from IA, WI), on drying river beds and lake bottoms
Dysphania botrys (L.) Mosyakin & Clemants / Jerusalem-oak; feather-geranium
native to Eurasia
Froelichia floridana (Nutt.) Moq. / common cottonweed; Plains snake-cotton
Kochia scoparia (L.) Schrad. var. *scoparia* / summer-cypress; Mexican fireweed
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1932 in both
Dakota and Hennepin counties
Monolepis nuttalliana (Schultes) Greene / Nuttall's povertyweed
Salicornia rubra A. Nels. / western glasswort; red saltwort
state Threatened list; eastern limit of distribution
Salsola collina Pallas / saltwort; slender Russian-thistle
native to Siberia
[*Salsola iberica* Sennen & Pau. see *S. tragus*]
[*Salsola kali* L. misapplied to our flora, see *S. tragus*]
Salsola tragus L. / prickly Russian-thistle; tumbleweed
native to Eurasia; state DOA listed weed, 1st collected 1890, Hennepin Co.
Suaeda calceoliformis (Hook.) Moq. / Plains sea blite; purshe seepweed
[*Suaeda depressa* (Pursh) S. Watson see *S. calceoliformis*]

Anacardiaceae

Rhus aromatica Aiton var. *aromatica* / fragrant sumac
native to eastern and southern US
Rhus xborealis (Britton) Greene (*R. glabra* x *typhina*) / sumac
Rhus glabra L. / smooth sumac; canzi' (Lakota)
[*Rhus hirta* (L.) Sudw. see *R. typhina*]
[*Rhus xpulvinata* Greene see *R. xborealis*]
[*Rhus radicans* L. see *Toxicodendron radicans* & *T. rydbergii*]
Rhus typhina L. / staghorn sumac
[*Rhus vernix* L. see *Toxicodendron vernix*]
Toxicodendron radicans (L.) Kuntze var. *negundo* (Greene) Gillis / eastern poison-ivy; poison-oak
state DOA noxious weed; can cause severe skin irritation
Toxicodendron rydbergii (Small ex Rhdb.) Greene / western poison-ivy
state DOA noxious weed; can cause severe skin irritation
Toxicodendron vernix (L.) Kuntze / poison sumac
can cause severe skin irritation

Apiaceae

Aegopodium podagraria L. / bishop's goutweed
native to Eurasia
Aethusa cynapium L. / fool's-parsley
native to Eurasia
Anethum graveolens L. / dill
native to southern Europe
Angelica atropurpurea L. / purple-stem angelica
Anthriscus sylvestris (L.) Hoffman / wild chervil
native to Europe
Berula erecta (Huds.) Coville / cut-leaf water-parsnip
[*Berula pusilla* (Nutt. ex Torr. & Gray) Fernald see *B. erecta*]
Carum carvi L. / caraway
native to Eurasia
Cicuta bulbifera L. / bulblet-bearing water-hemlock

Cicuta maculata L. var. *maculata* / spotted water-hemlock
 one of the mostly deadly poisonous plants in the US, to humans and animals

Conium maculatum L. / poison-hemlock
 native to Eurasia; known only from Kittson Co. (one trailside population, collected 1992);
 plants deadly poisonous to humans and animals – the poison of Socrates

Cryptotaenia canadensis (L.) DC. / Canadian honewort

Cymopterus acaulis (Pursh) Raf. var. *acaulis* / wild-parsley; Plains spring-parsley
 state Special Concern list, eastern limit of distribution; known only from Clay Co.
 (one roadside population, collected 1960)

Daucus carota L. / Queen Anne's lace; wild carrot
 native to Eurasia; state DOA noxious (CN) weed, 1st collected 1916, Ramsey Co.

Eryngium yuccifolium Michx. / rattlesnake master; button eryngio
 state Special Concern list

Heracleum lanatum Michx. / common cow-parsnip; American cow-parsnip
 poisonous to livestock

[*Heracleum maximum* W. Bartram see *H. lanatum*]

[*Hydrocotyle* see Araliaceae]

Lomatium orientale Coult. & Rose / northern Idaho biscuitroot; Oriental desert-parsley

[*Osmorhiza beteroi* DC. see *O. chilensis*]

Osmorhiza chilensis Hook. & Arn. / sweetroot; Chilean sweet cicely
 state Endangered list

Osmorhiza claytonii (Michx.) C.B. Clarke / Clayton's sweetroot; hairy sweet cicely

Osmorhiza depauperata Phil. / blunt-seed sweetroot; blunt-fruit sweet cicely
 state Special Concern list; known only from Cook Co. (last collected 2003)

Osmorhiza longistylis (Torr.) DC. / long-styled sweet cicely; aniseroot

[*Osmorhiza obtusa* (Coult. & Rose) Fernald see *O. depauperata*]

Oxypolis rigidior (L.) Raf. / stiff cowbane

Pastinaca sativa L. / wild parsnip
 native to Eurasia; can cause severe skin irritation

Pimpinella saxifraga L. / solid-stem burnet-saxifrage
 native to Eurasia; known only from Pine Co. (one field population, collected 1982)

Polytaenia nuttallii DC. / Nuttall's prairie-parsley
 state Special Concern list; known only from Fillmore Co. (last collected 1915)

Sanicula canadensis L. / Canadian black snakeroot

Sanicula gregaria E.P. Bicknell / clustered black snakeroot

Sanicula marilandica L. / Maryland black snakeroot; Maryland sanicle

[*Sanicula odorata* (Raf.) K.M. Pryer & L.R. Phillippe see *S. gregaria*]

Sanicula trifoliata E.P. Bicknell / large-fruit black snakeroot; beaked snakeroot
 state Special Concern list

[*Sium carsonii* Dur. ex Gray see *S. suave*]

Sium suave Walt. / hemlock water-parsnip

Spermolepis inermis (Nutt. ex DC.) Mathias & Constance / Red River scaleseed
 native to southern Great Plains; known only from Fillmore Co. (one trailside
 population, collected 1994), doubtfully persisting

Taenidia integerrima (L.) Drude / yellow-pimpernel

Thaspium barbinode (Michx.) Nutt. / hairy-joint meadow-parsnip

[*Thaspium chapmanii* (J.M. Coulter & Rose) Small see *T. barbinode*]

Zizia aptera (Gray) Fernald / heart-leaf alexanders; meadow alexanders

Zizia aurea (L.) W.D.J. Koch / golden alexanders

Apocynaceae

Apocynum androsaemifolium L. / spreading dogbane
 plants poisonous

Apocynum cannabinum L. / Indian-hemp
 plants poisonous

Apocynum xfloribundum Greene (*A. androsaemifolium* x *cannabinum*) / intermediate dogbane;

many-flowered dogbane

[*Apocynum medium* Greene see *A. xfloribundum*]

Apocynum sibiricum Jacq. / clasping dogbane; Indian-hemp
included in *A. cannabinum* by some

Asclepias - roots and sap of all species toxic to animals

Asclepias amplexicaulis Sm. / clasping milkweed

state Special Concern list

Asclepias exaltata L. / poke milkweed

Asclepias hirtella (Pennell) Woodson / green milkweed; prairie milkweed
state Threatened list, northern limit of distribution; known only from Mower Co.
(one population, collected 1982)

Asclepias incarnata L. var. *incarnata* / swamp milkweed

Asclepias lanuginosa Nutt. / side-cluster milkweed

Asclepias ovalifolia Decne. / oval-leaf milkweed

Asclepias purpurascens L. / purple milkweed

known only from Wabasha Co. (historical collection 1883)

Asclepias speciosa Torr. / showy milkweed

Asclepias stenophylla Gray / slim-leaf milkweed; narrow-leaf milkweed

state Endangered list

Asclepias sullivantii Engelm. ex Gray / prairie milkweed; Sullivant's milkweed

state Threatened list; northern limit of distribution

Asclepias syriaca L. / common milkweed

state DOA noxious (CN) weed

Asclepias tuberosa L. var. *interior* Woodson / butterfly milkweed; butterfly plant

Asclepias verticillata L. / whorled milkweed

Asclepias viridiflora Raf. / green comet milkweed

[*Cynanchum nigrum* (L.) Pers. see *Vincetoxicum nigrum*]

Vincetoxicum nigrum (L.) Moench / black swallow-wort; black dogbane
native to Europe; known only from Ramsey Co. (last collected 1997)

Aquifoliaceae

Ilex verticillata (L.) Gray var. *verticillata* / common winterberry

Nemopanthus mucronatus (L.) Loes. / catberry; mountain-holly

Araceae [fide FNA 2000, vol. 22]

Arisaema dracontium (L.) Schott / green-dragon; dragon-root

may cause skin irritation, contains calcium-oxalate crystals

Arisaema triphyllum (L.) Schott / jack-in-the-pulpet; Indian-turnip

may cause skin irritation, contains calcium-oxalate crystals

subsp. not recognized

Calla palustris L. / water arum; wild calla

may cause skin irritation, contains calcium-oxalate crystals

Lemna minor L. / common duckweed

most of our specimens were misidentified and are instead *L. turionifera*

Lemna obscura (Austin) Daubs / little duckweed

northern limit of distribution known only from Washington Co. (one population, collected 1988)

Lemna perpusilla Torr. / minute duckweed

Lemna trisulca L. / ivy-leaf duckweed

Lemna turionifera Landolt / turion duckweed

Peltandra virginica (L.) Schott / green arrow arum; tuckahoe

disjunct from central Great Lakes region; known only from Cook Co. (one
population, collected 1995)

Pistia stratioides L. / water-lettuce

native to tropics; known only from Winona Co. (collected 2000), doubtfully persisting

Spirodela polyrhiza (L.) Schleid. / duckmeal; common duckmeat

Symplocarpus foetidus (L.) Salisb. ex Nutt. / skunk-cabbage

may cause skin irritation, contains calcium-oxalate crystals; roots toxic
Wolffia borealis (Engelm. ex Hegelm.) Landolt / northern watermeal
[*Wolffia braziliensis* Wedd. see *W. borealis*]
Wolffia columbiana H. Karst. / Columbian watermeal
[*Wolffia globosa* (Roxb.) Hartog & Plas – erroneously reported for Minnesota]
[*Wolffia punctata* Griseb. misapplied to our flora, see *W. borealis*]

Araliaceae

Aralia hispida Vent. / bristly sarsaparilla
Aralia nudicaulis L. / wild sarsaparilla
Aralia racemosa L. / American spikenard
Hydrocotyle americana L. / American marsh-pennywort; American water-pennywort
state Special Concern list
Hydrocotyle ranunculoides L.f. / floating marsh-pennywort; buttercup marsh-pennywort
disjunct from eastern Ohio and Tennessee; known only from Scott Co.
(Shakopee-Mdewakanton tribal lands, collected 2007), possibly introduced
Panax quinquefolius L. / American ginseng
state Special Concern list
Panax trifolius L. / dwarf ginseng

Aristolochiaceae [fide FNA 1997, vol. 3]

Asarum canadense L. / eastern wild-ginger

Asclepiadaceae see Apocynaceae

Asparagaceae [fide FNA 2002, vol. 26]

Asparagus officinalis L. / common asparagus; garden asparagus
native to Eurasia and north Africa in pre-European times

Asteraceae [fide FNA 2006, vol. 19-21]

Results from recent phylogenetic studies indicate that, although this is a large and diverse family, it is monophyletic. Its relationship to other families, however, has been realigned and many generic boundaries have been changed with a number of segregates now raised (or, in some cases, re-raised) to generic level.

Achillea alpina L. / Siberian yarrow
state Threatened list, southern limit of distribution; known only from Roseau Co. (last collected 1983)

Achillea millefolium L. / common yarrow
both native and introduced forms exist but are not distinguishable except on a molecular level
subsp. and vars. not recognized – although much morphological variability occurs
it is not considered taxonomically important

Achillea nobilis L. / noble yarrow
native to Europe; apparently introduced with wildlife planting

Achillea ptarmica L. / pearly yarrow; sneezeweed yarrow
native to Eurasia

[*Achillea sibirica* Ledeb. See *A. alpina*]

Acroptilon repens (L.) DC. / Russian knapweed; hardheads
native to Asia; state DOA noxious (CN) weed, known only from Lac Qui Parle Co.
(one crop field population, collected 1981)

Adenocaulon bicolor Hook. / American trail plant
reported for Minnesota by USDA and NatureServe but no specimens at MIN;
native to western North America east to the Black Hills

Ageratina altissima (L.) King & H.E. Robins. var. *altissima* / white snakeroot
roots and leaves toxic to humans, deadly poisonous to livestock

[*Agoseris cuspidata* (Pursh) Steud. see *Nothocalais cuspidata*]

Agoseris glauca (Pursh) Raf. var. *glauca* / pale goat-chicory; pale agoseris

Ambrosia acanthicarpa Hook. / flat-spine burr ragweed

native to western US, known only from Hennepin Co. (historical collections to 1896)

Ambrosia artemisiifolia L. / annual ragweed; common ragweed

state DOA noxious (CN) weed; pollen causes allergies

Ambrosia bidentata Michx. / lance-leaf ragweed

known only from Ramsey Co. (one gravel pit population, collected 1914)

[*Ambrosia coronopifolia* Torr. & Gray see *A. psilostachya*]

Ambrosia psilostachya DC. / western ragweed; perennial ragweed

Ambrosia tomentosa Nutt. / skeleton-leaf burr ragweed

to be expected on disturbed wet clays or sands (known from ND, SD, IA, WI)

Ambrosia trifida L. / great ragweed; giant ragweed

state DOA noxious (CN) weed; pollen causes allergies

Anaphalis margaritacea (L.) Benth. & Hook.f. / pearly everlasting

Antennaria – this is a taxonomically difficult genus due to much hybridization, polyploidization, and various forms of apomixis. Characters such as gender distribution and presence/absence of stolons and “flags” (linear scarious appendages of the leaf tips) need to be noted in the field but often aren’t.

[*Antennaria aprica* Greene see *A. parvifolia*]

[*Antennaria arida* E. Nels. see *A. rosea* subsp. *arida*]

[*Antennaria campestris* Rydb. see *A. neglecta*]

[*Antennaria canadensis* Greene see *A. howellii* subsp. *canadensis*]

[*Antennaria fallax* Greene see *A. parlinii* subsp. *fallax*]

Antennaria howellii Greene / Howell’s pussytoes; small pussytoes

subsp. *canadensis* (Greene) R.J. Bayer

subsp. *howellii*

reported for Minnesota by FNA but no specimens at MIN

subsp. *neodioica* (Greene) R.J. Bayer

subsp. *petaloidea* (Fernald) R.J. Bayer

Antennaria microphylla Rydb. / small-leaf pussytoes; rosy pussytoes

[*Antennaria munda* Fernald see *A. parlinii* subsp. *fallax*]

Antennaria neglecta Greene / field pussytoes

[var. *canadensis* (Greene) Cronquist see *A. howellii* subsp. *canadensis*]

[var. *neodioica* (Greene) Cronquist see *A. howellii* subsp. *neodioica*]

[var. *petaloidea* (Fernald) Greene see *A. howellii* subsp. *petaloidea*]

[*Antennaria neodioica* Greene see *A. howellii* subsp. *neodioica*]

Antennaria parlinii Fernald / Parlin’s pussytoes subsp. *fallax* (Greene) R.J. Bayer & Stebbins

Antennaria parvifolia Nutt. / little-leaf pussytoes; Plains pussytoes

state Special Concern list

[*Antennaria petaloidea* Fernald see *A. howellii* subsp. *petaloidea*]

Antennaria plantaginifolia (L.) Richardson / woman’s-tobacco; plantain-leaf pussytoes

[var. *ambigens* (Greene) Cronquist see *A. parlinii* subsp. *fallax*]

Antennaria rosea Greene / rosy pussytoes

subsp. *arida* (E. Nels.) R.J. Bayer – known only from Kittson Co (one prairie-pasture population, collected 1960)

subsp. *rosea* – reported for Minnesota by FNA but no specimens at MIN

Anthemis cotula L. / stinking chamomile; dog-fennel

native to Eurasia; pollen may cause allergies

[*Anthemis tinctoria* L. see *Cota tinctoria*]

Arctium lappa L. / great burdock

reported for Minnesota by FNA but no specimens at MIN; native to Eurasia

Arctium minus Bernh. / lesser burdock; common burdock

native to Eurasia; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.

Arctium tomentosum Mill. / woolly burdock

native to Eurasia; known only from Kittson Co. (last collected 1958)

[*Arnica chionopappa* Fernald see *A. lonchophylla*]

Arnica lonchophylla Greene / seep leopardbane; long-leaf arnica

state Threatened list; southern limit of distribution

vars. not recognized

[*Arnoglossum atriplicifolium* (L.) H. Rob. / pale Indian-plantain – report from Minnesota by FNA 2006 and Pippen 1978 apparently based on a misidentified specimen; no specimens currently at MIN]

[*Arnoglossum muehlenbergii* (Sch.-Bip.) H.E. Robins. see *A. reniforme*]

Arnoglossum plantagineum Raf. / groove-stem Indian-plantain; tuberous Indian-plantain
state Threatened list; northern limit of distribution

Arnoglossum reniforme (Hooker) H. Rob. / great Indian-plantain

Artemisia abrotanum L. / southernwood; southern wormwood
native to Eurasia and north Africa

Artemisia absinthium L. / absinthe wormwood; old-man

native to Europe; state DOA noxious (CN) weed, 1st collected 1892, Otter Tail Co.;
pollen may cause allergies

[*Artemisia annua* L. / annual wormwood; sweet sagewort – previous reports from Minnesota were based on misidentified specimen]

Artemisia biennis Willd. / biennial wormwood
native to northwestern US

Artemisia campestris L. / Pacific wormwood; field sagewort
pollen may cause allergies

[subsp. *borealis* (Pallas) H.M. Hall & Clem. misapplied to our region see subsp. *caudata*]
subsp. *caudata* (Michx.) H.M. Hall & Clem.

Artemisia dracunculus L. / tarragon; dragon wormwood

Artemisia frigida Willd. / prairie sagebrush; fringed sagebrush

[*Artemisia glauca* Pallas see *A. dracunculus*]

Artemisia longifolia Nutt. / long-leaf wormwood

reported for Minnesota by FNA but no specimens at MIN; found on alkaline soils

Artemisia ludoviciana Nutt. subsp. *ludoviciana* / white sagebrush; western mugwort
pollen may cause allergies

Artemisia pontica L. / Roman wormwood

native to Eurasia; known only from Isanti Co. (one old homestead population,
collected 1963)

Artemisia serrata Nutt. / sawtooth wormwood

Artemisia stelleriana Besser / beach wormwood; old-woman

native to eastern Asia; known only from St. Louis Co., Minnesota Point (last collected 1947)

Artemisia vulgaris L. / common wormwood

native to Eurasia

[*Aster xamethystinus* Nutt. see *Symphotrichum xamethystinum*]

[*Aster azureus* Lindl. see *Symphotrichum oolentangiense*]

[*Aster borealis* (Torr. & Gray) Prov. see *Symphotrichum boreale*]

[*Aster brachyactis* S.F. Blake see *Symphotrichum ciliatum*]

[*Aster ciliolatus* Lindl. see *Symphotrichum ciliolatum*]

[*Aster commutatus* (Torr. & Gray) Gray see *Symphotrichum falcatum* var. *commutatum*]

[*Aster cordifolius* L. see *Symphotrichum cordifolium*]

[*Aster drummondii* Lindl. see *Symphotrichum drummondii*]

[*Aster ericoides* L. see *Symphotrichum ericoides*]

[*Aster falcatus* Lindl. see *Symphotrichum falcatum*]

[*Aster firmus* Nees see *Symphotrichum firmum*]

[*Aster hesperius* Gray see *Symphotrichum lanceolatum* var. *hesperium*]

[*Aster junciformis* Rydb. see *Symphotrichum boreale*]

[*Aster laevis* L. see *Symphotrichum laeve*]

[*Aster lanceolatus* Willd. see *Symphotrichum lanceolatum*]

[*Aster lateriflorus* (L.) Britton see *Symphotrichum lateriflorum*]

[*Aster lucidulus* (A. Gray) Wieg. See *Symphotrichum firmum*]

[*Aster xlongulus* E. Sheld. see *Symphotrichum xlongulum*]

[*Aster macrophyllus* L. see *Eurybia macrophylla*]

[*Aster modestus* Lindl. see *Canadanthus modestus*]

[*Aster novae-angliae* L. see *Symphotrichum novae-angliae*]

[*Aster novi-belgii* L. see *Symphyotrichum novi-belgii*]
 [*Aster oblongifolius* Nutt. see *Symphyotrichum oblongifolium*]
 [*Aster ontarionis* Wiegand see *Symphyotrichum ontarionis*]
 [*Aster oolentangiensis* Riddell see *Symphyotrichum oolentangiense*]
 [*Aster pilosus* Willd. see *Symphyotrichum pilosum*]
 [*Aster praealtus* Poir. see *Symphyotrichum praealtum*]
 [*Aster prenanthoides* Muhl. ex Willd. see *Symphyotrichum prenanthoides*]
 [*Aster pubentior* Cronquist see *Doellingeria umbellata* var. *pubens*]
 [*Aster puniceus* L. see *Symphyotrichum puniceum*]
 [*Aster puniceus* L. subsp. *firmus* (Nees) A.G. Jones see *Symphyotrichum firmum*]
 [*Aster sagittifolius* Wedem. ex Willd. see *Symphyotrichum cordifolium*]
 [*Aster sericeus* Vent. see *Symphyotrichum sericeum*]
 [*Aster shortii* Lindl. see *Symphyotrichum shortii*]
 [*Aster simplex* Willd. see *Symphyotrichum lanceolatum* var. *lanceolatum*]
 [*Aster umbellatus* Mill. see *Doellingeria umbellata* var. *umbellata*]
 [*Aster umbellatus* Mill. var. *pubens* Gray see *Doellingeria umbellata* var. *pubens*]
 [*Aster urophyllus* Lindl. see *Symphyotrichum urophyllum*]
Bellis perennis L. / lawndaisy; English daisy
 native to Eurasia and Pacific Islands, occasional escape from gardens
Bidens aristosa Britton / bearded beggarticks; Midwest tickseed-sunflower
 reported for Minnesota by FNA but no specimens at MIN; known from eastern Ontario, IA, MI
Bidens beckii Torr. ex Spreng. / Beck's water-marigold
Bidens cernua L. / nodding beggar-ticks; burr-marigold
 [*Bidens comosa* (Gray) Wiegand see *B. tripartita*]
Bidens connata Muhl. ex Willd. / purple-stem beggar-ticks; swamp beggar-ticks
 [*Bidens coronata* Britton see *B. trichosperma*]
Bidens discoidea Britton / small beggar-ticks; few-bracted beggar-ticks
Bidens frondosa L. / devil's beggar-ticks; devil's pitchfork
Bidens trichosperma (Michx.) Britton / crowned beggar-ticks; northern tickseed-sunflower
Bidens tripartita L. / three-lobe beggar-ticks; leafy-bract beggar-ticks
Bidens vulgata Greene / big devil's beggar-ticks; tall beggar-ticks
Boltonia asteroides (L.) L'Hér. / white doll's daisy; boltonia
 var. *latisquama* (Gray) Cronquist
 var. *recognita* (Fernald & Grisc.) Cronquist
 [*Brachyactis ciliata* (Ledeb.) Ledeb. see *Symphyotrichum ciliatum*]
Brickellia eupatorioides (L.) Shinnars var. *corymbulosa* (Torr. & Gray) Shinnars / false boneset
 [*Cacalia atriplicifolia* L. see *Arnoglossum atriplicifolium*]
 [*Cacalia muehlenbergii* (Sch.-Bip.) Fernald see *Arnoglossum reniforme*]
 [*Cacalia plantaginea* (Raf.) Shinnars see *Arnoglossum plantagineum*]
 [*Cacalia suaveolens* L. see *Hasteola suaveolens*]
 [*Cacalia tuberosa* Nutt. see *Arnoglossum plantagineum*]
Canadanthus modestus (Lindl.) G.L. Nesom / giant mountain aster; northwestern sticky aster
Carduus acanthoides L. subsp. *acanthoides* / spiny plumeless thistle
 native to Eurasia; state DOA noxious weed, 1st collected 1949, Becker & Rock counties
Carduus nutans L. / nodding plumeless thistle; musk thistle
 native to Eurasia; state DOA noxious weed, 1st collected 1939, Goodhue Co.
 [*Centaurea biebersteinii* DC. see *C. stoebe*]
Centaurea cyanus L. / garden cornflower; bachelor's button
 native to Mediterranean region
 [*Centaurea debeauxii* Gren. & Godr. subsp. *thuillieri* Dostál see *C. xmoncktonii*]
 [*Centaurea dubia* Suter see *C. nigrescens*]
 [*Centaurea jacea* L. subsp. *nigrescens* (Willd.) Cêlak. see *C. nigrescens*]
 [*Centaurea maculosa* Lam. see *C. stoebe*]
Centaurea xmoncktonii C.E. Britton (*C. jacea* x *nigra* x *nigrescens*) / meadow knapweed
 native to Europe; known only from St. Louis Co. (last collected 2006)
Centaurea montana L. / mountain cornflower; mountain-bluet

native to montane Europe; known only from Duluth area (one population, collected 1952), doubtfully persisting
Centaurea nigrescens Willd. / alpine knapweed; fringed knapweed
 native to Europe; known only from St. Louis Co. (one roadside population, collected 1953)
Centaurea phrygia L. / wig knapweed
 native to Europe; known only from St. Louis Co. (last collected 2006)
 [*Centaurea repens* L. see *Acroptilon repens*]
Centaurea solstitialis L. / yellow star-thistle
 reported for Minnesota by FNA but no specimens at MIN; known from surrounding states and provinces; native to southern Europe
Centaurea stoebe L. subsp. *micranthos* (S.G. Gmelin ex Gugler) Hayek / spotted knapweed
 native to Europe; state DOA noxious (CN) weed, 1st collected 1918, Dakota Co.
 [*Centaurea transalpina* Schleich. ex DC. see *C. nigrescens*]
 [*Chamomilla recutita* (L.) Rauschert see *Matricaria chamomilla*]
 [*Chamomilla suaveolens* (Pursh) Rydb. see *Matricaria discoidea*]
 [*Chrysanthemum leucanthemum* L. see *Leucanthemum vulgare*]
 [*Chrysanthemum parthenium* (L.) Benth. see *Tanacetum parthenium*]
 [*Chrysopsis villosa* (Pursh) Nutt. ex DC. see *Heterotheca villosa*]
 [*Chrysopsis villosa* var. *angustifolia* (Rydb.) Cronquist misapplied to our flora see *Heterotheca stenophylla*]
Cichorium intybus L. / chicory
 native to Eurasia
Cirsium altissimum (L.) Spreng. / tall thistle
Cirsium arvense (L.) Scop. / Canada thistle; field thistle
 native to Eurasia; state DOA noxious weed, 1st collected 1878, Hennepin Co.
 vars. not recognized
Cirsium discolor (Muhl. ex Willd.) Spreng. / field thistle
Cirsium flodmanii (Rydb.) Arthur / Flodman's thistle; prairie thistle
 [*Cirsium hillii* (Canby) Fernald see *C. pumilum*]
Cirsium muticum Michx. / swamp thistle
Cirsium pumilum (Nutt.) Spreng. var. *hillii* (Canby) B. Boivin / pasture thistle; Hill's thistle
 state Special Concern list
Cirsium undulatum (Nutt.) Spreng. / wavy-leaf thistle
 reported for Minnesota by FNA but no specimens at MIN; easily confused with *C. flodmanii*
Cirsium vulgare (Savi) Ten. / bull thistle
 native to Eurasia; state DOA noxious weed, 1st collected 1883, Wabasha Co.
Conyza canadensis (L.) Cronquist / Canadian horseweed
 vars. not recognized
Conyza ramosissima Cronquist / dwarf horseweed; spreading fleabane
Coreopsis lanceolata L. / lance-leaf tickseed; sand coreopsis
 native to eastern US
Coreopsis palmata Nutt. / stiff tickseed; prairie coreopsis
Coreopsis tinctoria Nutt. / golden tickseed; Plains coreopsis
 native to southern US
 vars. not recognized
Cosmos bipinnatus Cav. / garden cosmos
 reported as naturalized for Minnesota by FNA but no specimens at MIN;
 native to Mexico and southwestern U.S.
Cosmos sulphureus Cav. / sulphur cosmos; orange cosmos
 native to Mexico; known only from Olmsted Co. (collected 1994), apparently introduced as part of prairie planting, doubtfully persisting
Cota tinctoria (L.) J. Gay ex Gussone / golden chamomile
 native to Eurasia
Crepis capillaris (L.) Wallr. / smooth hawk's-beard
 native to Europe; state DOA noxious (CN) weed, but not reported for Minnesota
Crepis runcinata (James) Torr. & Gray subsp. *runcinata* / fiddle-leaf hawk's-beard

Crepis tectorum L. / narrow-leaf hawk's-beard
 native to Europe; state DOA noxious (CN) weed, 1st collected 1934, Becker Co.

Cyclachaena xanthifolia (Nutt.) Fresen. / giant sumpweed; careless weed
 state DOA noxious (CN) weed

Dieteria canescens (Pursh) Nutt. var. *canescens* / hoary tansy-aster; hoary aster
 native to northwestern Great Plains; known only from Blue Earth Co. (one railroad population, collected 1966)

Doellingeria umbellata (P. Mill.) Nees / parasol whitetop; tall flat-topped aster
 var. *pubens* (Gray) Britton
 var. *umbellata*

Dyssodia papposa (Vent.) Hitchc. / field-marigold; stinking-marigold

Echinacea angustifolia DC. / purple coneflower; blacksamson echinacea
 [*Echinacea pallida* (Nutt.) Nutt. var. *angustifolia* (DC.) Cronquist see *E. angustifolia*]
 many garden plants sold as "purple coneflower" are *E. purpurea*, which is native further south and east

Echinops exaltatus Schrad. / tall globe-thistle
 native to Siberia; known only from St. Louis Co. (one population from former agricultural test plots, collected 2004)

[*Eclipta alba* (L.) Hassk. see *E. prostrata*]

Eclipta prostrata (L.) L. / false daisy; yerba-de-tajo
 known only from Washington Co. (one riverside population, collected 1976), probably introduced

Erechtites hieracifolius (L.) Raf. ex DC. var. *hieracifolius* / American burnweed

Erigeron acris L. var. *kamtschaticus* (DC.) Hara / bitter fleabane; trimorphic fleabane
 state Special Concern list

Erigeron annuus (L.) Pers. / eastern daisy fleabane
 [*Erigeron canadensis* L. see *Conyza canadensis*]

Erigeron glabellus Nutt. var. *pubescens* Hook. / streamside fleabane; daisy fleabane

Erigeron lonchophyllus Hook. / short-ray fleabane
 state Special Concern list

Erigeron philadelphicus L. var. *philadelphicus* / Philadelphia fleabane; common fleabane

Erigeron pulchellus Michx. / robin's-plantain
 var. *pulchellus*
 var. *tolsteadii* Cronquist
 endemic to Minnesota

Erigeron strigosus Muhl. ex Willd. / prairie fleabane; rough fleabane
 [var. *beyrichii* (Fisch. & C.A. Mey.) Torr. & Gray see var. *strigosus*]
 var. *septentrionalis* (Fernald & Wiegand) Fernald
 var. *strigosus*

Eupatorium altissimum L. / tall boneset; tall thoroughwort
 [*Eupatorium maculatum* L. see *Eutrochium maculatum*]

Eupatorium perfoliatum L. / common boneset; purple boneset
 vars. not recognized
 [*Eupatorium purpureum* L. see *Eutrochium purpureum*]
 [*Eupatorium rugosum* Houtt. see *Ageratina altissima*]

Eupatorium serotinum Michx. / late-flowering thoroughwort
 reported for Minnesota by FNA but no specimens at MIN

Eupatorium sessilifolium L. / upland boneset
 state Threatened list; northwest limit of distribution

Eurybia macrophylla (L.) Cass. / big-leaf aster

Euthamia graminifolia (L.) Nutt. / flat-top goldentop; grass-leaf goldenrod
 vars. not recognized

Euthamia gymnospermoides Greene / Texas goldentop; Great Plains flat-top goldenrod

Eutrochium maculatum (L.) E.E. Lamont / spotted joe-pye-weed
 var. *bruneri* (Gray) E.E. Lamont
 var. *foliosum* (Fernald) Wiegand – known only from Cook Co. (last collected 1945)
 var. *maculatum*

Eutrochium purpureum (L.) E.E. Lamont / sweet-scented joe-pye-weed; purple joe-pye-weed
 var. *holzingeri* (Rydb.) E.E. Lamont
 var. *purpureum*
 reported for Minnesota by FNA but no specimens at MIN
 [*Filago arvensis* L. see *Logfia arvensis*]
Gaillardia aristata Pursh / great blanket flower; great gaillardia
 state Special Concern list
Gaillardia pulchella Foug. / firewheel; rose-ring blanket flower
 native to southern US
 [*Galinsoga ciliata* (Raf.) S.F. Blake see *G. quadriradiata*]
Galinsoga parviflora Cav. var. *parviflora* / gallant soldier; lesser galinsoga
 native from southwestern US to South America
Galinsoga quadriradiata Ruiz. & Pav. / shaggy soldier; common galinsoga
 native from Central America to South America
 [*Gnaphalium macounii* Greene see *Pseudognaphalium macounii*]
 [*Gnaphalium obtusifolium* L. see *Pseudognaphalium obtusifolium*]
Gnaphalium uliginosum L. / marsh cudweed; low cudweed
 native to Europe
 [*Gnaphalium viscosum* Kunt, misapplied to our region, see *Pseudognaphalium macounii* for Minnesota plants]
Grindelia hirsutula Hook. & Arn. / hairy gumweed
Grindelia squarrosa (Pursh) Dunal / curly-cup gumweed; curly-top gumweed
 state DOA noxious (CN) weed
 vars. not recognized
 [var. *quasiperennis* Lunell see *G. hirsutula*]
Gutierrezia sarothrae (Pursh) Britt. & Rusby / kindlingweed
 reported for Minnesota by FNA but no specimens at MIN
 [*Haplopappus spinulosus* (Pursh) DC. see *Xanthisma spinulosum*]
Hasteola suaveolens (L.) Pojark. / false Indian-plantain; sweet-smelling Indian-plantain
 state Endangered list; northwest limit of distribution
Helenium autumnale L. / fall sneezeweed; common sneezeweed
 poisonous to cattle
 vars. not recognized
Helenium flexuosum Raf. / purple-head sneezeweed
 native to eastern US; known only from Carlton Co. (one swampy roadside population, collected 1944)
Helianthus annuus L. / common sunflower; wahcha-zizi (Dakota)
 state DOA noxious (CN) weed, named cultivars exempt
Helianthus giganteus L. / giant sunflower; swamp sunflower;
Helianthus grosseserratus M. Martens / sawtooth sunflower
Helianthus hirsutus Raf. / whiskered sunflower; hairy sunflower
Helianthus xlaetiflorus Pers. (*H. pauciflorus* x *tuberosus*) / cheerful sunflower; hybrid sunflower
Helianthus maximiliani Schrad. / Maximilian's sunflower; michaelmas-daisy
Helianthus microcephalus Torr. & Gray / small woodland sunflower
 reported for Minnesota by FNA
Helianthus nuttallii Torr. & Gray subsp. *rydbergii* (Britton) R.W. Long / Nuttall's sunflower; Rydberg's sunflower
 state Special Concern list
Helianthus occidentalis Riddell subsp. *occidentalis* / fewleaf sunflower; western sunflower
Helianthus pauciflorus Nutt. / stiff sunflower; prairie sunflower
 much overlap occurs in characters separating the varieties; much of our material shows characteristics of both
 subsp. *pauciflorus*
 subsp. *subrhomboideus* (Rydb.) O. Spring & E.E. Schill.
Helianthus petiolaris Nutt. subsp. *petiolaris* / prairie sunflower; Great Plains sunflower
 [*Helianthus rigidus* (Cass.) Desf. see *H. pauciflorus* subsp. *pauciflorus*]
Helianthus strumosus L. / pale-leaf woodland sunflower

Helianthus tuberosus L. / Jerusalem-artichoke; woodland sunflower
state DOA noxious (CN) weed

Heliopsis helianthoides (L.) Sweet / sunflower-everlasting; smooth ox-eye
[var. *occidentalis* (T.R. Fischer) Steyerm. see var. *scabra*]
var. *scabra* (Dunal) Fernald

Heterotheca stenophylla (Gray) Shinnars var. *angustifolia* (Rydb.) Semple / stiff-leaf false golden-aster
known only from Pipestone Co. (collected 1963)

Heterotheca villosa (Pursh) Shinnars / hairy false golden-aster
var. *ballardii* (Rydb.) Semple
var. *foliosa* (Nutt.) DC. Eat. – known only from Traverse Co. (collected 1938)
var. *minor* Hook.
var. *villosa*

Hieracium aurantiacum L. / devil's paintbrush; orange king-devil
native to Europe; state DOA noxious (CN) weed, 1st collected 1947, St. Louis Co.

Hieracium caespitosum Dumort. / yellow king-devil; meadow hawkweed
native to Europe
[*Hieracium canadense* Michx. see *H. umbellatum*]
[*Hieracium florentinum* All. see *H. piloselloides*]

Hieracium xfloribundum Wimmer & Grab. (*H. caespitosum* x *lactucella*) / smooth king-devil; smooth hawkweed
native to Europe

Hieracium gronovii L. / queen-devil
reported for Minnesota by FNA but no specimens at MIN
[*Hieracium kalmii* L. see *H. umbellatum*]
[*Hieracium lachenalii* C.C. Gmel. see *H. vulgatum*]

Hieracium longipilum Torr. ex Hook. / hairy hawkweed; long-hair hawkweed

Hieracium pilosella L. / mouse-ear hawkweed
native to Europe

Hieracium piloselloides Vill. / glaucous king-devil; tall hawkweed
native to Europe
[*Hieracium scabriusculum* Schwein. see *H. umbellatum*]

Hieracium scabrum Michx. / rough hawkweed; sticky hawkweed

Hieracium umbellatum L. / narrow-leaf hawkweed; Canadian hawkweed

Hieracium vulgatum Fr. / common hawkweed; European hawkweed
native to Europe; correct name for this taxon is in some doubt fide FNA

Inula britannica L. / British yellowhead; British elecampane
native to Europe; known only from Dakota Co. (nursery holding area, collected 2004)

Inula helenium L. / elecampane
native to Europe

Ionactis linearifolia (L.) Greene / flax-leaf whitetop aster
reported for Minnesota by Fernald 1950 but not subsequent authors; perhaps to be
expected in southeastern bluff country on algific slopes

Iva annua L. / annual marsh-elder
to be expected on moist disturbed sites (known from ND, SD, IA, WI)

Iva axillaris Pursh / deer root
reported for Minnesota by FNA but no specimens at MIN
[*Iva xanthifolia* Nutt. see *Cyclachaena xanthifolia*]

Krigia biflora (Walter) S.F. Blake / two-flower dwarf-dandelion; lemon-flowered Cynthia

Krigia virginica (L.) Willd. / Virginia dwarf-dandelion
reported for Minnesota by FNA but no specimens at MIN
[*Kuhnia eupatorioides* L. see *Brickellia eupatorioides*]

Lactuca biennis (Moench) Fernald / wild blue lettuce; tall blue lettuce

Lactuca canadensis L. / Canada lettuce; Florida blue lettuce

Lactuca floridana (L.) Gaertn. / Florida lettuce; woodland lettuce

Lactuca ludoviciana (Nutt.) Riddell / prairie lettuce; Louisiana lettuce
[*Lactuca pulchella* (Pursh) DC. see *Mulgedium pulchellum*]

Lactuca serriola L. / prickly lettuce

native to Europe; toxic to livestock
 [*Lactuca tatarica* (L.) C.A. Mey. var. *pulchella* (Pursh) Breitung see *Mulgedium pulchellum*]
Lapsana communis L. / common nipplewort
 native to Eurasia
Leontodon autumnalis L. / fall-dandelion; autumn-dandelion
 native to Eurasia; known only from St. Louis Co. (one turf-planting population, collected 1995)
 vars. not recognized
Leucanthemella serotina (L.) Tzvelev / giant daisy; Portugese daisy
 native to eastern Europe
 [*Leucanthemum lacustre* (Brot.) Samp. misapplied to most of US flora (except CA)
 see *Leucanthemella serotina*]
Leucanthemum vulgare Lam. / oxeye daisy
 native to Europe; state DOA noxious (CN) weed, 1st collected 1878, Hennepin Co.
Liatris aspera Michx. / rough blazing star; tall gayfeather
Liatris cylindracea Michx. / few-headed blazing star; Ontario gayfeather
Liatris ligulistylis (A. Nels.) K. Schum. / Plains blazing star; strap-style gayfeather
Liatris punctata Hook. var. *punctata* / dotted blazing star; dotted gayfeather
Liatris pycnostachya Michx. var. *pycnostachya* / prairie blazing star; cat-tail gayfeather
Liatris squarrosa (L.) Michx. / scaly blazing star; Plains blazing star
 disjunct from central Great Plains and southeastward; reported from Sherburne National
 Wildlife Refuge, Sherburne Co. (probably introduced with wildlife planting)
 by U.S.F.W.S.; specimen not yet deposited in MIN
Logfia arvensis (L.) Holub. / field cottonrose
 native to Eurasia and northwest Africa; known only from St. Louis Co. (collected
 1998); only known collection at DUL
Lygodesmia juncea (Pursh) D. Don ex Hook. / rush skeleton plant; skeleton weed
 [*Lygodesmia rostrata* (Gray) Gray see *Shinnersoseris rostrata*]
 [*Machaeranthera canescens* (Pursh) Gray see *Dieteria canescens*]
 [*Machaeranthera pinnatifida* (Hook.) Shinners see *Xanthisma spinulosum*]
Madia glomerata Hook. / mountain tarweed; mountain tarplant
 native to western US
Matricaria chamomilla L. / wild chamomile; German mayweed
 native to Eurasia; pollen causes allergies
Matricaria discoidea DC. / pineapple weed; disc mayweed
 native to northwestern US
 [*Matricaria maritima* L. misapplied to our region, see *Tripleurospermum inodorum*]
 [*Matricaria matricarioides* (Less.) Porter see *M. discoidea*]
 [*Matricaria recutita* L. see *M. chamomilla*]
 [*Megalondonta beckii* (Torr. ex Spreng.) Greene see *Bidens beckii*]
 [*Microseris cuspidata* (Pursh) Sch.-Bip. see *Nothocalais cuspidata*]
Mulgedium pulchellum (Pursh) G. Don / common blue lettuce; Russian blue lettuce
Mycelis muralis (L.) Dumort. / wall-lettuce
 reported for Minnesota by FNA but no specimens at MIN; native to Europe
Nothocalais cuspidata (Pursh) Greene / false dandelion; wavy-leaf prairie-dandelion
 [*Oligoneuron album* (Nutt.) G.L. Nesom see *Solidago ptarmicoides*]
 [*Oligoneuron xbernardii* (B. Boivin) G.L. Nesom see *Solidago xbernardii*]
 [*Oligoneuron riddellii* (Frank ex Riddell) Rydb. see *Solidago riddellii*]
 [*Oligoneuron rigidum* (L.) Small var. *rigidum* see *Solidago rigida*]
Onopordum acanthium L. subsp. *acanthium* / scotch-thistle; scotch cotton-thistle
 native to Eurasia; known only from Pipestone Co. (one population, collected 1954),
 doubtfully persisting
Packera aurea (L.) A. Löve & D. Löve / heart-leaf groundsel; golden ragwort
 leaves and roots possibly toxic to humans, deadly poisonous to horses and cattle
Packera cana (Hook.) W.A. Weber & A. Löve / woolly groundsel; grey ragwort
 state Endangered list, southeast limit of distribution; known only from Polk Co.
 (last collected 1993)

Packera indecora (Greene) A. Löve & D. Löve / elegant groundsel; tall ragwort
state Special Concern list

Packera paupercula (Michx.) A. Löve & D. Löve / balsam groundsel; balsam ragwort

Packera plattensis (Nutt.) W.A. Weber & A. Löve / prairie groundsel; Platte River ragwort
leaves and roots possibly toxic to humans, deadly poisonous to horses and cattle

Packera pseudoaurea (Rydb.) W.A. Weber & A. Löve var. *semicordata* (Mack. & Bush)
Trock & T.M. Barkley / false-gold groundsel; western golden ragwort

Parthenium integrifolium L. / wild-quinine; eastern parthenium
state Endangered list; northwest limit of distribution

Petasites frigidus (L.) Fr. / arctic sweet colt's-foot; northern sweet colt's-foot
var. *palmatum* (Aiton) Cronquist
var. *sagittatum* (Banks ex Pursh) Cherniawsky
var. *xvitifolius* (Greene) Cherniawsky

[*Petasites sagittatum* (Banks ex Pursh) Gray see *P. frigidus* var. *sagittatum*]
[*Petasites xvitifolius* Greene see *P. frigidus* var. *xvitifolius*]

Polymnia canadensis L. / white-flower leafcup; pale-flower leafcup

Prenanthes alba L. / white rattlesnake root; white-lettuce

Prenanthes aspera Michx. / rough rattlesnake root; rough white-lettuce

Prenanthes crepidinea Michx. / nodding rattlesnake root; nodding white-lettuce
state Special Concern list; known only from Houston Co. (collected 1900)

Prenanthes racemosa Michx. / glaucous white-lettuce; purple rattlesnake root
vars./subsp. not recognized

Pseudognaphalium macounii (Greene) Kartesz / clammy cudweed; Macoun's cudweed

Pseudognaphalium micradenium (Weath.) G.L. Nesom / delicate rabbit-tobacco
reported for Minnesota by FNA but no specimens at MIN

Pseudognaphalium obtusifolium (L.) Hillard & B.L. Burtt. / sweet everlasting; fragrant cudweed

[*Pseudognaphalium viscosum* (Kunth) W.A. Weber misapplied to our region,
see *P. macounii*]

Ratibida columnifera (Nutt.) Wooton & Standl. / upright prairie coneflower; red-spike Mexican hat

Ratibida pinnata (Vent.) Barnhart / pinnate-leaf prairie coneflower; grey-head Mexican hat

Rudbeckia hirta L. var. *pulcherrima* Farw. / black-eyed-susan

Rudbeckia laciniata L. var. *laciniata* / cut-leaf coneflower; green-head coneflower

Rudbeckia subtomentosa Pursh / sweet coneflower
range extension from southern IA and WI; known only from Mower Co. (one
railroad population, collected 2001)

Rudbeckia triloba L. var. *triloba* / brown-eyed-susan; three-leaved coneflower
state Special Concern list

[*Senecio aureus* L. see *Packera aurea*]
[*Senecio canus* Hook. see *Packera cana*]
[*Senecio congestus* (R.Br.) DC. see *Tephrosia palustris*]

Senecio eremophilus Richards. var. *eremophilus* / desert ragwort; desert groundsel
to be expected in far northeast corner (known from adjacent Ontario), on grassy, rocky
outcroppings and cliffs

[*Senecio indecorus* Greene see *Packera indecora*]
Senecio integerrimus Nutt. var. *integerrimus* / single-stem groundsel; lamb's-tongue ragwort
leaves and roots possibly toxic

[*Senecio pauperculus* Michx. see *Packera paupercula*]
[*Senecio plattensis* Nutt. see *Packera plattensis*]
[*Senecio pseudoaureus* Rydb. see *Packera pseudoaurea*]

Senecio viscosus L. / sticky ragwort; stinking groundsel
native to Eurasia; known only from Duluth area (last collected 2006)

Senecio vulgaris L. / common groundsel; old-man-in-the-spring
native to Eurasia; leaves and roots possibly toxic to humans, deadly poisonous to
horses and cattle

Shinersoseris rostrata (Gray) S. Tomb / annual skeleton weed; beaked skeleton plant
state Threatened list; eastern limit of distribution

Silphium integrifolium Michx. var. *integrifolium* / entire-leaf rosinweed; whole-leaf rosinweed
 possibly to be expected along southern border (known from SD, IA, WI), in road/railside prairies
Silphium laciniatum L. / compass plant
Silphium perfoliatum L. var. *perfoliatum* / cup plant
Solidago altissima L. / late goldenrod
 subsp. *altissima*
 subsp. *gilvocanescens* (Rydb.) Semple
Solidago xbernardii B. Boivin (*S. ptarmicoides* x *riddellii*) / Bernard's goldenrod; yellow stiff-aster
Solidago bicolor L. / white goldenrod; silver-rod
 to be expected along the Wisconsin border, on dry soils in open woods and rocky slopes
Solidago canadensis L. / Canada goldenrod
 var. *canadensis*
 [var. *gilvocanescens* Rydb. see *S. altissima* subsp. *gilvocanescens*]
 var. *hrageri* Fernald
 [var. *salebrosa* (Piper) M.E. Jones misapplied to our flora, see *S. altissima* or *S. canadensis*]
 [var. *scabra* Torr. & Gray see *S. altissima* subsp. *altissima*]
Solidago flexicaulis L. / zigzag goldenrod
Solidago gigantea Aiton / late goldenrod; giant goldenrod
Solidago hispida Muhl. ex Willd. / hairy goldenrod
 vars. not recognized
Solidago juncea Aiton / early goldenrod
 [var. *lepidia* DC. var. *fallax* (Fern.) Semple misapplied to regional flora,
 see *S. canadensis* or *S. gigantea*]
Solidago missouriensis Nutt. / Missouri goldenrod
 vars. not recognized
Solidago mollis Bartl. / velvet goldenrod; soft goldenrod
 state Special Concern list
Solidago nemoralis Aiton / gray goldenrod
 subsp. *decemflora* (DC.) Brammell ex Semple
 [var. *longipetiolata* (Mack. & Bush) E.J. Palmer & Steyerm. see subsp. *decemflora*]
 subsp. *nemoralis*
Solidago ptarmicoides (Nees) B. Boivin / prairie goldenrod; sneezewort-aster
Solidago riddellii Frank ex Riddell / Riddell's goldenrod
Solidago rigida L. / stiff goldenrod
 subsp. *humilis* (Porter) Heard & Semple
 subsp. *rigida*
Solidago sciaphila E.S. Steele / cliff goldenrod; shadowy goldenrod
 state Special Concern list
Solidago simplex Kunth var. *simplex* / Mt. Albert goldenrod; sticky goldenrod
 reported for Minnesota by FNA but no specimens at MIN; to be expected
 in rocky seepages (known from SD, ND, Manitoba, Ontario)
Solidago speciosa Nutt. / showy goldenrod
 [var. *jejunifolia* (E.S. Steele) Cronquist see var. *speciosa*]
 var. *rigidiuscula* Torr. & Gray
 var. *speciosa*
Solidago uliginosa Nutt. / bog goldenrod
Solidago ulmifolia Muhl. ex Willd. var. *ulmifolia* / elm-leaf goldenrod
Sonchus arvensis L. / field sow-thistle; perennial sow-thistle
 native to Europe; state DOA noxious weed, 1st collected 1891, Carver & Hennepin cos.
 subsp. *arvensis*
 [subsp. *glabrescens* Guenther, Grab. & Wimmer see subsp. *uliginosus*]
 subsp. *uliginosus* (M. Bieb.) Nyman
Sonchus asper (L.) Hill / spiny-leaf sow-thistle
 native to Mediterranean region
Sonchus oleraceus L. / common sow-thistle
 native to Europe

[*Sonchus uliginosus* M. Bieb. see *S. arvensis* var. *uliginosus*]

Symphotrichum xamethystinum (Nutt.) G.L. Nesom (*S. ericoides* x *novae-angliae*) / amethyst aster

Symphotrichum boreale (Torr. & Gray) A. Löve & D. Löve / northern bog aster; rush aster

Symphotrichum ciliatum (Ledeb.) G.L. Nesom / rayless alkali aster
native to western US, Canada, and Siberia

Symphotrichum ciliolatum (Lindl.) A. Löve & D. Löve / northern heart-leaf aster; Lindley's aster

Symphotrichum cordifolium (L.) G.L. Nesom / common blue wood aster; blue heart-leaf aster

Symphotrichum drummondii (Lindl.) G.L. Nesom var. *drummondii* / Drummond's aster; hairy heart-leaf aster

Symphotrichum ericoides (L.) G.L. Nesom / frost aster; white heath aster

var. *ericoides*

var. *pansum* (S.F. Blake) G.L. Nesom – known only from Wilkin Co. (one prairie population, collected 1981)

Symphotrichum falcatum (Lindl.) G.L. Nesom / white prairie aster; western heath aster

var. *commutatum* (Torr. & Gray) G.L. Nesom

var. *falcatum*

Symphotrichum firmum (Nees) G.L. Nesom / glossy-leaf aster

Symphotrichum laeve (L.) A. Löve & D. Löve / smooth blue aster

var. *geyeri* Gray – known only from type specimen (as *A. laeviformis*) collected at Lake Benton, Lincoln Co., 1891

var. *laeve*

Symphotrichum lanceolatum (Willd.) G.L. Nesom / white paniced aster; lined aster

var. *hesperium* (Gray) G.L. Nesom

var. *hirsuticaule* (Semple & Chmiel.) G.L. Nesom

reported for Minnesota by FNA but no specimens at MIN

var. *interior* (Wiegand) A.G. Jones

var. *lanceolatum*

var. *latifolium* (Semple & Chmiel.) G.L. Nesom

reported for Minnesota by FNA but no specimens at MIN

[var. *simplex* (Willd.) A.G. Jones see var. *lanceolatum*]

Symphotrichum lateriflorum (L.) A. Löve & D. Löve / calico aster; goblet aster

Symphotrichum xlongulum (E. Sheld.) G.L. Nesom (*S. boreale* x *puniceum*) / long aster

Symphotrichum novae-angliae (L.) G.L. Nesom / New England aster

Symphotrichum novi-belgii (L.) G.L. Nesom var. *novi-belgii* / New York aster

native to far eastern US; known only from Lake Co. (one population, collected 1952, consists of single poor specimen)

Symphotrichum oblongifolium (Nutt.) G.L. Nesom / aromatic aster

Symphotrichum ontarionis (Wiegand) G.L. Nesom var. *ontarionis* / bottomland aster; Ontario aster

Symphotrichum oolentangiense (Riddell) G.L. Nesom / skyblue aster; azure aster

vars. not recognized

Symphotrichum pilosum (Willd.) G.L. Nesom / hairy white old-field aster

var. *pilosum*

var. *pringlei* (Gray) G.L. Nesom – known only from Winona Co. (one park population, collected 1914)

Symphotrichum praealtum (Poir.) G.L. Nesom / willow-leaf aster; veiny-lined aster

several varieties have been proposed but more work is needed to establish their validity

Symphotrichum prenanthoides (Muhl. ex Willd.) G.L. Nesom / crooked-stem aster; zigzag aster

Symphotrichum puniceum (L.) A. Löve & D. Löve var. *puniceum* / purple-stem aster; bristly aster

[*Symphotrichum robynianum* (J. Rousseau) Brouillet & Labrecque / Robyn's aster – erroneously reported for Minnesota by FNA]

Symphotrichum sericeum (Vent.) G.L. Nesom / western silky aster; western silver aster

Symphotrichum shortii (Lindl.) G.L. Nesom / Short's aster

state Threatened list; northwest limit of distribution

Symphotrichum urophyllum (Lindl.) G.L. Nesom / white arrow-leaf aster

Tanacetum parthenium (L.) Sch.-Bip. / feverfew

native to Eurasia & north Africa; known only from Fillmore Co. (one population, collected 1993), apparently introduced with prairie planting

Tanacetum vulgare L. / common tansy

native to Eurasia; state DOA noxious (CN) weed, 1st collected 1875, Hennepin Co.;
plant oil poisonous

Taraxacum erythrospermum Andr. ex Besser / red-seed dandelion; rock dandelion
native to Europe

[*Taraxacum laevigatum* (Willd.) DC. see *T. erythrospermum*]

Taraxacum officinale Weber / common dandelion
native to Europe

Tephrosia palustris (L.) Reichenbach / northern swamp groundsel; clustered marsh ragwort

Thelesperma megapotamicum (Spreng.) Kuntze / Hopi tea; greenthread

native to western Great Plains and southwestern US; known only from Sherburne Co.,
Sherburne National Wildlife Refuge (last collected 2001), introduced with wildlife planting

Tragopogon dubius Scop. / meadow goat's-beard; yellow salsify
native to Europe

Tragopogon porrifolius L. / salsify; vegetable-oyster

to be expected on heavily disturbed sites (naturalized across much of North America and
known from surrounding states and provinces); native to Europe and north Africa;
known to hybridize with both *T. dubius* and *T. pratensis*

Tragopogon pratensis L. / lesser goat's-beard; jack-go-to-bed-at-noon
native to Europe

[*Trimorpha acris* (L.) S.F. Gray see *Erigeron acris*]

[*Trimorpha lonchophylla* (Hook.) G.L. Nesom see *Erigeron lonchophyllus*]

Tripleurospermum inodorum (L.) Sch.Bip. / scentless chamomile; false mayweed
native to Europe

[*Tripleurospermum maritimum* (L.) W.D.J. Koch misapplied to our region, see *T. inodorum*]

Tussilago farfara L. / colt's-foot

native to Eurasia; known only from Wright Co. (one agricultural-field population,
collected 1913)

Vernonia baldwinii Torr. / western ironweed; interior ironweed

native from central to southwestern Great Plains

vars. not recognized

Vernonia fasciculata Michx. / prairie ironweed

vars. not recognized

Xanthisma spinulosum (Pursh) D.R. Morgan & R.L. Hartm. var. *spinulosum* / lacy tansy-aster; cut-leaf ironplant
state Special Concern list

[*Xanthium pennsylvanicum* Wallr. see *X. strumarium*]

Xanthium strumarium L. / rough cocklebur; common cocklebur

state DOA noxious (CN) weed (1st collected 1886); highly toxic to livestock
vars. not recognized

B

Balsaminaceae

Impatiens capensis Meerb. / spotted jewelweed; spotted touch-me-not

Impatiens pallida Nutt. / pale jewelweed; pale touch-me-not

Berberidaceae [fide FNA 1997, vol. 3]

Berberis repens Lindl. / creeping barberry; creeping Oregon-grape

reported for Minnesota by USDA and NatureServe but no specimens at MIN;
known from Dakotas westward

Berberis thunbergii DC. / Japanese barberry

native to Japan

Berberis vulgaris L. / common barberry; European barberry

native to Europe

Caulophyllum thalictroides (L.) Michx. / blue cohosh

Jeffersonia diphylla (L.) Pers. / twinleaf

state Special Concern list

Podophyllum peltatum L. / may-apple; American-mandrake

roots and leaves poisonous

Betulaceae [fide FNA 1997, vol. 3]

[*Alnus crispa* (Aiton) Pursh see *A. viridis*]

Alnus glutinosa (L.) Gaertn. / black alder; European alder

reported as naturalized in east-central Minnesota by FNA but no specimens at MIN

Alnus incana (L.) Moench subsp. *rugosa* (Du Roi) R.T. Clausen / speckled alder; tag alder

Alnus viridis (Vill.) DC. subsp. *crispa* (Aiton) Turrill / green alder; mountain alder

Betula alleghaniensis Britton / yellow birch

Betula cordifolia Regel / heartleaf birch; mountain white birch

[*Betula glandulifera* (Regel) B.T. Butler see *B. pumila*]

[*Betula glandulosa* Michx. misapplied to Minnesota plants, see *B. pumila*]

[*Betula lutea* F. Michx. see *B. alleghaniensis*]

Betula nigra L. / river birch; red birch

Betula papyrifera Marshall / paper birch; canoe birch

[*Betula papyrifera* Marshall var. *cordifolia* (Regel) Fernald see *B. cordifolia*]

Betula pubescens Ehrht. / European white birch; downy birch

native to Europe; known only from Houston Co. (one roadside population, collected 1920)

Betula pumila L. / bog birch; dwarf birch

Betula xpurpusii C.K. Schmeid. (*B. alleghaniensis* x *pumila*) / Purpus' birch

Betula xrosendahlia Butters & Abbe (*B. cordifolia* x *papyrifera*) / Rosendahl's birch

taxonomic status uncertain, not included in FNA; known only from Cook Co. (last collected 2000)

Betula xsandbergii Britton (*B. papyrifera* x *pumila*) / Sandberg's birch

Carpinus caroliniana Walter subsp. *virginiana* (Marshall) Fernald / blue-beech; American hornbeam

Corylus americana Walter / American hazelnut; uma (Dakota)

Corylus cornuta Marshall subsp. *cornuta* / beaked hazelnut

Ostrya virginiana (Mill.) K. Koch / ironwood; eastern hop-hornbeam

Bignoniaceae

Catalpa ovata G. Don / Chinese catalpa

native to China; known only from Houston Co. (one population, collected 1979, no further data), probably cultivated

Catalpa speciosa (Warder ex Barney) Warder ex Engelm. / northern catalpa; catawba tree

native to southern US

Boraginaceae

Anchusa arvensis (L.) M. Bieb. / small bugloss

native to Europe

Borago officinalis L. / common borage

native to Europe; doubtfully persisting

[*Cynoglossum boreale* Fernald see *C. virginianum*]

Cynoglossum officinale L. / common hound's tongue; gypsy-flower

native to Europe; leaves and roots potentially toxic and may cause skin irritation

Cynoglossum virginianum L. var. *boreale* (Fernald) Cooperr. / northern hound's tongue; wild comfrey

Echium vulgare L. / common viper's bugloss; blue weed

native to southern Europe; plant toxic

Ellisia nyctelea (L.) L. / waterpod; aunt lucy

Hackelia deflexa (Wahlenb.) Opiz var. *americana* (Gray) Fernald & I.M. Johnst. / nodding stickseed; cliff stickseed

Hackelia virginiana (L.) I.M. Johnst. / stickseed; beggar's lice

Hydrophyllum appendiculatum Michx. / maple-leaf waterleaf; great waterleaf

Hydrophyllum virginianum L. var. *virginianum* / Virginia waterleaf; Shawnee-salad

[*Lappula occidentalis* (S. Watson) Greene see *L. redowskii*]

Lappula redowskii (Hornem.) Greene / western stickseed; flatspine sheep-burr

native to Eurasia

Lappula squarrosa (Retz.) Durmort. / two-row stickseed; bristly sheep-burr

native to Eurasia

Lithospermum canescens (Michx.) Lehm. / hoary puccoon
Lithospermum caroliniense (Walter ex J.F. Gmel.) MacMill. var. *croceum* (Fernald) Cusick / hairy puccoon; Carolina puccoon
Lithospermum incisum Lehm. / narrow-leaf puccoon; fringed gromwell
Lithospermum latifolium Michx. / American gromwell; American stoneseed
Mertensia paniculata (Aiton) G. Don / tall bluebells; tall lungwort
Mertensia virginica (L.) Pers. exLink / Virginia bluebells; eastern bluebells
Myosotis arvensis (L.) Hill / rough forget-me-not; field scorpion-grass
 native to Eurasia
Myosotis laxa Lehm. / small forget-me-not; bay forget-me-not
Myosotis scorpioides L. / true forget-me-not; water scorpion-grass
 native to Europe
Myosotis sylvatica Ehrh. ex Hoffm. / garden forget-me-not; woodland forget-me-not
 native to Eurasia; known only from Clearwater Co. (one cabin-side population, collected 1965)
Myosotis verna Nutt. / spring forget-me-not; early scorpion-grass
Onosmodium molle Michx. / western false gromwell; soft hair marbleseed
 var. *hispidissimum* (Mack.) Cronquist
 var. *occidentale* (Mack.) B.L. Turner
Phacelia franklinii (R. Br.) Gray / Franklin's phacelia; Canadian phacelia
 state Special Concern list
Plagiobothrys scouleri (Hook. & Arn.) I.M. Johnst. var. *hispidulus* / Scouler's popcorn flower; sleeping popcorn flower
 reported for Minnesota by USDA, but no specimens at MIN
Symphytum asperum Lepech. / prickly comfrey; rough comfrey
 native to Caucasus region; known only from Goodhue Co. (historical collection 1881)
Symphytum officinale L. / common comfrey
 native to Eurasia

Brassicaceae

Alliaria petiolata (M. Bieb.) Cavara & Grande / garlic mustard
 native to Europe; state DOA noxious weed, 1st collected 1933, Hennepin Co.
Alyssum alyssoides (L.) L. / pale madwort; yellow alyssum
 native to Europe
Arabis canadensis L. / sicklepod; Canadian rockcress
Arabis xdivaricarpa A. Nels. (*A. drummondii* x *holboellii*) / pink rockcress; spreading-pod rockcress
Arabis drummondii Gray / Canadian rockcress; Drummond's rockcress
Arabis glabra (L.) Bernh. / tower mustard; tower rockcress
Arabis hirsuta (L.) Scop. / hairy rockcress
 var. *adpressipilis* (M. Hopkins) Rollins – known only from Waseca Co. (historical collection 1891), probably a waif, natural distribution is OH to IL and southward; sometimes included within var. *pyncocarpa*
 var. *pyncocarpa* (M. Hopkins) Rollins
Arabis holboellii Hornem. var. *retrofracta* (Graham) Rydb. / Holboell's rockcress; second rockcress
 state Threatened list
Arabis laevigata (Muhl. ex Willd.) Poir. var. *laevigata* / smooth rockcress
Arabis lyrata L. / sand cress; harp-leaf rockcress
 [*Arabis perstellata* E.L. Braun see *A. shortii*]
 [*Arabis pyncocarpon* (M. Hopkins) Rollins
 subsp. *adpressipilis* (M. Hopkins) Al-shehbaz and subsp. *pyncocarpon* see *A. hirsuta*]
Arabis shortii (Fernald) Gleason / Short's rockcress; toothed rockcress
 [*Arabidopsis lyrata* (L.) O'Kane & Al-Shehbaz
 subsp. *lyrata* and subsp. *petraea* (L.) O'Kane & Al-Shehbaz see *Arabis lyrata*]
Armoracia lacustris Gray / lakecress
 known only from Wilkin Co. (one population, collected 1981)
Armoracia rusticana P. Gaertn., B. Mey. & Scherb. / horseradish
 native to Eurasia; poisonous to livestock

Barbarea orthoceras Ledeb. / northern winter-cress; American yellow rocket
Barbarea vulgaris R. Br. / garden yellow rocket
 native to Eurasia; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.
Berteroa incana (L.) DC. / hoary-alyssum; hoary false madwort
 native to Europe; state DOA noxious (CN) weed, 1st collected 1894, Ramsey Co.
 [*Boechera canadensis* (L.) Al-Shehbaz see *Arabis canadensis*]
 [*Boechera collinsii* (Fern.) A. Löve & D. Löve see *Arabis holboellii*]
 [*Boechera grahamii* (Lehmann) Windham & Al-Shehbaz see *Arabis drummondii* or *A. xdivaricarpa*]
 [*Boechera laevigata* (Muhlenberg ex Willd.) Al-Shehbaz see *Arabis laevigata*]
 [*Brassica alba* (L.) Rabenh. see *Sinapis alba*]
 [*Brassica campestris* L. see *Brassica rapa*]
Brassica juncea (L.) Czern. / Chinese mustard; brown mustard
 native to Asia; seeds somewhat toxic to livestock
 [*Brassica kaber* (DC.) L.C. Wheeler see *Sinapis arvensis*]
Brassica napus L. / rutabaga; kale
 native to Europe; known only from Pennington Co. (city weed, collected 2002), doubtfully
 persisting; seeds somewhat toxic to livestock
Brassica nigra (L.) W.D.J. Koch / black mustard
 native to Europe; seeds somewhat toxic to livestock
Brassica oleracea L. / cabbage
 native to Eurasia; occasional escape from cultivation
Brassica rapa L. / field mustard; rape
 native to Europe; seeds poisonous
Camelina alyssum (Mill.) Thell. / false flax; gold-of-pleasure
 native to Europe; known only from Chisago Co. (historical collection 1885)
Camelina microcarpa Andr. ex DC. / small-seed false flax; little-pod false flax
 native to Europe
Camelina rumelica Velen. / graceful false flax
 native to Eurasia; known only from St. Louis Co.; only known specimen at DUL
Camelina sativa (L.) Crantz / large-seed false flax; gold-of-pleasure
 native to Europe
 [*Camelina sativa* (L.) Crantz subsp. *alyssum* (P. Mill.) E. Schmid see *C. alyssum*]
Capsella bursa-pastoris (L.) Medik. / shepherd's-purse
 native to southern Europe
 [*Cardamine bulbosa* (Schreb. ex Muhl.) Britton, Sterns & Poggenb. see *C. rhomboidea*]
Cardamine concatenata (Michx.) O. Schwarz / cut-leaf toothwort; five-parted toothwort
Cardamine diphylla (Michx.) Alph. Wood / crinkleroot
 reported for Minnesota by USDA-NRCS but no specimens so identified at MIN
Cardamine parviflora L. var. *arenicola* (Britton) O.E. Schultz / dry-land bittercress; sand bittercress
Cardamine pennsylvanica Muhl. ex Willd. / Pennsylvania bittercress; Quaker bittercress
Cardamine pratensis L. var. *palustris* Wimmer & Grab. / cuckoo flower
Cardamine rhomboidea (Pers.) DC. / spring cress; bulbous bittercress
Cardaria draba (L.) Desv. / heart-pod hoary-cress; whitetop
 native to Mediterranean region
Chorispora tenella (Pallas) DC. / blue mustard; cross flower
 native to central Asia; known only from Ramsey Co. (one lawn population, collected 1988),
 doubtfully persisting
Cleome serrulata Pursh / Rocky Mountain bee plant; spider flower
Conringia orientalis (L.) Dumort. / hare's-ear mustard
 native to Eurasia
 [*Cristatella jamesii* Torr. & Gray see *Polanisia jamesii*]
 [*Dentaria laciniata* Muhl. ex Willd. see *Cardamine concatenata*]
 [*Descurainia incana* Bernh. ex Fisch. & C.A. Mey. see *D. richardsonii*]
Descurainia pinnata (Walter) Britton var. *brachycarpa* (Richardson) Detling / green tansy mustard; western tansy
 mustard
Descurainia richardsonii (Sweet) O.E. Schultz / gray tansy mustard; mountain tansy mustard

known only from St. Louis Co. (last collected 1936)
Descurainia sophia (L.) Webb ex Prantl / flexweed; herb-sophia
 native to Eurasia; state DOA noxious (CN) weed, 1st collected 1932, Dakota Co.
Diplotaxis muralis (L.) DC. / sand rocket; annual wallrocket
 native to Europe; known only from Martin Co. (one lawn population, collected 1957),
 doubtfully persisting
Draba arabisans Michx. / rock whitlow-grass; rock draba
 state Special Concern list
 [*Draba breweri* S. Watson misapplied, see *D. cana*]
Draba cana Rydb. / cushion whitlow-grass
Draba nemorosa L. / woodland whitlow-grass; woodland draba
Draba norvegica Gunnerus / Norwegian whitlow-grass; Norwegian draba
 state Endangered list, disjunct from arctic Canada; known only from
 Cook Co. (last collected 1998)
Draba reptans (Lam.) Fernald / Carolina whitlow-grass; Carolina draba
 [var. *micrantha* (Nutt.) Fernald see var. *reptans*]
 var. *reptans*
Draba verna L. / spring whitlow-grass; spring draba
 native to Eurasia; known only from Duluth area (one campground population,
 collected 2001), doubtfully persisting
Erucastrum gallicum (Willd.) O.E. Schultz / dog mustard
 native to Europe
Erysimum asperum (Nutt.) DC. / western wallflower; sand dune wallflower
 [*Erysimum capitatum* (Douglas ex Hook.) Greene see *E. asperum*]
Erysimum cheiranthoides L. / worm-seed mustard; worm-seed wallflower
 native to Europe
Erysimum inconspicuum (S. Watson) MacMill. / shy wallflower; small worm-seed mustard
Hesperis matronalis L. / dame's rocket; mother-of-the-evening
 native to Eurasia
Iodanthus pinnatifidus (Michx.) Steud. / purple rocket
 state Endangered list; northwest limit of distribution
Lepidium campestre (L.) R. Br. / field peppergrass; cream-anther field pepperwort
 native to Europe; seeds somewhat toxic to livestock
Lepidium densiflorum Schrad. / prairie peppergrass; miner's pepperwort
 seeds somewhat toxic to livestock
 [*Lepidium draba* L. see *Cardaria draba*]
Lepidium perfoliatum L. / clasping peppergrass; clasping pepperweed
 native to Europe; known only from Clay Co. (one railroad population, collected 1958),
 doubtfully persisting; seeds somewhat toxic to livestock
Lepidium sativum L. / garden cress; garden pepperwort
 native to western Asia; seeds somewhat toxic to livestock
Lepidium virginicum L. / poor-man's peppergrass; Virginia pepperwort
 seeds somewhat toxic to livestock
Lesquerella ludoviciana (Nutt.) S. Watson / Louisiana bladderpod; foothill bladderpod
 state Endangered list; disjunct from Great Plains westward
Lobularia maritima (L.) Desv. / sweet-alyssum; sweet alison
 native to southern Europe
Lunaria annua L. / money plant; annual honesty
 native to southeastern Europe; known only from Hennepin Co. (one population,
 collected 1941), doubtfully persisting
 [*Nasturtium microphyllum* Boenn. ex Rchb. see *Rorippa nasturtium-aquaticum*]
 [*Nasturtium officinale* R. Br. see *Rorippa nasturtium-aquaticum*]
 [*Neobeckia aquatica* (Eat.) Greene see *Armoracia lacustris*]
Neslia paniculata (L.) Desv. / yellow ball mustard
 native to western Asia
 [*Physaria ludoviciana* (Nutt.) Al-Shehbaz & O'Kane see *Lesquerella ludoviciana*]

Polanisia dodecandra (L.) DC. / red-whisker clammyweed; sandy-seed clammyweed
 var. *dodecandra*
 var. *trachysperma* (Torr. & Gray) H.H. Iltis
Polanisia jamesii (Torr. & Gray) H.H. Iltis / James' clammyweed; James' polanisia
 state Endangered list; northern limit of distribution
Raphanus raphanistrum L. / wild radish; jointed charlock
 native to Eurasia; state DOA noxious (CN) weed, 1st collected 1888, Anoka Co.
Raphanus sativus L. / garden radish; wild radish
 native to Eurasia; doubtfully persisting here
Rorippa austriaca (Crantz) Besser / Austrian yellow cress; field yellow cress
 native to Europe; known only from Pipestone Co. (one riverside population, collected 1964);
 also hybridizes with *R. sylvestris* (one nursery population, collected 1994) and spreads rapidly
 [*Rorippa islandica* (Oeder) Borbás see *R. palustris*]
Rorippa nasturtium-aquaticum (L.) Hayek / watercress
 native to Eurasia
Rorippa palustris (L.) Besser / yellow cress; bog yellow cress
 var. *fernaldiana* (Butter & Abbe) Jonsell
 var. *hispida* (Desv.) Jonsell
 var. *palustris*
 [*Rorippa xreptabunda* (Fernald) Stuckey see *R. palustris* var. *palustris*]
Rorippa sessiliflora (Nutt.) Hitchc. / stalkless yellow cress; sessile-flower cress
 state Special Concern (historical collections to 1891)
Rorippa sinuata (Nutt.) Hitchc. / western yellow cress; spreading yellow cress
Rorippa sylvestris (L.) Besser / creeping yellow cress
 native to Eurasia
Sinapis alba L. / white mustard
 native to Europe; known only from Ramsey Co. (one agricultural population, collected 1981),
 doubtfully persisting
Sinapis arvensis L. / corn mustard; charlock
 native to Europe; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.
Sisymbrium altissimum L. / tumbling mustard; tall hedge mustard
 native to Eurasia
Sisymbrium loeselii L. / tall hedge mustard; false London rocket
 native to eastern Mediterranean region
Sisymbrium officinale (L.) Scop. / hedge mustard
 native to Eurasia
Subularia aquatica L. var. *americana* Mulligan & Calder / American water awlwort
 state Threatened list
Thlaspi arvense L. / field pennycress
 native to Europe; state DOA restricted weed, 1st collected 1883, Goodhue Co.;
 seeds somewhat toxic to livestock
 [*Turritis glabra* L. see *Arabis glabra*]

Butomaceae [fide FNA 2000, vol. 22]

Butomus umbellatus L. / flowering-rush
 native to Eurasia; DNR prohibited exotic species; 1st collected 1972, Rice Co.

C

Cabombaceae [fide FNA 1997, vol. 3]

Brasenia schreberi Schreb. / water-shield

Cactaceae [fide FNA 2003, vol. 4]

Coryphantha vivipara (Nutt.) Britton & Rose / spiny star purple pincushion cactus; ball cactus
 state Endangered list; eastern limit of distribution

[*Escobaria vivipara* (Nutt.) Buxb. see *Coryphantha vivipara*]

Opuntia fragilis (Nutt.) Haw. / brittle pricklypear; fragile cactus

Opuntia humifusa (Raf.) Raf. var. *humifusa* / eastern pricklypear; devil's-tongue
state Special Concern list
[*Opuntia macrorhiza* Engelm. misapplied to Minnesota plants, see *O. humifusa*]

Caesalpiniaceae see Fabaceae

Callitrichaceae see Plantaginaceae

Campanulaceae

[*Campanulastrum americanum* (L.) Small see *Campanula americana*]

Campanula americana L. / tall bellflower; American bellflower

Campanula aparinoides Pursh / marsh bellflower; bedstraw bellflower
var. *aparinoides*
var. *grandiflora* Holz.

Campanula cervicaria L. / bristly bluebells; bristly bellflower
native to Europe

Campanula glomerata L. / clustered bellflower; Dane's-blood
native to Europe; known only from St. Louis Co. (one population in former agricultural
test plots, collected 2004)

Campanula rapunculoides L. / creeping bellflower; rampion bellflower
native to Eurasia

Campanula rotundifolia L. / bluebell of Scotland; harebell

[*Lobelia* see Lobeliaceae]

Triodanis leptocarpa (Nutt.) Nieuwl. / narrow-leaf Venus' looking-glass; slim-pod Venus' looking-glass

Triodanis perfoliata (L.) Nieuwl. / round-leaf Venus' looking-glass; clasping-leaf Venus' looking-glass

Cannabaceae [fide FNA 1997, vol. 3]

Cannabis sativa L. / marijuana; hemp

both native and alien forms occur; state DOA noxious weed; contains
intoxicating compounds (federally regulated)

Celtis occidentalis L. / eastern hackberry; common hackberry

Humulus japonicus Siebold & Zucc. / Japanese hops

native to eastern Asia; known only from Fillmore Co. (one riverside population, collected 1992)

Humulus lupulus L. / common hops

var. *lupuloides* E. Small

var. *pubescens* E. Small

Capparaceae see Brassicaceae

Caprifoliaceae

[*Diervilla* see Diervillaceae]

[*Linnaea* see Linnaeaceae]

Lonicera xbella Zabel (*L. morrowii* x *tatarica*) / belle honeysuckle
parents native to Eurasia

Lonicera caerulea L. var. *villosa* (Michx.) Torr. & Gray / mountain fly honeysuckle; sweet-berry honeysuckle

Lonicera canadensis W. Bartram & Marshall / American fly honeysuckle

Lonicera dioica L. / limber honeysuckle

var. *dioica*

var. *glaucescens* (Rydb.) Butters

Lonicera hirsuta Eaton / hairy honeysuckle

Lonicera morrowii Gray / Morrow's honeysuckle

native to Japan

Lonicera oblongifolia (Goldie) Hook. / swamp fly honeysuckle

Lonicera prolifera (Kirchn.) Booth ex Rehder / grape honeysuckle

[*Lonicera reticulata* Raf. see *L. prolifera*]

Lonicera tatarica L. / Tatarian honeysuckle; twin sisters

native to Eurasia

[*Lonicera villosa* (Michx.) Schult. see *L. caerulea*]

Lonicera xylosteum L. / Vienna honeysuckle; European honeysuckle

native to Europe

[*Sambucus* see Adoxaceae]

Symphoricarpos albus (L.) S.F. Blake / common snowberry

Symphoricarpos occidentalis Hook. / wolfberry; western snowberry

Symphoricarpos orbiculatus Moench / coralberry; buckbrush

state Special Concern list

Triosteum aurantiacum E.P. Bicknell / orange-fruit horse-gentian; yellow-fruit horse-gentian

Triosteum perfoliatum L. / late horse-gentian; feverwort

[*Viburnum* see Adoxaceae]

Caryophyllaceae [fide FNA 2005, vol. 5]

Agrostemma githago L. var. *githago* / common corncockle; purple cockle

native to Eurasia; (last collected 1912) becoming less common in North America due to herbicide and seed screening protocols; seeds toxic, contain saponin

[*Arenaria dawsonensis* Britton see *Minuartia dawsonensis*]

[*Arenaria lateriflora* L. see *Moehringia lateriflora*]

[*Arenaria macrophylla* Hook. see *Moehringia macrophylla*]

Arenaria serpyllifolia L. var. *serpyllifolia* / thyme-leaf sandwort; three-leaf sandwort

native to Eurasia and Africa

[*Arenaria stricta* Michx. var. *litorea* (Fernald) B. Boivin see *Minuartia dawsonensis*]

Cerastium arvense L. / field mouse-ear chickweed; starry grasswort

subsp. *arvense* – native to western Europe; known only from Duluth area (one city park population, collected 1938)

subsp. *strictum* (Gaudin) W.D.J. Koch

Cerastium brachypodum (Engelm. ex Gray) B.L. Rob. / gray mouse-ear chickweed; short-stalk mouse-ear chickweed

Cerastium fontanum Baumg. subsp. *vulgare* (Hartm.) Greuter & Burdet / common mouse-ear chickweed
native to Europe

Cerastium nutans Raf. var. *nutans* / nodding mouse-ear chickweed

Cerastium velutinum Raf. var. *velutinum* / large field mouse-ear chickweed

reported for Minnesota by FNA but no specimens at MIN; known from Ontario, IA and MI

[*Cerastium vulgatum* L. – a rejected name, no longer considered valid because of numerous misapplications and confusion with typification; most of our specimens are *C. fontanum*]

Dianthus armeria L. subsp. *armeria* / Deptford pink

native to Eurasia

Dianthus barbatus L. subsp. *barbatus* / sweet william

native to Eurasia; doubtfully persisting

Dianthus deltoides L. subsp. *deltoides* / maiden pink

native to Europe; doubtfully persisting

Gypsophila elegans M. Bieb. / showy baby's breath

native to Eurasia; doubtfully persisting

Gypsophila muralis L. / cushion baby's breath; low baby's breath

native to Eurasia; doubtfully persisting

Gypsophila paniculata L. / common baby's breath; babysbreath gypsophila

native to Eurasia

[*Lychnis alba* Mill. see *Silene latifolia*]

[*Lychnis chalcedonica* L. see *Silene chalcedonica*]

[*Lychnis dioica* L. see *Silene dioica*]

Minuartia dawsonensis (Britton) House / rock sandwort; rock stitchwort
state Special Concern list

Minuartia michauxii (Fenzl) Farw. / Michaux's stitchwort; rock sandwort

to be expected along the southern border (known from SD, IA, WI and MI),

on calcareous gravel and ledges
Moehringia lateriflora (L.) Fenzl / blunt-leaf sandwort; grove sandwort
Moehringia macrophylla (Hook.) Fenzl / large-leaf sandwort; big-leaf sandwort
 state Threatened list
Myosoton aquaticum (L.) Moench / giant chickweed; water chickweed
 native to Eurasia
Paronychia canadensis (L.) A.W. Wood / Canadian forked chickweed; smooth forked nailwort
 state Threatened list; northwest limit of distribution
Paronychia fastigiata (Raf.) Fernald var. *fastigiata* / hairy forked chickweed; hairy forked nailwort
 state Endangered list, northwest limit of distribution; known only from
 Washington Co. (last collected 1981)
Petrorhagia saxifraga (L.) Link var. *saxifraga* / saxifrage-pink; tunic flower
 native to Eurasia; known only from St. Louis Co. (historical collections to 1940)
Sagina nodosa (L.) Fenzl subsp. *borealis* G.E. Crow / knotty pearlwort; knotted pearlwort
 state Endangered list; disjunct from arctic Canada
Sagina procumbens L. / bird's eye pearlwort; matted pearlwort
 native to Europe; known only from Duluth area (last collected 2003)
Saponaria officinalis L. / soapwort; bouncing bet
 native to Eurasia; plants used as a liquid soap but toxic as contain saponin
Scleranthus annuus L. subsp. *annuus* / knawel; German knotgrass
 native to Eurasia
Silene antirrhina L. / sleepy catchfly; sleepy silene
Silene armeria L. / garden catchfly; sweet william catchfly
 native to Europe
Silene chalcedonica (L.) E.H.L. Krause / Maltese cross; scarlet lychnis
 native to Asia; although perennial doubtfully persisting more than a few years
Silene csereii Baumg. / Balkan catchfly
 native to southeastern Europe
Silene dichotoma Ehrh. subsp. *dichotoma* / forking catchfly; dichotoma silene
 native to Europe
Silene dioica (L.) Clairville / red catchfly
 native to Europe
Silene drummondii Hook. subsp. *drummondii* / Drummond's campion
 state Special Concern list; eastern limit of distribution
Silene flos-cuculi (L.) Clairville subsp. *flos-cuculi* / ragged robin
 native to Europe; known only from Aitkin Co. (one old-field population, collected 2005)
Silene latifolia Poir. / white campion; bladder campion
 native to Eurasia; state DOA noxious (CN) weed, 1st collected 1878, Martin Co.
 subsp. not recognized for North America material
Silene nivea (Nutt.) Muhl. ex Otth / snowy campion; evening campion
 state Threatened list; northwest limit of distribution
Silene noctiflora L. / night-flowering catchfly; sticky cockle
 native to Europe; state DOA noxious weed, 1st collected 1878, Hennepin Co.
 [*Silene pratensis* (Raf.) Gren. & Godr. see *S. latifolia*]
Silene stellata (L.) W.T. Aiton / starry campion; widow's frill
 vars. not recognized
Silene vulgaris (Moench) Garck subsp. *vulgaris* / bladder campion; maiden's tears
 native to Europe
Spergula arvensis L. / corn spurry
 native to Eurasia
Spergularia rubra (L.) J. Presl & C. Presl / red sand spurry
 native to Eurasia
Spergularia salina J. Presl & C. Presl / salt-marsh sand-spurry
 to be expected as a widespread weed (known from nearly all states and provinces);
 native to Eurasia
Stellaria alsine Grimm / bog stitchwort; bog chickweed

native to eastern Canada, US

[*Stellaria aquatica* (L.) Scop. see *Myosoton aquaticum*]

Stellaria borealis Bigelow subsp. *borealis* / northern stitchwort; boreal starwort

frequently hybridizes with *S. longifolia*, though no hybrids reported for Minnesota

Stellaria crassifolia Ehrh. / fleshy stitchwort; thick-leaf starwort

Stellaria graminea L. / common stitchwort; grass-leaf starwort

native to Europe

Stellaria longifolia Muhl. ex Willd. / long-leaf chickweed; long-leaf starwort

frequently hybridizes with *S. borealis*, though no hybrids reported for Minnesota

Stellaria longipes Goldie subsp. *longipes* / long-stalk chickweed; long-stalk starwort

state Special Concern list

Stellaria media (L.) Vill. / common chickweed

native to Europe

Vaccaria hispanica (Mill.) Rauschert / cowherb; cow soapwort

native to Eurasia

[*Vaccaria pyramidata* Medik. see *V. hispanica*]

Celastraceae

Celastrus orbiculatus Thunb. / Asian bitterweet

native to Asia; known only from Hennepin Co. (one city-park population, collected 2002)

Celastrus scandens L. / American bitterweet; climbing bitterweet

fruit toxic, possibly other parts

Euonymus atropurpureus Jacq. / eastern wahoo; burning bush

bark, fruits, seeds poisonous

Ceratophyllaceae [fide FNA 1997, vol. 3]

Ceratophyllum demersum L. / coontail; hornwort

Ceratophyllum echinatum Gray / spiny coontail; spineless hornwort

Chenopodiaceae see Amaranthaceae

Cistaceae

Helianthemum bicknellii Fernald / hoary frostweed; hoary rockrose

Helianthemum canadense (L.) Michx. / common frostweed; long-branch frostweed

Hudsonia tomentosa Nutt. / woolly beach-heather; sand golden-heather

state Special Concern list

Lechea intermedia Legg. ex Britton / large-pod pinweed

Lechea stricta Legg. ex Britton / prairie pinweed

Lechea tenuifolia Michx. var. *tenuifolia* / narrow-leaf pinweed

state Endangered list

Clusiaceae

[*Hypericum* see Hypericaceae]

Triadenum fraseri (Spach) Gleason / Fraser's marsh St. John's-wort; bog St. John's-wort

Colchicaceae [fide FNA 2002, vol. 26]

Clintonia borealis (Aiton) Raf. / yellow clintonia; blue bead-lily

Uvularia grandiflora Sm. / large-flower bellwort; merrybells

Uvularia sessilifolia L. / small-flower bellwort; strawlily

Commelinaceae [fide FNA 2000, vol. 22]

Commelina communis L. / Asiatic dayflower; common dayflower

native to Asia

Commelina erecta L. / erect dayflower; white-mouth dayflower

known only from Wabasha Co. (last collected 1996)

Tradescantia bracteata Small ex Britton / sticky spiderwort; longbract spiderwort

Tradescantia occidentalis (Britton) Smyth var. *occidentalis* / prairie spiderwort
Tradescantia ohiensis Raf. / smooth spiderwort; bluejacket

Convolvulaceae

Calystegia sepium (L.) R. Br. / hedge false bindweed
Calystegia spithamea (L.) Pursh / low false bindweed
Convolvulus arvensis L. / field bindweed
native to Europe; state DOA noxious weed, 1st collected 1902, Jackson Co.
[*Convolvulus sepium* L. see *Calystegia sepium*]
[*Convolvulus spithameus* L. see *Calystegia spithamea*]
[*Cuscuta campestris* Yunck. see *C. pentagona*]
Cuscuta – most species listed as federal noxious weeds
Cuscuta cephalanthi Engelm. / buttonbush dodder
Cuscuta coryli Engelm. / hazel dodder
Cuscuta glomerata Choisy / rope dodder
Cuscuta gronovii Willd. ex Roem. & Schult. / common dodder; scaldweed
Cuscuta indecora Choisy / collared dodder; big-seed alfalfa dodder
known only from Clay Co. (one pasture population, collected 1995)
Cuscuta megalocarpa Rydb. / big-fruit dodder
known only from St. Louis Co. (one lake-side population, collected 1951)
Cuscuta obtusiflora Kunth var. *glandulosa* Engelm. / Peruvian dodder; southern dodder
mostly found in the southern US southward; known only from Winona Co. (historical collection 1897)
Cuscuta pentagona Engelm. / bush-clover dodder; five-angle dodder
Cuscuta polygonorum Engelm. / smartweed dodder
[*Cuscuta umbrosa* Hook. see *C. gronovii*]
Ipomoea hederacea Jacq. / ivy-leaf morning glory
native to warm temperate Americas; known only from Winona Co. (historical collection 1886)
Ipomoea purpurea Roth / common morning glory; tall morning glory
native to tropical America; occasionally escaping from cultivation but unlikely to
be persisting

Cornaceae

Cornus alternifolia L.f. / pagoda dogwood; alternate-leaf dogwood
Cornus amomum Mill. var. *schuetzeana* (C.A. Mey.) Rickett / silky dogwood; knob-style dogwood
Cornus canadensis L. / bunchberry; Canada dogwood
[*Cornus foemina* Mill. see *C. racemosa*]
[*Cornus obliqua* Raf. see *C. amomum* var. *schuetzeana*]
Cornus racemosa Lam. / gray dogwood; panicked dogwood
Cornus rugosa Lam. / round-leaf dogwood
Cornus sericea L. / red-osier dogwood
[*Cornus stolonifera* Michx. see *C. sericea*]

Crassulaceae

Crassula aquatica (L.) Schönl. / water pygmyweed
state Threatened list
[*Hylotelephium telephioides* (Michx.) H. Ohba. see *Sedum telephioides*]
[*Hylotelephium telephium* (L.) H. Ohba. see *Sedum purpureum*]
[*Phedimus aizoon* (L.) 't Hart see *Sedum kamtschaticum*]
[*Phedimus spurium* (M. von Bieberstein) 't Hart see *Sedum spurium*]
[*Rhodiola integrifolia* Raf. subsp. *leedyi* (Rosend. & Moore) Kartesz ined. see *Sedum rosea* var. *integrifolium*]
Sedum acre L. / golden carpet; goldmoss stonecrop
native to Eurasia
Sedum aizoon L. / aizoon stonecrop
native to northern Asia and rarely escapes from cultivation; known only from St. Louis Co.;
only known specimen at DUL

[*Sedum integrifolium* (Raf.) A. Nels. subsp. *leedyi* (Rosend. & Moore) Clausen see *S. rosea*]

Sedum kamtschaticum Fisch. & C.A. Mey. / orange stonecrop

native to eastern Asia

Sedum purpureum (L.) J.A. Schultes / live-forever; witch's moneybags

native to Europe

Sedum reflexum L. / Jenny's stonecrop

native to Europe; known only from Duluth area (collected 2001)

Sedum rosea (L.) Scop. var. *integrifolium* (Raf.) Berger / Leedy's roseroot; ledge stonecrop

federal Threatened list / state Endangered list; disjunct from western North America; according to Gleason & Cronquist (1991) this includes subsp. *leedyi* (Rosend. & Moore) Clausen

Sedum spurium Bieb. / two-row stonecrop

native to the Caucasus Mountains; known only from Duluth area (collected 2001)

Sedum telephioides Michx. / Alleghany stonecrop

disjunct from IL and IN; known only from Lake Co. (one Lake Superior island population, collected 1999)

[*Tillaea aquatica* L. see *Crassula aquatica*]

Cucurbitaceae

Echinocystis lobata (Michx.) Torr. & Gray / wild cucumber; balsam-apple

Sicyos angulatus L. / one-seed burr cucumber

Cuscutaceae see Convolvulaceae

Cyperaceae [fide FNA 2002, vol. 23]

Bolboschoenus fluviatilis (Torr.) Soják / river bulrush

Bolboschoenus maritimus (L.) Palla subsp. *paludosus* (A. Nels.) T. Koyama / alkali bulrush; cosmopolitan bulrush

Bulbostylis capillaris (L.) C.B. Clarke / densetuft hair sedge; three-leaf beakseed

vars. not recognized

[*Carex abdita* E.P. Bicknell see *C. umbellata*]

Carex adusta Boott / brown oval sedge; lesser brown sedge

[*Carex aenea* Fernald see *C. foenea*]

Carex aggregata Mack. / glomerate sedge

reported for Minnesota by FNA but no specimens at MIN; known from IA, SD, WI

Carex albicans Willd. ex Spreng. / oak sedge; white-tinged sedge

to be expected in the southeastern corner (known from IA, WI), in open forests on dry acidic soils over sandstone and granite or calcareous soils

Carex albursina E. Sheld. / white bear sedge; bluntscale sedge

Carex alopecoidea Tuck. / foxtail sedge; brown-head fox sedge

[*Carex amphibola* Steud. var. *turgida* Fernald see *C. grisea*]

[*Carex angustior* Mack. see *C. echinata*]

Carex annectans (E.P. Bicknell) E.P. Bicknell / yellow-fruit sedge

state Special Concern list

Carex aquatilis Wahlenb. / water sedge; long-bract tussock sedge

[var. *altior* (L.H. Bailey) Rydb. – misapplied to our flora and easily confused with *C. emoryi*]

var. *aquatilis* – known only from the North Shore (fide G. Wheeler)

var. *substricta* Kük

Carex arcta Boott / bear sedge; northern clustered sedge

Carex arctata Boott / drooping woodland sedge

Carex assiniboinensis W. Boott / Assiniboia sedge

Carex atherodes Spreng. / slough sedge; wheat sedge

Carex aurea Nutt. / golden sedge; elk sedge

Gleason & Cronquist (1991) included *C. garberi* in this taxon

Carex backii W. Boott / Back's sedge

Gleason & Cronquist (1991) included *C. saximontana* in this taxon

Carex bebbii (L.H. Bailey) Olnay ex Fernald / Bebb's sedge

Carex bicknellii Britton / Bicknell's sedge

Carex blanda Dewey / common wood sedge; eastern woodland sedge
 [*Carex brachyglossa* Mack. see *C. annectens*]
Carex brevior (Dewey) Mack. ex Lunell / shortbeak sedge; Plains oval sedge
 Gleason & Cronquist (1991) included *C. merritt-fernaldii* and *C. molesta* in this taxon
Carex bromoides Schkuhr ex Willd. subsp. *bromoides* / bromelike sedge
Carex brunnescens (Pers.) Poir. / green bog sedge; brownish sedge
 subsp. *brunnescens*
 subsp. *sphaerostachya* (Tuck.) Kalela
Carex bushii Mack. / Bush's sedge; long-scale green sedge
 known only from Ramsey Co. (one population from a "storm water wetland", collected 1995)
Carex buxbaumii Wahlenb. / Buxbaum's sedge
Carex canescens L. / silvery sedge; gray bog sedge
 subsp. *canescens*
 subsp. *disjuncta* (Fernald) Toivonen
 [var. *subloliacea* Laestad. see subsp. *canescens* for Minnesota plants]
Carex capillaris L. / hairlike sedge
 vars. not recognized
Carex careyana Torr. ex Dewey / Carey's sedge
 state Threatened list; northwest limit of distribution
Carex castanea Wahlenb. / chestnut sedge; chestnut woodland sedge
 [*Carex cephalantha* (L.H. Bailey) E.P. Bicknell see *C. echinata*]
Carex cephaloidea (Dewey) Dewey / clustered bracted sedge; thinleaf sedge
Carex cephalophora Muhl. ex Willd. / woodbank sedge; oval-leaf sedge
Carex chordorrhiza Ehrh. ex L.f. / cordroot sedge; creeping sedge
Carex communis L.H. Bailey var. *communis* / colonial oak sedge; fibrous-rooted sedge
Carex comosa Boott / bristly sedge; long-hair sedge
Carex conjuncta Boott / jointed sedge; soft fox sedge
 state Threatened list, disjunct from southern IA and IL; known only
 from Rice Co. (last collected 1980) and restored wetland in Ramsey Co. (collected 1998)
Carex conoidea Willd. / open field sedge; prairie gray sedge
 this includes *C. katahdinensis*, which was on the state Threatened list
 [*Carex convoluta* Mack. see *C. rosea*]
Carex crawei Dewey / Crawe's sedge; early fen sedge
Carex crawfordii Fernald / Crawford's sedge; Crawford's oval sedge
Carex crinita Lam. var. *crinita* / fringed sedge
Carex cristatella Britton / crested sedge
Carex crus-corvi Shuttlew. / raven's-foot sedge
 state Special Concern list; known only from Goodhue Co. (historical collection 1885)
Carex cryptolepis Mack. / small yellow sedge; northeastern sedge
 Gleason & Cronquist (1991) included *C. flava* var. *fertilis* in this taxon
Carex davisii Schwein. & Torr. / Davis' sedge
 state Threatened list; northwest limit of distribution
Carex debilis Michx. var. *rudgei* L.H. Bailey / white-edge sedge; weak sedge
Carex deflexa Hornem. var. *deflexa* / northern oak sedge; northern sedge
Carex deweyana Schwein. var. *deweyana* / Dewey's sedge
Carex diandra Schrank / bog paniced sedge; lesser paniced sedge
 [*Carex dioica* L. var. *gynocrates* (Wormsk. ex Drejer) Ostenf. see *C. gynocrates*]
Carex disperma Dewey / two-seed bog sedge; soft-leaf sedge
Carex duriuscula C.A. Mey. / hard sedge; needleleaf sedge
Carex eburnea Boott / bristle leaf sedge
Carex echinata Murray subsp. *echinata* / star sedge
 [*Carex eleocharis* L.H. Bailey see *C. duriuscula*]
Carex emoryi Dewey / Emory's sedge
Carex exilis Dewey / coastal sedge
 state Special Concern list
Carex festucacea Schkuhr ex Willd. / fescue sedge

state Threatened list, northwest limit of distribution; known only from Jackson Co.
(one population, collected 1982)

Carex filifolia Nutt. var. *filifolia* / filiform sedge; thread-leaf sedge

Carex flava L. / yellow sedge; large yellow sedge
state Special Concern list

[*Carex foenea* Willd. (of Ownbey & Morley 1991) see *C. siccata*]

Carex foenea Willd. (of Gleason & Cronquist) / bronze-headed sedge; dry-spike sedge

Carex formosa Dewey / handsome sedge
state Endangered list

Carex garberi Fernald / elk sedge; Garber's sedge
state Threatened list

[*Carex gracilescens* Steud. see *C. ormostachya* for Minnesota plants]

Carex gracillima Schwein. / graceful sedge; purple-sheathed graceful sedge

Carex granularis Muhl. ex Willd. / limestone meadow sedge
vars. not recognized

Carex gravida L.H. Bailey / heavy sedge; long-awned bracted sedge

Carex grayi J. Carey / Gray's sedge; bur sedge

Carex grisea Wahlenb. / gray sedge; eastern narrow-leaf sedge

Carex gynandra Schwein. / nodding sedge

Carex gynocrates Wormsk. ex Drejer / northern bog sedge

Carex hallii Olney / Hall's sedge; deer sedge
state Special Concern list

Carex haydenii Dewey / Hayden's sedge; long-scale tussock sedge

[*Carex heliophila* Mack. see *C. inops* subsp. *heliophila*]

Carex hirtifolia Mack. / hairy sedge; hairy wood sedge

Carex hitchcockiana Dewey / Hitchcock's sedge; hairy wood sedge

Carex hookerana Dewey / Hooker's sedge
range extension from northern Great Plains; known only from Becker Co. (one farm-road
population, collected 2005)

Carex houghtoniana Torr. ex Dewey / Houghton's sedge

Carex hystericina Muhl. ex Willd. / bottlebrush sedge; porcupine sedge

Carex inops L.H. Bailey subsp. *heliophila* (Mack.) Crins / sun sedge; long-stolon sedge

Carex interior L.H. Bailey / inland sedge; inland star sedge

Carex intumescens Rudge / greater bladder sedge; swollen sedge

Carex jamesii Schwein. / James' sedge; grass sedge
state Threatened list; northwest limit of distribution

[*Carex katahdinensis* Fernald see *C. conoidea*]

Carex lacustris Willd. / common lake sedge; hairy sedge

Carex laeviconica Dewey / smooth-cone sedge; hairy long-tooth sedge

Carex laevivaginata (Kük) Mack. / smooth-sheath sedge
state Threatened list; northwest limit of distribution

[*Carex lanuginosa* Michx. see *C. pellita* for Minnesota plants]

Carex lasiocarpa Ehrh. subsp. *americana* (Fernald) D. Löve & Bernard / American woolly-fruit sedge

Carex laxiculmis Schwein. var. *copulata* (L.H. Bailey) Fernald / spreading sedge
state Threatened list; northwest limit of distribution

Carex lenticularis Michx. var. *lenticularis* / lenticular sedge; lakeshore sedge

Carex leptalea Wahlenb. / bristle-stalk sedge

Carex leptonevia (Fernald) Fernald / nerveless woodland sedge; few-nerved woodland sedge

Carex limosa L. / mud sedge; muck sedge

Carex livida (Wahlenb.) Willd. / pale stiff sedge; livid sedge

Carex lucorum Willd. ex Link var. *lucorum* / Blue Ridge sedge

Carex lupulina Willd. / hop sedge

Carex lurida Wahlenb. / shallow sedge
known only from Mille Lacs Co.; only known specimen deposited at NY

Carex magellanica Lam. subsp. *irrigua* (Wahlenb.) Hultén / boreal bog sedge

Carex meadii Dewey / Mead's sedge

Carex media R. Br. / intermediate sedge
Carex merritt-fernaldii Mack. / Fernald's oval sedge; Fernald's sedge
Carex michauxiana Boeck. / Michaux' sedge
state Special Concern list
Carex molesta Mack. ex Bright / field oval sedge; troublesome sedge
Carex muehlenbergii Schkuhr ex Willd. / Muehlenberg's sedge; sand bracted sedge
var. *enervis* Boott
var. *muehlenbergii*
Carex muskingumensis Schwein. / Muskingum sedge; swamp oval sedge
Carex normalis Mack. / greater straw sedge; spreading oval sedge
[*Carex norvegica* Retz. see *C. media* for Minnesota plants]
Carex novae-angliae Schwein. / New England sedge
range extension from WI; known only from Lake County (last collected 2006)
Carex obtusata Lilj. / blunt sedge; obtuse sedge
state Special Concern list
Carex oligocarpa Willd. / few-fruit gray sedge; rich woods sedge
Carex oligosperma Michx. / few-seed sedge; few-seed hop sedge
Carex ormostachya Wiegand / necklace spike sedge
Carex pallescens L. / pale sedge; pale green sedge
state Endangered list; western limit of distribution
[*Carex parryana* Dewey see *C. hallii* for Minnesota plants]
Carex pauciflora Lightf. / few-flowered sedge; few-flowered bog sedge
[*Carex paupercula* Michx. see *C. magellanica*]
Carex peckii Howe / Peck's sedge
Carex pedunculata Muhl. ex Willd. / longstalk sedge
Carex pellita Willd. / brown-leaf woolly sedge; woolly sedge
Gleason & Cronquist (1991) included *C. lanuginosa* in this taxon
Carex pennsylvanica Lam. / Pennsylvania sedge
[*var. digyna* Boeck. see *C. inops* subsp. *heliophila*]
[*var. distans* Peck see *C. lucorum*]
Carex plantaginea Lam. / plantain-leaf sedge
state Endangered list; western limit of distribution
Carex praegracilis W. Boott / freeway sedge; clustered field sedge
Carex prairea Dewey / prairie sedge
Carex praticola Rydb. / prairie sedge; meadow sedge
state Special Concern list
Carex projecta Mack. / necklace sedge
Carex pseudocyperus L. / false cypress sedge; cypress-like sedge
Carex radiata (Wahlenb.) Small / eastern star sedge
Carex retrorsa Schwein. / retrorse sedge; knotsheath sedge
Carex richardsonii R. Br. / Richardson's sedge; prairie hummock sedge
Carex rosea Schkuhr ex Willd. / rosy sedge; curly-style wood sedge
Carex rossii Boott / Ross's sedge
Carex rostrata Dewey / beaked sedge; northern yellow lake sedge
most of our specimens identified as *C. rostrata* in the past are actually *C. utriculata*
[*Carex rugosperma* Mack. see *C. tonsa*]
Carex sartwellii Dewey / Sartwell's sedge; running marsh sedge
Carex saximontana Mack. / Rocky Mountain sedge
[*Carex scirpiformis* Mack. see *C. scirpoidea*]
Carex scirpoidea Michx. subsp. *scirpoidea* / northern single-spike sedge
state Special Concern list
Carex scoparia Schkuhr ex Willd. var. *scoparia* / broom sedge; lance-fruit sedge
Carex siccata Dewey / hay sedge; hillside sedge
Carex sparganioides Muhl. ex Willd. / bur-reed sedge
[*var. aggregata* (Mack.) Gleason see *C. aggregata*]
[*var. cephaloidea* (Dewey) J. Carey see *C. cephaloidea*]

Carex sprengelii Dewey ex Spreng. / Sprengel's sedge; long-beak sedge
Carex squarrosa L. / spreading-bract sedge; squarrose sedge
 [*Carex stenophylla* Wahlenb. misapplied to our flora, see *C. duriuscula*]
Carex sterilis Willd. / sterile sedge; dioecious sedge
 state Threatened list
Carex stipata Muhl. ex Willd. var. *stipata* / common fox sedge; owl-fruit sedge
Carex stricta Lam. / common tussock sedge; upright sedge
Carex suberecta (Olney) Britton / prairie straw sedge
 reported for Minnesota by FNA but no specimens at MIN; known from IA, WI
Carex supina Willd. subsp. *spaniocarpa* (Steud.) Hultén / weak arctic sedge
 state Special Concern list, southern limit of distribution; known only from
 Cook Co. (one cliffside population, collected 1936)
Carex sychnocephala J. Carey / many-head sedge
Carex tenera Dewey / quill sedge; marsh straw sedge
 var. *echinodes* (Fernald) Wiegand
 [var. *suberecta* Olney see *C. suberecta*]
 var. *tenera*
Carex tenuiflora Wahlenb. / small-head bog sedge; sparse-flowered sedge
Carex tetanica Schkuhr / stiff sedge; rigid sedge
Carex tonsa (Fernald) E.P. Bicknell / shaved sedge
 var. *rugosperma* (Mack.) Crins / parachute sedge
 var. *tonsa* – range extension from WI; known only from Lake Co. (collected 2003)
Carex torreyi Tuck. / Torrey's sedge
Carex tribuloides Wahlenb. var. *tribuloides* / blunt broom sedge
Carex trichocarpa Willd. / hairy-fruit sedge
Carex trisperma Dewey / three-seed bog sedge; three-seed sedge
Carex tuckermanii Dewey / Tuckerman's sedge
Carex typhina Michx. / cattail sedge
 state Special Concern list
Carex umbellata Schkuhr ex Willd. / early oak sedge; parasol sedge
 Gleason & Cronquist (1991) included *C. tonsa* in this taxon
Carex utriculata Boott / common yellow sedge; Northwest Territories sedge
Carex vaginata Tauscher / sheathed sedge
Carex vesicaria L. / blister sedge; tufted lake sedge
Carex viridula Michx. var. *viridula* / green yellow sedge; little green sedge
Carex vulpinoidea Michx. / fox sedge; yellowfruit sedge
 [var. *ambigua* Barratt ex Boott see *C. annectens*]
Carex woodii Dewey / Wood's sedge; pretty sedge
 state Special Concern list
Carex xerantica L.H. Bailey / dry sedge; white-scale sedge
 state Special Concern list
Cladium mariscoides (Muhl.) Torr. / twig-rush; smooth sawgrass
 state Special Concern list
Cyperus acuminatus Torr. & Hook. / short-point umbrella-sedge; taper-tip flatsedge
 state Threatened list
 [*Cyperus aristatus* Rottb. see *C. squarrosus*]
Cyperus bipartitus Torr. / brook nutsedge; slender flatsedge
Cyperus diandrus Torr. / umbrella flatsedge
 [*Cyperus engelmannii* Steud. see *C. odoratus*]
Cyperus erythrorhizos Muhl. / redroot flatsedge
Cyperus esculentus L. var. *leptostachyus* Boeck. / yellow nutgrass; chuffa flatsedge
 native to tropical & subtropical regions but persisting; state DOA noxious (CN) weed, 1st collected
 1887, Winona Co.
 [*Cyperus filiculmis* Vahl see *C. lupulinus*]
Cyperus houghtonii Torr. / Houghton's flatsedge
Cyperus lupulinus (Spreng.) Marcks / Great Plains flatsedge

subsp. *lupulinus*
 subsp. *macilentus* (Fernald) Marcks
Cyperus xmesochorus Geise (*C. lupulinus* x *schweinitzii*) / Midland sand sedge
Cyperus odoratus L. / fragrant nutsedge; fragrant flatsedge
 [*Cyperus rivularis* Kunth see *C. bipartitus*]
Cyperus rotundus L. / purple nutsedge
 native to subtropical regions; known only from Stearns Co. (historical collection 1896)
Cyperus schweinitzii Torr. / Schweinitz's flatsedge
Cyperus squarrosus L. / awned flatsedge; bearded flatsedge
Cyperus strigosus L. / false nutsedge; straw-colored flatsedge
Dulichium arundinaceum L. var. *arundinaceum* / threeway sedge
Eleocharis acicularis (L.) Roem. & Schult. / needle spikerush
 [*Eleocharis calva* Torr. see *E. erythropoda*]
Eleocharis coloradoensis (Britton) Gilly / dwarf spikerush
 state Special Concern list (last collected 1939)
Eleocharis compressa Sull. / flatstem spikerush
 var. *acutisquamata* (Buckley) S.G. Smith
 var. *compressa*
Eleocharis elliptica Kunth / elliptic spikerush
Eleocharis engelmannii Steud. / Engelmann's spikerush
Eleocharis erythropoda Steud. / bald spikerush
Eleocharis flavescens (Poir.) Urban var. *olivacea* (Torr.) Gleason / yellow spikerush; olivaceous spikerush
 state Threatened list; northwest limit of distribution
Eleocharis intermedia (Muhl.) Schult. / matted spikerush
Eleocharis macrostachya Britton / large-spike spikerush
Eleocharis mamillata (H. Lindb.) H. Lindb. subsp. *mamillata* / pale spikerush
 reported for Minnesota by FNA but no specimens at MIN; known from Canada and WI;
 often mistaken for *E. macrostachya* or *E. palustris*
Eleocharis nitida Fernald / neat spikerush; quill spikerush
 state Threatened list
Eleocharis obtusa (Willd.) Schult. / blunt spikerush
 [*Eleocharis olivacea* Torr. see *E. flavescens* var. *olivacea*]
Eleocharis ovata (Roth) Roem. & Schult. / ovoid spikerush; ovate spikerush
 Gleason & Cronquist (1991) included *E. engelmannii* and *E. obtusa* in this taxon
Eleocharis palustris (L.) Roem. & Schult. / marsh spikerush; common spikerush
 Gleason & Cronquist (1991) included *E. erythropoda*, *E. macrostachya*,
 and *E. mamillata* in this taxon
 [*Eleocharis parvula* (Roem. & Schult.) Link ex Bluff, Nees & Shaver var. *anachaeta*
 (Torr.) Svenson see *E. coloradoensis*]
 [*Eleocharis pauciflora* (Lightf.) Link see *E. quinqueflora*]
Eleocharis quinqueflora (Hartmann) Schwarz / few-flowered spikerush
 state Special Concern list
Eleocharis robbinsii Oakes / Robbin's spikerush
 range extension from WI
Eleocharis rostellata (Torr.) Torr. / beaked spikerush
 state Threatened list
 [*Eleocharis smallii* Britton see *E. palustris*]
 [*Eleocharis tenuis* (Willd.) Schult. var. *borealis* (Svenson) Gleason see *E. elliptica*]
Eleocharis tenuis (Willd.) Schult. var. *verrucosa* (Svenson) Svenson / slender spikerush
 to be expected in southern Minnesota (known from SD, IA, WI) in calcareous type habitats
Eleocharis wolfii (Gray) Gray ex Britton / Wolf's spikerush
 state Endangered list
Eriophorum angustifolium Honck. subsp. *angustifolium* / thin-scale cottongrass; tall cottongrass
Eriophorum chamissonis C.A. Mey. / rusty cottongrass; Chamisso's cottongrass
 this is part of the circumboreal *E. chamissonis-scheuchzeri* complex; in the strict sense
 (see J. Cayouette, DAO, 2004) this taxon is restricted to AK and BC and ours would

then be called *E. russeolum* subsp. *leiocarpum*
Eriophorum gracile W.D.J. Koch ex Roth / slender cottongrass
 [*Eriophorum polystachion* L. see *E. angustifolium*]
 [*Eriophorum russeolum* Fr. see *E. chamissonis*]
 [*Eriophorum spissum* Fernald see *E. vaginatum*]
Eriophorum tenellum Nutt. / conifer cottongrass; few-nerved cottongrass
Eriophorum vaginatum L. / tussock cottongrass
 vars. not recognized
Eriophorum virginicum L. / tawny cottongrass
Eriophorum viridicarinatum (Engelm.) Fernald / dark-scale cottongrass; thin-leaf cottonsedge
Fimbristylis autumnalis (L.) Roem. & Schult. / autumn fimbristylis; slender fimbry
 state Special Concern list
Fimbristylis puberula (Michx.) Vahl var. *interior* (Britton) Kraul / hairy fimbristylis; hairy fimbry
 state Endangered list; disjunct from NE, IL, MI
 [*Hemicarpha micrantha* (Vahl) Pax see *Lipocarpa micrantha*]
Lipocarpa aristulata (Coville) G.C. Tucker / awned hemicarpha; awned halfchaff sedge
 reported for Minnesota by FNA but no specimens at MIN; known from NE, west- and southward
Lipocarpa micrantha (Vahl) G.C. Tucker / small-flower hemicarpha; small-flower halfchaff sedge
Rhynchospora alba (L.) Vahl / white beakrush; white beaksedge
Rhynchospora capillacea Torr. / hair-like beakrush; needle beaksedge
 state Threatened list
Rhynchospora capitellata (Michx.) Vahl / small-head beakrush; brownish beaksedge
 reported for Minnesota by FNA but no specimens at MIN; known from WI
Rhynchospora fusca (L.) W.T. Aiton / sooty-colored beakrush; brown beaksedge
 state Special Concern list
Schoenoplectus acutus (Muhl. ex Bigelow) A. Löve & D. Löve var. *acutus* / hard-stem bulrush
Schoenoplectus heterochaetus (Chase) Soják / slender bulrush
Schoenoplectus xoblongus (T. Koyama) Soják (*S. acutus* x *heterochaetus*) / bulrush
Schoenoplectus pungens (Vahl) Palla / three-square bulrush; common threesquare
Schoenoplectus purshianus (Fernald) M.T. Strong var. *purshianus* / weak-stalk bulrush; weak-stalk clubrush
Schoenoplectus smithii (Gray) Soják / blunt-scale bulrush; Smith's bulrush
 var. *setosus* (Fernald) S.G. Sm.
 var. *smithii*
Schoenoplectus subterminalis (Torr.) Soják / water bulrush; swaying bulrush
Schoenoplectus tabernaemontani (C.C. Gmel.) Palla / soft-stem bulrush; psa (Dakota)
Schoenoplectus torreyi (Olney) Palla / Torrey's bulrush
 [*Scirpus acutus* Muhl. ex Bigelow see *Schoenoplectus acutus*]
 [*Scirpus americanus* Pers. see *Schoenoplectus pungens* for Minnesota plants]
Scirpus atrocinctus Fernald / black-girdle woolgrass; black-girdle bulrush
 also hybridizes with *S. cyperinus* and *S. pedicellatus*
Scirpus atrovirens Willd. / black bulrush; green bulrush
 Gleason & Cronquist (1991) included *S. georgianus*, *S. hattorianus*, and *S. pallidus* in this taxon;
 also hybridizes with *S. pallidus*
 [*Scirpus cespitosus* L. see *Trichophorum cespitosum*]
 [*Scirpus clintonii* Gray see *Trichophorum clintonii*]
Scirpus cyperinus (L.) Kunth / woolgrass; cottongrass bulrush
 Gleason & Cronquist (1991) included *S. atrocinctus* and *S. pedicellatus* in this taxon;
 also hybridizes with *S. pedicellatus*
 [*Scirpus fluviatilis* (Torr.) Gray see *Bolboschoenus fluviatilis*]
Scirpus georgianus R.M. Harper / Georgia bulrush; bristleless darkgreen bulrush
 known only from Chisago Co. (one road-ditch population collected 1973)
Scirpus hattorianus Makino / mosquito bulrush; early darkgreen bulrush
 [*Scirpus heterochaetus* Chase see *Schoenoplectus heterochaetus*]
 [*Scirpus hudsonianus* (Michx.) Fernald see *Trichophorum alpinum*]
 [*Scirpus maritimus* L. var. *paludosus* (A. Nels.) Kük. see *Bolboschoenus maritimus* subsp. *paludosus*]
Scirpus microcarpus J. Presl & C. Presl / panicle bulrush

Scirpus pallidus (Britton) Fernald / pale bulrush; cloked bulrush
[*Scirpus paludosus* A. Nels. see *Bolboscheonus maritimus* subsp. *paludosus*]
Scirpus pedicellatus Fernald / stalked woolgrass; stalked bulrush
Scirpus pendulus Muhl. / rufous bulrush; cloked bulrush
[*Scirpus pungens* Vahl see *Schoenoplectus pungens*]
[*Scirpus purshianus* Fernald see *Schoenoplectus purshianus*]
[*Scirpus smithii* Gray see *Schoenoplectus smithii*]
[*Scirpus subterminalis* Torr. see *Schoenoplectus subterminalis*]
[*Scirpus tabernaemontani* C.C. Gmel. see *Schoenoplectus tabernaemontani*]
[*Scirpus torreyi* Olney see *Schoenoplectus torreyi*]
[*Scirpus validus* Vahl see *Schoenoplectus tabernaemontani*]
Scleria triglomerata Michx. / whip nutrush; tall nutrush
state Endangered list; northwest limit of distribution
Scleria verticillata Muhl. ex Willd. / whorled nutrush; low nutrush
state Threatened list; northwest limit of distribution
Trichophorum alpinum (L.) Pers. / alpine bulrush
Trichophorum cespitosum (L.) Schur / tufted bulrush
Trichophorum clintonii (Gray) S.G. Sm. / Clinton's bulrush
state Special Concern list

D

Dioscoreaceae

Dioscorea villosa L. / wild yam; colic root

Diervillaceae

Diervilla lonicera Mill. / northern bush honeysuckle

Dipsacaceae

Dipsacus laciniatus L. / teasel

native to Europe

Knautia arvensis (L.) Coult. / bluebuttons; field scabiosa

native to Europe

Droseraceae

Drosera anglica Huds. / English sundew

state Special Concern list

Drosera intermedia Hayne / spatulate-leaf sundew; spoon-leaf sundew

Drosera linearis Goldie / linear-leaf sundew; slender-leaf sundew

state Special Concern list

Drosera xobovata Mert. & Koch (*D. anglica* x *rotundifolia*) / sundew

disjunct from Pacific Northwest; known only from Beltrami Co. peatland (collected 1978)

Drosera rotundifolia L. / roundleaf sundew

E

Elaeagnaceae

Elaeagnus angustifolia L. / Russian-olive

native to Eurasia

Elaeagnus commutata Bernh. ex Rydb. / American silverberry

Shepherdia argentea (Pursh) Nutt. / silver buffaloberry

Shepherdia canadensis (L.) Nutt. / soapberry; russet buffaloberry

Elatinaceae

Elatine minima (Nutt.) Fisch. & C.A. Mey. / small waterwort

Elatine triandra Schkuhr / three-stamen waterwort

Empetraceae see Ericaceae

Ericaceae

- Andromeda glaucophylla* Link / bog-rosemary
[*Andromeda polifolia* L. see *A. glaucophylla*]
Arctostaphylos uva-ursi (L.) Spreng. / bearberry; kinnikinnick
leaves contain toxic compounds
Chamaedaphne calyculata (L.) Moench / leatherleaf
Chimaphila umbellata Nutt. var. *cisatlantica* S.F. Blake / pipsissewa; prince's-pine
leaves contain toxic compounds
[*Empetrum atropurpureum* Fernald & Wiegand see *E. rubrum* var. *atropurpureum*]
[*Empetrum eamesii* Fernald & Wiegand see *E. rubrum* var. *atropurpureum*]
Empetrum nigrum L. var. *hermaphroditum* (Lq.) T.J. Sórenson / black crowberry
state Endangered list; known only from Cook Co. (last collected in 1929)
Empetrum rubrum Vahl ex Willd. var. *atropurpureum* (Fernald & Wiegand) R.D. Good / purple crowberry
state Endangered list, disjunct from eastern Canada; known only from Cook Co.
(last collected 1980)
Epigaea repens L. / trailing arbutus
leaves contain toxic compounds
Gaultheria hispidula (L.) Muhl. ex Bigelow / creeping-snowberry
Gaultheria procumbens L. / wintergreen; checkerberry
leaves contain toxic compounds
Gaylussacia baccata (Wangenh.) K. Koch / black huckleberry
Kalmia polifolia Wangenh. / bog-laurel
Ledum groenlandicum Oeder / rusty Labrador-tea
Moneses uniflora (L.) Gray / one-flowered pyrola; single delight
Monotropa hypopithys L. / pinesap; many-flowered Indian pipe
Monotropa uniflora L. / one-flowered Indian pipe
[*Orthilia secunda* (L.) House see *Pyrola secunda*]
[*Pyrola americana* Sweet see *P. rotundifolia*]
Pyrola asarifolia Michx. / pink wintergreen; pink pyrola
Pyrola chlorantha Sw. / green-flowered wintergreen; green pyrola
Pyrola elliptica Nutt. / wax-flower shinleaf
Pyrola minor L. / small shinleaf; snowline wintergreen
state Special Concern list
Pyrola rotundifolia L. var. *americana* (Sweet) R.T. Clausen / round-leaf pyrola; American wintergreen
leaves contain toxic compounds
Pyrola secunda L. / one-sided pyrola; sidebells wintergreen
[*Rhododendron groenlandicum* (Oeder) K.A. Kron & W.S. Judd see *Ledum groenlandicum*]
Vaccinium angustifolium Aiton / late lowbush blueberry
Vaccinium cespitosum Michx. / dwarf blueberry; dwarf huckleberry
Vaccinium macrocarpon Aiton / large cranberry; American cranberry
Vaccinium myrtilloides Michx. / velvet-leaf blueberry
Vaccinium oxycoccos L. / small cranberry
Vaccinium uliginosum L. var. *alpinum* Bigelow / alpine blueberry; alpine bilberry
state Threatened list; known only from Cook Co. (last collected 2002)
Vaccinium vitis-idaea L. / lingonberry; mountain cranberry

Eriocaulaceae [fide FNA 2000, vol. 22]

- Eriocaulon aquaticum* (Hill) Druce / seven-angle pipewort
[*Eriocaulon septangulare* With. see *E. aquaticum*]

Euphorbiaceae

- All members of this family are moderately toxic to grazing animals
Acalypha rhomboidea Raf. / three-seed mercury; diamond copperleaf
[*Chamaesyce geyeri* (Engelm.) Small see *Euphorbia geyeri*]

[*Chamaesyce glyptosperma* (Engelm.) Small see *Euphorbia glyptosperma*]
 [*Chamaesyce maculata* (L.) Small see *Euphorbia maculata*]
 [*Chamaesyce missurica* (Raf.) Shinnery see *Euphorbia missurica*]
 [*Chamaesyce nutans* (Lag.) Small see *Euphorbia nutans*]
 [*Chamaesyce serpyllifolia* (Pers.) Small see *Euphorbia serpyllifolia*]
Croton glandulosus L. / tooth-leaf croton; vente-con migo
 native to subtropical America to as far north as Indiana and Iowa; known only from
 Goodhue Co. (one disturbed-prairie population, collected 1992), doubtfully persisting
Euphorbia corollata L. var. *corollata* / flowering spurge
 may cause severe skin irritation
Euphorbia cyathophora Murray / fire-on-the-mountain; painted leaf
Euphorbia cyparissias L. / cypress spurge
 native to Eurasia; may cause severe skin irritation, poisonous to cattle
Euphorbia dentata Michx. / toothed spurge
Euphorbia esula L. / leafy spurge; wolf's milk
 native to Eurasia; state DOA noxious weed, 1st collected 1940; may cause
 severe skin irritation, poisonous to livestock
Euphorbia geyeri Engelm. / dune spurge; Geyer's sandmat
Euphorbia glyptosperma Engelm. / ridge-seed spurge; rib-seed sandmat
Euphorbia helioscopia L. / wartweed; mad woman's milk
 native to Europe; known only from Winona Co. (historical collection 1885)
Euphorbia hexagona Nutt. / six-angle spurge
Euphorbia maculata L. / spotted sandmat; milk-purslane
 may cause severe skin irritation
Euphorbia marginata Pursh / snow-on-the-mountain
 may cause severe skin irritation
Euphorbia missurica Raf. var. *intermedia* (Engelm.) L.C. Wheeler / Missouri spurge
 state Special Concern list; known only from Otter Tail Co. (last collected 1936)
Euphorbia nutans Lag. / eyebane
 [*Euphorbia podperae* Croizat see *E. esula*]
 [*Euphorbia xpseudovirgata* (Shur) Soó see *E. esula*]
Euphorbia serpyllifolia Pers. / thyme-leaf spurge
Euphorbia spathulata Lam. / prairie spurge; warty spurge

F

Fabaceae

Amorpha canescens Pursh / leadplant
Amorpha fruticosa L. / false indigo
Amorpha nana Nutt. / fragrant indigo-bush; smooth leadplant
Amphicarpaea bracteata (L.) Fernald / American hog-peanut
Apios americana Medik. / groundnut
Astragalus adsurgens Pall. var. *robustior* Hook. / standing milk-vetch; prairie milk-vetch
Astragalus agrestis Dougl. ex G. Don / field milk-vetch; cock's-head
Astragalus alpinus L. var. *alpinus* / alpine milk-vetch
 state Endangered list, disjunct from Canada and western mountains of US;
 known only from Lake Co. (one population, collected 1991)
Astragalus canadensis L. / Canadian milk-vetch
Astragalus cicer L. / chickpea milk-vetch
 native to Europe; known only from St. Louis Co. (one mining road population, collected 2001)
Astragalus crassicaarpus Nutt. var. *crassicaarpus* / ground-plum;
 prairie-plum
Astragalus flexuosus (Hook.) Don var. *flexuosus* / slender milk-vetch; pliant milk-vetch
 state Special Concern list
 [*Astragalus laxmannii* Jacq. see *A. adsurgens*]
Astragalus lotiflorus Hook. / lotus milk-vetch
Astragalus missouriensis Nutt. var. *missouriensis* / Missouri milk-vetch; Nuttall's milk-vetch

state Special Concern list

Astragalus neglectus (Torr. & Gray) E. Sheld. / Cooper's milk-vetch

Astragalus racemosus Pursh var. *racemosus* / alkali milk-vetch; cream milk-vetch
known only from Pipestone Co. (historical collection 1895)

Astragalus tenellus Pursh / loose-flowered milk-vetch; pulse milk-vetch
eastern limit of distribution; known only from Otter Tail Co. (historical collections to 1892)

[*Baptisia alba* (L.) Vent see *B. lactea*]

Baptisia australis (L.) R. Br. ex W.T. Aiton / blue false indigo; blue wild indigo
native to eastern and southeastern US; known only from Duluth area (one roadside
population, collected 1956), probably garden escapee; roots possibly toxic

Baptisia bracteata Muhl. ex Elliott / Plains wild indigo; long-bract wild indigo
var. *glabrescens* (Larisey) Isley – state Special Concern list

[var. *leucophaea* (Nutt.) Kartesz & Gandhi see var. *glabrescens*]

Baptisia lactea (Raf.) Thieret var. *lactea* / white wild indigo; milky wild indigo
state Special Concern list

Baptisia tinctoria (L.) R. Br. ex W.T. Aiton / yellow wild indigo; horseflyweed
native to eastern US and Canada; known only from Lake City area (historical
collection 1882)

Caragana arborescens Lam. / Siberian peatree; Siberian peashrub
native to Siberia

[*Cassia fasciculata* Michx. see *Chamaecrista fasciculata*]

Chamaecrista fasciculata Britton / partridge-pea; prairie senna

Coronilla varia L. / purple crown-vetch
native to Mediterranean region

Crotalaria sagittalis L. / weedy rattlebox; arrowhead rattlebox

Dalea candida Michx. ex Willd. / white prairie-clover
var. *candida*

var. *oligophylla* (Torr.) Shinnars – state Special Concern list

Dalea leporina (Aiton) Bullock / foxtail prairie-clover; hare's-foot dalea

Dalea purpurea Vent. var. *purpurea* / purple prairie-clover; violet prairie-clover

Dalea villosa (Nutt.) Spreng. var. *villosa* / silky prairie-clover; downy prairie-clover

Desmanthus illinoensis (Michx.) MacMill. ex B.L. Rob. & Fernald / prairie mimosa; prairie bundleflower
state Special Concern list

Desmodium canadense (L.) DC. / showy tick-trefoil; Canadian tick-trefoil

Desmodium cuspidatum (Muhl. ex Willd.) DC. ex Louden var. *longifolium*
(Torr. & Gray) B.G. Schub. / big tick-trefoil; large-bract tick-trefoil
state Special Concern list

Desmodium glutinosum (Muhl. ex Willd.) A.W. Wood / pointed-leaf tick-trefoil; cluster-leaf tick-trefoil

Desmodium illinoense Gray / prairie tick-trefoil; Illinois tick-trefoil

Desmodium nudiflorum (L.) DC. / stemless tick-trefoil; naked-flower tick-trefoil
state Special Concern list

Gleditsia triacanthos L. / honeylocust

Glycyrrhiza lepidota Pursh / American licorice; wi-nawizi (Dakota)

Gymnocladus dioica (L.) K. Koch / Kentucky coffee-tree
seeds toxic to livestock

[*Lathyrus japonicus* Willd. see *L. maritimus*]

Lathyrus latifolius L. / everlasting-pea
native to southern Europe; toxic to animals

Lathyrus maritimus (L.) Bigelow var. *glaber* / beach-pea; sea vetchling

Lathyrus ochroleucus Hook. / pale vetchling; cream vetchling

Lathyrus palustris L. / marsh vetchling

Lathyrus tuberosus L. / tuberous vetchling; earth-nut vetchling
native to Eurasia

Lathyrus venosus Muhl. ex Willd. var. *intonus* Butters & H. St. John / forest-pea; veiny vetchling

Lespedeza capitata Michx. / round-head bush-clover

Lespedeza cuneata (Dum. Cours.) G. Don / Chinese lespedeza

native to eastern Asia; known only from Sherburne Co. (nursery holding area, collected 2005)
Lespedeza intermedia (S. Watson) Britton / wand bush-clover
 only known specimen from Minnesota deposited at US
Lespedeza leptostachya Engelm. / prairie bush-clover
 federal Threatened list / state Threatened list; northern limit of distribution
Lespedeza virginica (L.) Britton / slender bush-clover; Virginia bush-clover
 native to eastern US; known only from Winona Co. (one revegetated-field population,
 collected 1997)
Lotus corniculatus L. / garden bird's-foot trefoil; bird's-foot deer-vetch
 native to Europe
Lotus purshianus Clem. & E.G. Clem. / prairie bird's-foot trefoil; spanish-clover
 [*Lotus unifoliolatus* (Hook.) Benth. see *L. purshianus*]
Lupinus perennis L. / sundial lupine
 toxic to humans and animals
Lupinus polyphyllus Lindl. / bigleaf lupine; blue-pod lupine
 native to western US; toxic to humans and animals
Medicago lupulina L. / black medick
 native to Eurasia
Medicago sativa L. / alfalfa
 native to Eurasia
 subsp. *falcata* (L.) Arcang.
 subsp. *sativa*
Melilotus alba Medik. / white sweet-clover
 native to Eurasia; moderately toxic to livestock
Melilotus officinalis (L.) Lam. / yellow sweet-clover
 native to Eurasia; moderately toxic to livestock
 [*Oxytropis borealis* DC. see *O. viscida*]
Oxytropis campestris (L.) DC. / slender locoweed; northern yellow locoweed
 known only from Crow Wing Co. (historical collection 1892); poisonous to livestock
Oxytropis lambertii Pursh var. *lambertii* / stemless locoweed; purple locoweed
 poisonous to livestock
Oxytropis splendens Dougl. ex Hook. / showy locoweed; whorled locowed
 only known specimen from Minnesota deposited at GH; poisonous to livestock
Oxytropis viscida Nutt. / sticky locoweed
 state Endangered list; disjunct from western North America and arctic regions,
 known only from Cook Co., (last collected 1997); poisonous to livestock
Pediomelum argophyllum (Pursh) J.W. Grimes / silvery scurf-pea; silver-leaf Indian breadroot
Pediomelum esculentum (Pursh) Rydb. / shaggy prairie-turnip; large Indian breadroot
 [*Petalostemon candidum* (Michx. ex Willd.) Michx. see *Dalea candida* var. *candida*]
 [*Petalostemon occidentale* (A. Heller) Fernald see *Dalea candida* var. *oligophylla*]
 [*Petalostemon purpureum* (Vent.) Rydb. see *Dalea purpurea*]
 [*Petalostemon villosum* Nutt. see *Dalea villosa*]
 [*Psoralea argophylla* Pursh see *Pediomelum argophyllum*]
 [*Psoralea esculenta* Pursh see *Pediomelum esculentum*]
 [*Psoralea tenuiflora* Pursh see *Psoralidium tenuiflorum*]
Psoralidium tenuiflorum (Pursh) Rydb. / slender-leaf scurf-pea; slender-flower lemonweed
 state Endangered list
Robinia hispida L. var. *hispida* / rose-acacia; bristly locust
 native to southeastern US; flowers possibly toxic
Robinia pseudoacacia L. / black locust
 native to southeastern US; toxic, especially to horses
Robinia viscosa Vent. / clammy locust; rose-acacia
 native to mountains of eastern US; known only from Ramsey Co. (one population escaped
 from cultivation, collected 1994)
Strophostyles helvola (L.) Elliott / trailing fuzzybean; trailing wild bean
Strophostyles leiosperma (Torr. & Gray) Piper / slick-seed fuzzybean; small-flower wild bean

Tephrosia virginiana (L.) Pers. / goat's-rue; hoary-pea
state Special Concern list; may cause skin irritation, seeds toxic

Trifolium arvense L. / rabbit's-foot clover
native to Eurasia and northern Africa

Trifolium aureum Pollich / golden clover; greater hop clover
native to Eurasia

Trifolium campestre Schreb. / pinnate hop clover; lesser hop clover
native to Eurasia and northern Africa

Trifolium hybridum L. / alsike clover
native to Eurasia

Trifolium incarnatum L. / crimson clover
native to Europe

Trifolium pratense L. / red clover
native to Europe

Trifolium repens L. / white clover
native to Eurasia

Vicia americana Muhl. ex Willd. / American purple vetch
var. *americana*

var. *minor* (Hook.) C.R. Gunn

Vicia angustifolia L. / narrow-leaf vetch; garden vetch
native to Europe; included by some in *V. sativa*

Vicia cracca L. / bird vetch; purple-white tufted vetch
native to Eurasia

Vicia sativa L. / spring vetch; garden vetch
native to southern Europe

Vicia villosa Roth / hairy vetch; winter vetch
native to Europe

Fagaceae [fide FNA 1997, vol. 3]

Quercus alba L. / northern white oak; eastern white oak

Quercus xbebbiana C.K. Schneid. (*Q. alba* x *macrocarpa*) / Bebb's oak

Quercus bicolor Willd. / swamp white oak

[*Quercus borealis* F. Michx. see *Q. rubra*]

Quercus ellipsoidalis E.J. Hill / northern pin oak

Quercus xhawkinsiae Sudw. (*Q. rubra* x *velutina*) / Hawkins's oak
known only from Houston Co. (last collected 1982)

Quercus macrocarpa Michx. / bur oak; u'tahu can (Lakota)

Quercus muhlenbergii Engelm. / yellow chestnut oak; chinkapin oak
known only from Houston Co. (historical collection 1899)

Quercus xpalaeolithica Trel. (*Q. ellipsoidalis* x *velutina*) / fossil oak

Quercus rubra L. / northern red oak; uta (Dakota)

buds, young shoots, and acorns toxic, especially to cattle

Quercus velutina Lam. / black oak

Fumariaceae [fide FNA 1997, vol. 3]

Adlumia fungosa Raf. ex DC. / climbing fumitory; Allegheny-vine

Corydalis aurea Willd. var. *aurea* / golden corydalis; scrambled eggs
plant potentially toxic

Corydalis micrantha (Engelm. ex Gray) Gray var. *micrantha* / small-flower fumewort; slender corydalis

Corydalis sempervirens (L.) Pers. / harlequin flower; pink-and-yellow corydalis

Dicentra canadensis (Goldie) Walp. / squirrel-corn
state Special Concern list

Dicentra cucullaria (L.) Bernh. / dutchman's breeches

may cause skin irritation, leaves and roots potentially poisonous

Fumaria officinalis L. / common fumitory

native to Europe and northern Africa; known only from Winona Co. (one population, collected 1901)

G

Gentianaceae

- Bartonia virginica* (L.) Britton, Sterns & Poggenb. / yellow screwstem; Virginia bartonia
state Endangered list; western limit of distribution
- Centaurium pulchellum* (Sw.) Druce / branched centaury
native to Europe; known only from Brown Co. (one pasture population, collected
1972), doubtfully persisting
- Gentiana affinis* Griseb. / northern gentian; pleated gentian
state Special Concern list
- [*Gentiana alba* Muhl. ex Nutt. see *G. flavida*]
- Gentiana andrewsii* Griseb. / closed bottle gentian; closed gentian
var. *andrewsii*
var. *dakotica* A. Nels.
- Gentiana xbillingtonii* Farw. (*G. andrewsii* x *puberulenta*) / Billington's gentian
known only from Dakota Co. (one railroad population, collected 1956)
- Gentiana flavida* Gray / yellow gentian; pale gentian
- Gentiana puberulenta* J.S. Pringle / downy gentian; prairie gentian
- Gentiana rubricaulis* Schwein. / closed gentian; rose-stem gentian
- Gentianella amarella* (L.) Boerner / felwort; autumn dwarf gentian
state Special Concern list
- Gentianella quinquefolia* (L.) Small var. *occidentalis* (Gray) J.M. Gillett / stiff gentian; agueweed
- Gentianopsis crinita* (Froel.) Ma / greater fringed gentian
- Gentianopsis macounii* (T. Holm) Iltis / Macoun's fringed gentian
known only from Mahanomen Co. (one prairie population, collected 1958)
- Gentianopsis procera* (Holm) Ma / lesser felwort; lesser fringed gentian
- [*Gentianopsis virgata* (Raf.) Holub see *G. procera*]
- Halenia deflexa* (Sm.) Griseb. var. *deflexa* / American spurred gentian

Geraniaceae

- Erodium cicutarium* (L.) L'Hér. ex Aiton / redstem stork's-bill; redstem filaree
native to Mediterranean region
- Geranium bicknellii* Britton / northern crane's-bill
- Geranium carolinianum* L. / Carolina crane's-bill
- Geranium maculatum* L. / wild crane's-bill; spotted geranium
- Geranium pratense* L. / meadow geranium; meadow crane's-bill
native to Europe; known only from St. Louis Co. (last collected 2004)
- Geranium robertianum* L. / herb-robert
native to Eurasia
- Geranium sanguineum* L. / bloody crane's-bill; bloody geranium
native to Europe; only known collection at DUL
- Geranium sibiricum* L. / Siberian crane's-bill
native to Eurasia

Grossulariaceae

- Ribes americanum* Mill. / wild black currant; American black currant
- [*Ribes aureum* Pursh var. *villosum* DC. see *R. odoratum*]
- Ribes cynosbati* L. / eastern prickly gooseberry; dogberry
- Ribes glandulosum* Grauer / skunk currant
- Ribes hirtellum* Michx. / hairy-stem gooseberry; smooth gooseberry
- Ribes hudsonianum* Richardson / northern black currant
- Ribes lacustre* (Pers.) Poir. / spiny swamp currant; bristly black gooseberry
- Ribes missouriense* Nutt. / Missouri gooseberry
- Ribes nigrum* L. / black garden currant; European black currant
native to Eurasia
- Ribes odoratum* H. Wendl. / golden currant; buffalo currant

native to central Great Plains
Ribes oxycanthoides L. var. *oxycanthoides* / northern gooseberry; Canadian gooseberry
[*Ribes rubrum* L. see *R. sativum*]
Ribes sativum Syme / red garden currant; northern red currant
native to Eurasia
Ribes triste Pall. / swamp red currant
[*Ribes uva-crispa* L. – previous reports from Minnesota were based on a misidentified specimen]

H

Haloragaceae

Myriophyllum alterniflorum DC. / alternate-flower water-milfoil
[*Myriophyllum exalbescens* Fernald see *M. sibiricum*]
Myriophyllum farwellii Morong / Farwell's water-milfoil
Myriophyllum heterophyllum Michx. / two-leaf water-milfoil
known only from St. Louis Co. (one population, collected 1992)
Myriophyllum sibiricum Kom. / common water-milfoil; Siberian water-milfoil
Myriophyllum spicatum L. / Eurasian water-milfoil
native to Eurasia; state DOA noxious weed
Myriophyllum tenellum Bigelow / slender water-milfoil
Myriophyllum verticillatum L. / whorled water-milfoil

Hamamelidaceae [fide FNA 1997, vol. 3]

Hamamelis virginiana L. / American witch-hazel
state Special Concern list

Hemerocallidaceae [fide FNA 2002, vol. 26]

Hemerocallis fulva (L.) L. / orange daylily; lemon-lily
native to Asia

Hippocastanaceae see Sapindaceae

Hippuridaceae see Plantaginaceae

Hyacinthaceae [fide FNA 2002, vol. 26]

Ornithogalum umbellatum L. / star-of-bethlehem; nap-at-noon
native to Eurasia and north Africa
Scilla sibirica Haw. ex Andrews / Sibirican squill
native to Russia

Hydrangeaceae

Philadelphus coronarius L. / eastern mock-orange; sweet mock-orange
native to Europe

Hydrocharitaceae [fide FNA 2000, vol. 22]

Egeria densa Planch. / Brazilian waterweed
native to S. America, probably not long-persisting (introduced with aquarium trade);
reported from Hennepin Co., no specimens at MIN
Elodea bifoliata H. St. John / two-leaf waterweed
Elodea canadensis Michx. / Canadian waterweed; frog's bit
[*Elodea densa* (Planch.) Caspary see *Egeria densa*]
Elodea nuttallii (Planch.) H. St. John / western waterweed
Najas flexilis Rostk. & W.L.E. Schmidt / wavy water-nymph; northern bushy-pondweed
Najas gracillima (A. Br. ex Englem.) Magnus / slender water-nymph; slender naiad
state Special Concern list
Najas guadalupensis (Spreng.) Magnus / Guadalupe water-nymph; southern bushy-pondweed
subsp. *guadalupensis*

subsp. *olivacea* (Rosend. & Butters) R.R. Haynes & Hellq.
Najas marina L. / holly-leaf water-nymph; sea-naiad
state Special Concern list
Najas minor All. / brittle water-nymph
disjunct from IL, IN, MI, probably introduced; known only from Dakota Co.
(one population, collected 2003)
Vallisneria americana Michx. / American eelgrass; tapegrass
vars. not recognized

Hydrophyllaceae see Boraginaceae

Hypericaceae

[*Hypericum ascyron* L. see *H. pyramidatum*]
Hypericum boreale (Britton) E.P. Bicknell / northern St. John's-wort
[*Hypericum canadense* L. / lesser Canadian St. John's-wort – previous report from Minnesota
was based on misidentified specimen]
Hypericum ellipticum Hook. / pale St. John's-wort, creeping St. John's-wort
Hypericum kalmianum L. / Kalm's St. John's-wort
disjunct from central and eastern Great Lakes, known only from Lake Co.
(one population at wilderness entry point, 2005)
Hypericum majus (Gray) Britton / large St. John's-wort, greater Canadian St. John's-wort
[*Hypericum mutilum* L. subsp. *boreale* (Britton) J.M. Gillett see *H. boreale*]
Hypericum perforatum L. / common St. John's-wort, Klamath-weed
native to Europe
Hypericum punctatum Lam. / spotted St. John's-wort
Hypericum pyramidatum Aiton / great St. John's-wort

Hypoxidaceae [fide FNA 2002, vol. 22]

Hypoxis hirsuta (L.) Coville / eastern yellow star-grass

I

Iridaceae [fide FNA 2002, vol. 26]

[*Iris cengialti* Ambrosi ex A. Kern. see *I. pallida*]
Iris pallida Lam. / sweet iris
native to Mediterranean region; known only from Douglas Co. (one roadside population,
collected 1940)
Iris pseudacorus L. / pale-yellow iris; yellow flag
native to Europe
Iris versicolor L. / northern blue flag; harlequin blue iris
roots poisonous
Iris virginica L. / southern blue iris; Virginia blue flag
vars. not recognized
Sisyrinchium angustifolium Mill. / narrow-leaf blue-eyed-grass
native of eastern US and Canada; known only from Duluth area (last collected 1950),
probably introduced initially with ballast
Sisyrinchium campestre E.P. Bicknell / prairie blue-eyed-grass
Sisyrinchium montanum Greene var. *montanum* / mountain blue-eyed-grass; strict blue-eyed-grass
Sisyrinchium mucronatum Michx. / needle-tip blue-eyed-grass

J

Juglandaceae [fide FNA 1997, vol. 3]

Carya cordiformis (Wangenh.) K. Koch / bitternut hickory; pignut hickory
Carya ovata (Mill.) K. Koch var. *ovata* / shagbark hickory; shellbark hickory
Juglans cinerea L. / butternut; white walnut
state Special Concern list
Juglans nigra L. / black walnut; hma (Dakota)

moderately toxic to dogs and horses (particularly bark/wood shavings for bedding)

Juncaceae [fide FNA 2000, vol. 22]

- Juncus acuminatus* Michx. / sharp-fruit rush; knotty-leaf rush
reported for Minnesota by FNA but no specimens at MIN; known from IA, WI
- Juncus alpinoarticulatus* Chaix / alpine rush; northern green rush
[*Juncus alpinus* Vill. see *J. alpinoarticulatus*]
- Juncus antheratus* (Wiegand) R.E. Brooks / poverty rush
reported for Minnesota by FNA but no specimens at MIN; known from Ontario, IA, WI
- Juncus arcticus* Willd. / Baltic rush; arctic rush
var. *balticus* (Willd.) Trautvetter
[var. *littoralis* (Engelm.) B. Boivin see var. *balticus*]
- Juncus articulatus* L. / joint-leaf rush; jointed rush
[*Juncus balticus* Willd. see *J. arcticus*]
- Juncus brachycarpus* Engelm. / white-root rush
disjunct from IL; known only from Blue Earth Co. (collected 1948)
[*Juncus brachycephalus* (Engelm.) Buchenau / small-head rush – previous report for Minnesota was based on misidentified specimen]
- Juncus brevicaudatus* (Engelm.) Fernald / narrow-panicle rush
- Juncus bufonius* L. / toad rush
vars. not recognized
- Juncus canadensis* J. Gay / Canadian rush
[var. *brachycephalus* Engelm. see *J. brachycephalus*]
- Juncus compressus* Jacq. / round-fruit rush
- Juncus dudleyi* Wiegand / Dudley's rush
- Juncus effusus* L. / lamp rush; soft rush
vars. not recognized
- Juncus filiformis* L. / thread rush
- Juncus gerardii* Loisel. / saltmarsh rush
- Juncus xgracilescens* J. Hermann (*J. alpinoarticulatus* x *brevicaudatus*) / slender rush
- Juncus greenei* Oakes & Tuck. / Greene's rush
- Juncus interior* Wiegand / inland rush; interior rush
- Juncus longistylis* Torr. / long-style rush
- Juncus marginatus* Rostk. / grass-leaf rush; marginated rush
state Special Concern list
- Juncus nodosus* L. / knotted rush
- Juncus pelocarpus* E. Mey. / brown-fruit rush
- Juncus stygius* L. var. *americanus* Buchenau / American moor rush; bog rush
state Special Concern list
- Juncus subtilis* E. Mey. / greater creeping rush
disjunct from eastern Canada; known only from Cook Co. (one wilderness population, collected 1998)
- Juncus tenuis* Willd. / path rush; poverty rush
[var. *dudleyi* (Wiegand) F.J. Herm. see *J. dudleyi*]
- Juncus torreyi* Coville / Torrey' rush
- Juncus vaseyi* Engelm. / Vasey's rush
- Luzula acuminata* Raf. var. *acuminata* / hairy wood-rush
- Luzula luzuloides* (Lam.) Dandy & Wilmott subsp. *luzuloides* / oak forest wood-rush
native to Europe; known only from Duluth area (last collected 1941)
- Luzula multiflora* (Retz.) Lej. subsp. *multiflora* / common wood-rush
native to Eurasia
- Luzula parviflora* (Ehrh.) Desv. / small-flower wood-rush
state Special Concern list
vars. not recognized

Juncaginaceae [fide FNA 2000, vol. 22]

- Triglochin maritima* L. / common arrowgrass; seaside arrowgrass

Triglochin palustris L. / slender arrowgrass; marsh arrowgrass

L

Lamiaceae

Agastache foeniculum (Pursh) Kuntze / blue giant-hyssop; fragrant giant-hyssop

Agastache nepetoides (L.) Kuntze / yellow giant-hyssop; catnip giant-hyssop
known only from Chippewa Co. (one population, collected 1938)

Agastache scrophulariaefolia (Willd.) Kuntze / purple giant-hyssop

Ajuga genevensis L. / blue bugle; erect bugleweed

native to Eurasia; known only from Lake Co. (last collected 2003)

Blephilia hirsuta (Pursh) Benth. / hairy wood mint; hairy pagoda plant

Blephilia subnuda R. Simmers & Kraul / naked wood mint; naked pagoda plant
native to southern US

[*Calamintha arkansana* (Nutt.) Shinnery see *Satureja glabella*]

[*Chaiturus marrubiastrum* (L.) Reichenb. see *Leonurus marrubiastrum*]

[*Clinopodium arkansanum* (Nutt.) House see *Satureja glabella*]

[*Clinopodium glabellum* (Michx.) Kuntze see *Leonurus marrubiastrum*]

[*Clinopodium vulgare* L. see *Satureja vulgaris*]

Dracocephalum parviflorum Nutt. / American dragonhead

Elsholtzia ciliata (Thunb.) Hyl. / crested late-summer mint

native to Asia; known only from Anoka Co. (one collection, 1959) as escape from birdseed

Galeopsis tetrahit L. / brittle-stem hemp-nettle

native to Eurasia

var. *bifida* (Boenn.) Lej. & Courtois

var. *tetrahit*

Glechoma hederacea L. / creeping charlie; ground-ivy

native to Eurasia; plant oil may be irritating

Hedeoma hispidum Pursh / rough false pennyroyal; maka chiaka (Dakota)

Hedeoma pulegioides (L.) Pers. / American false pennyroyal

native to eastern and southeastern US; known only from Houston Co.
(historical collection 1899)

Hyssopus officinalis L. / hyssop

native to Eurasia; known only from Chisago Co. (one riverbank population, collected 1938)

Isanthus brachiatus (L.) Britton, Sterns & Poggenb. / false pennyroyal; fluxweed

Lamium album L. / snowflake; white dead-nettle

native to Eurasia; known only from Ramsey Co. (last collected 1973)

Lamium amplexicaule L. / giraffehead; henbit

native to Eurasia and northern Africa

Leonurus cardiaca L. / motherwort

native to Asia

Leonurus marrubiastrum L. / horehound motherwort

native to Europe and northern Asia; known only from Anoka Co. (one
agricultural population, collected 1998)

Leonurus sibiricus L. / honeyweed; Siberian motherwort

native to Asia

Lycopus americanus Muhl. ex W.P.C. Barton / American water-horehound; cut-leaf water-horehound

Lycopus asper Greene / rough water-horehound; western water-horehound

Lycopus xsherardii Steele (*L. uniflorus* x *virginicus*) / Sherard's water-horehound

Lycopus uniflorus Michx. / northern water-horehound

Lycopus virginicus L. / Virginia water-horehound

Marrubium vulgare L. / white horehound

native to Eurasia; known only from Wabasha Co. (historical collections to 1890)

Mentha arvensis L. var. *canadensis* (L.) Kuntze / American wild mint; ceya'ka (Lakota)

[*Mentha cardiaca* (S.F. Gray) Gerarde ex Baker see *M. xgentilis*]

[*Mentha crispa* L. see *M. spicata*]

Mentha xgentilis L. (*M. arvensis* x *spicata*) / red mint

native to Europe
 [*Mentha xgracilis* Sole see *M. xgentilis*]
Mentha spicata L. / spearmint
 native to Europe
Moluccella laevis L. / bells-of-Ireland; shell flower
 native to Mediterranean region; known only from Isanti Co. (one homestead population,
 collected 1963), doubtfully persisting
Monarda didyma L. / scarlet beebalm; Oswego-tea
 native to eastern US
Monarda fistulosa L. / mint-leaf beebalm; wahpe' was'tem'na (Dakota)
 var. *fistulosa*
 var. *menthaefolia* (Graham) Fernald
Monarda punctata L. var. *villicaulis* (Pennell) E.J. Palmer & Steyerem. / spotted beebalm; spotted horsemint
Nepeta cataria L. / catnip
 native to Eurasia
Perilla frutescens (L.) Britton / perilla mint; beefsteak plant
 native to India; known only from Martin Co. (one weedy population, collected 1976)
Physostegia parviflora Nutt. ex Gray / western obedient plant; western false dragonhead
 known only from Koochiching Co., Voyageur's National Park (one riverbank population,
 collected 1982)
Physostegia virginiana (L.) Benth. var. *virginiana* / common obedient plant; false dragonhead
Prunella vulgaris L. / common selfheal; heal-all
 var. *lanceolata* (W.C.P. Barton) Hultén
 var. *vulgaris* - native to Europe
Pycnanthemum flexuosum (Walt.) Britton, Sterns & Poggenb. / Appalachian Mountain mint
 reported for Minnesota by NatureServe but no specimens at MIN; native to southeastern US
Pycnanthemum virginianum (L.) T. Durand & B.D. Jacks. ex B.L. Rob. & Fernald / common
 mountain mint; Virginia mountain mint
Salvia nutans L. / nodding sage
 native to southeastern Europe; known only from Clay Co. (one riverbank population,
 collected 1937)
Salvia reflexa Hornem. / lance-leaf sage; Rocky Mountain sage
 [*Satureja arkansana* (Nutt.) Briq. see *S. glabella*]
Satureja glabella (Michx.) Briq. var. *angustifolia* (Torr.) Svenson / savory
 reported for Minnesota by USDA and NatureServe but no specimens at MIN
Satureja vulgaris (L.) Fritsch / wild basil
 [*Scutellaria epilobiifolia* A. Hamilton see *S. galericulata*]
Scutellaria galericulata L. / hooded skullcap; marsh skullcap
Scutellaria lateriflora L. / mad-dog skullcap
Scutellaria leonardii Epling / little skullcap; small skullcap
 included in *S. parvula* by some
Scutellaria ovata Hill var. *versicolor* (Nutt.) Fernald / heart-leaf skullcap; ovate-leaf skullcap
 state Threatened list; northern limit of distribution
Scutellaria parvula Michx. / little skullcap
Stachys hispida Pursh / hairy hedge-nettle; rough hedge-nettle
 included in *S. tenuifolia* by some
Stachys palustris L. / woundwort; marsh hedge-nettle
 var. *homotricha* Fernald
 var. *pilosa* (Nutt.) Fernald
 [*Stachys pilosa* Nutt. see *S. palustris*]
Stachys tenuifolia Willd. / smooth hedge-nettle
 [*Stachys tenuifolia* Willd. var. *hispida* (Pursh) Fernald see *S. hispida*]
Teucrium canadense L. / American germander; wood-sage
 var. *occidentale* (Gray) E.M. McClint. & Epling
 var. *virginicum* (L.) Eaton
Thymus serpyllum L. / creeping thyme

native to Europe

[*Trichostema brachiatum* L. see *Isanthus brachiatus*]

Lemnaceae see Araceae

Lentibulariaceae

Pinguicula vulgaris L. / common butterwort

state Special Concern list

Utricularia cornuta Michx. / horned bladderwort; naked bladderwort

Utricularia geminiscapa Benj. / hidden-fruit bladderwort; twin-stem bladderwort

range extension from IA and WI

Utricularia gibba L. / humped bladderwort; creeping bladderwort

Utricularia intermedia Hayne / flat-leaf bladderwort; northern bladderwort

[*Utricularia macrorhiza* Leconte see *U. vulgaris*]

Utricularia minor L. / lesser bladderwort

Utricularia purpurea Walter / eastern purple-flower bladderwort

state Special Concern list

Utricularia resupinata B.D. Greene ex Bigelow / lavender bladderwort

state Special Concern list

Utricularia vulgaris L. / common bladderwort; greater bladderwort

Liliaceae [fide FNA 2002, vol. 26]

[*Allium* see Alliaceae]

[*Asparagus* see Asparagaceae]

[*Clintonia* see Colchicaceae]

[*Convallaria* see Ruscaceae]

[*Disporum trachycarpum* (S. Watson) Benth. & Hook. see *Prosartes trachycarpa*]

Erythronium albidum Nutt. / white trout lily; small white fawn lily

vars. not recognized

Erythronium americanum Ker Gawl. subsp. *americanum* / yellow trout lily; American trout lily

Erythronium propullans Gray / Minnesota dwarf trout lily

federal Endangered list; endemic to Minnesota

[*Hemerocallis* see Hemerocallidaceae]

[*Hypoxis* see Hypoxidaceae]

Lilium lancifolium Thunb. / lance-leaf tiger lily

native to China

Lilium michiganense Farw. / Michigan lily

Lilium philadelphicum L. / wood lily

vars. not recognized

[*Maianthemum* see Ruscaceae]

[*Ornithogalum* see Hyacinthaceae]

[*Polygonatum* see Ruscaceae]

Prosartes trachycarpa S. Watson / rough-fruit fairy bells; drops-of-gold

disjunct from western US and Canada; known only from Cook Co. (last collected 2000)

[*Scilla* see Hyacinthaceae]

[*Smilacina* see Ruscaceae]

Streptopus amplexifolius (L.) DC. / clasping twisted stalk

vars. not recognized

Streptopus lanceolatus (Aiton) Reveal / twisted stalk

[*Streptopus roseus* Michx. var. *longipes* (Fernald) Fassett see *S. lanceolatus*]

[*Tofieldia* see Tofieldiaceae]

[*Trillium* see Melanthiaceae]

[*Uvularia* see Colchicaceae]

[*Zigadenus* see Melanthiaceae]

Limnanthaceae

Floerkea proserpinacoides Willd. / false mermaid; false mermaidweed
state Threatened list

Linaceae

Linum lewisii Pursh / wild blue flax; prairie flax
native to western US

Linum rigidum Pursh var. *simulans* Rogers / stiff-stem yellow flax; large-flower yellow flax

Linum sulcatum Riddell / grooved yellow flax

Linum usitatissimum L. / common flax; cultivated flax
native to Europe; seeds possibly toxic

Linnaeaceae

Linnaea borealis L. var. *longiflora* (Torr.) Hultén / twinflower

Lobeliaceae

Lobelia cardinalis L. var. *cardinalis* / cardinal flower

Lobelia dortmanna L. / water lobelia; Dortmann's lobelia

Lobelia inflata L. / Indian-tobacco

plant potentially toxic

Lobelia kalmii L. / brook lobelia; Ontario lobelia

Lobelia siphilitica L. / great blue lobelia

leaves and roots potentially toxic

var. *ludoviciana* A. DC.

var. *siphilitica*

Lobelia spicata Lam. / spiked lobelia; pale-spike lobelia

var. *hirtella* Gray

var. *spicata*

Loranthaceae (our taxa) see Santalaceae

Lythraceae

Ammannia coccinea Rottb. / toothcup

Decodon verticillatus (L.) Elliott var. *laevigatus* Torr. & Gray / swamp-loosestrife; water-willow
state Special Concern list

Didiplis diandra (Nutt. ex DC.) A.W. Wood / water-purslane

only known specimen from Minnesota (Mower Co.) is deposited at MO

Lythrum alatum Pursh var. *alatum* / winged loosestrife

Lythrum salicaria L. purple loosestrife

native to Eurasia; state DOA noxious weed, 1st collected 1924, Ramsey Co.

Rotala ramosior (L.) Koehne / lowland toothcup

state Threatened list

M

Malvaceae

Abelmoschus esculentus (L.) Moench. / okra; gumbo

native to Asian tropics; known only from Sherburne Co., Sherburne National Wildlife Refuge
(collected 1972), doubtfully persisting

Abutilon theophrasti Medik. / velvetleaf

native to southern Asia; state DOA noxious (CN) weed, 1st collected 1876, Hennepin Co.

Alcaea rosea L. / hollyhock

native to Europe; known only from Fillmore Co. (one parking-lot population,
collected 1982), doubtfully persisting

[*Althaea rosea* (L.) Cav. see *Alcaea rosea*]

[*Hibiscus esculentus* L. see *Abelmoschus esculentus*]

Hibiscus laevis All. / smooth hibiscus; halberd-leaf rose-mallow

range extension from IA; known only from Ramsey Co. (one railroad population, collected 2000)

Hibiscus trionum L. / flower-of-an-hour; Venice mallow
native to southern Europe; state DOA noxious (CN) weed, 1st collected 1878, Hennepin Co.
Malva neglecta Wallr. / cheeses; dwarf mallow
native from Eurasia and northern Africa
Malva rotundifolia L. / round-leaf mallow
native to Europe
Malva sylvestris L. / high mallow
native to Eurasia; yard weed, doubtfully persisting
Malva verticillata L. / curled mallow; large whorl mallow
native to Asia; known only from Kittson Co. (one riverbank population, collected 1958),
doubtfully persisting
Napaea dioica L. / glade-mallow
state Threatened list; northwest limit of distribution
Sphaeralcea coccinea (Pursh) Rydb. / scarlet globe-mallow
reported for Minnesota by USDA and NatureServe but no specimens at MIN; known from IA, ND, SD;
native to the Great Plains
Tilia americana L. / basswood; hin'ta can (Lakota)

Melanthiaceae [fide FNA 2002, vol. 26]

Trillium cernuum L. / nodding trillium; whip-poor-will flower
vars. not recognized
Trillium flexipes Raf. / bent trillium
Trillium grandiflorum (Michx.) Salisb. / large-flower trillium; great white trillium
Trillium nivale Riddell / snow trillium; dwarf white trillium
state Special Concern list
Zigadenus elegans Pursh / mountain death-camus
plants poisonous
vars. not recognized
[*Zigadenus glaucus* (Nutt.) Nutt. see *Z. elegans*]

Menispermaceae [fide FNA 1997, vol. 3]

Menispermum canadense L. / Canadian moonseed
seeds possibly poisonous

Menyanthaceae

Menyanthes trifoliata L. / bog buckbean

Mimosaceae see Fabaceae

Molluginaceae [fide FNA 2003, vol. 4]

Mollugo verticillata L. / carpet weed; Indian-chickweed
native to tropical America, now widely established (archeological evidence indicates a
pre-Columbian presence at least as far north as TN)

Monotropaceae see Ericaceae

Moraceae [fide FNA 1997, vol. 3]

Fatoua villosa (Thunb.) Nakai / mulberry-weed; hairy crabweed
native to Asia; known only from Anoka Co. (one nursery population, collected 1998)
Morus alba L. / white mulberry; Russian mulberry
native to eastern Asia
Morus rubra L. / red mulberry

Myricaceae [fide FNA 1997, vol. 3]

Comptonia peregrina (L.) J.M. Coult. / sweet-fern
Myrica gale L. / sweet gale

Myrsinaceae

- Anagallis arvensis* L. / scarlet pimpernel
native to Europe (last collected 1902)
vars./subsp. not recognized
- Anagallis minima* (L.) E.H.L. Krause / chaffweed
known only from Big Stone Co. (collected 1901)
- [*Centunculus minimus* L. see *Anagallis minima*]
- Glaux maritima* L. / sea-milkwort
state Endangered list; known only from Kittson Co. (last collected 1992)
- Lysimachia ciliata* L. / fringed loosestrife
- Lysimachia xcommixta* Fernald (*L. terrestris* x *thyrsiflora*) / hybrid loosestrife
known only from Washington Co. (one riverbank population, collected 1961)
- Lysimachia hybrida* Michx. / lowland loosestrife; Mississippi Valley loosestrife
- Lysimachia nummularia* L. / creeping jenny; creeping loosestrife
native to Europe
- Lysimachia quadriflora* Sims / prairie loosestrife; four-flower loosestrife
- Lysimachia quadrifolia* L. / whorled loosestrife
state Special Concern list, northwest limit of distribution; known only from Pine Co.
(last collected 2000)
- Lysimachia terrestris* (L.) Britton, Sterns & Poggenb. / swamp candles; swamp loosestrife
- Lysimachia thyrsiflora* L. / swamp loosestrife; tufted loosestrife
- Lysimachia vulgaris* L. / garden loosestrife; common yellow loosestrife
native to Eurasia; known only from Duluth area (last collected 1993)
- Trientalis borealis* Raf. / eastern starflower; maystar
subsp. not recognized

N

Najadaceae see Hydrocharitaceae

Nelumbonaceae [fide FNA 1997, vol. 3]

- Nelumbo lutea* Willd. / American lotus; yellow lotus

Nyctaginaceae [fide FNA 2003, vol. 4]

- Mirabilis albida* (Walter) Heimerl / hairy four-o'clock; hairy umbrellawort
- [*Mirabilis hirsuta* (Pursh) MacMill. see *M. albida*]
- Mirabilis linearis* (Pursh) Heimerl var. *linearis* / narrow-leaf four-o'clock; narrow-leaf umbrellawort
known only from Houston Co. (historical collections to 1899) but to be expected along the
Dakota borders in disturbed rocky or gravelly sites
- Mirabilis nyctaginea* (Michx.) MacMill. / heart-leaf four-o'clock; heart-leaf umbrellawort

Nymphaeaceae [fide FNA 1997, vol. 3]

- [*Nuphar lutea* (L.) Sm. see *N. variegata*]
- [*Nuphar lutea* (L.) Sm. subsp. *pumila* (Timm) E.O. Beal misapplied to our flora, see *N. microphylla*]
- Nuphar microphylla* (Pers.) Fernald / yellow pondlily
- Nuphar variegata* Durand / yellow pondlily; kewa'pa (Lakota)
- Nuphar rubrodisca* Morong / yellow pondlily
possibly a hybrid (sometimes sterile) of *N. microphylla* and *N. variegata*
- Nymphaea leibergii* Morong / pygmy waterlily; small white waterlily
state Threatened list
- Nymphaea odorata* Aiton / white waterlily; fragrant waterlily
subsp. *odorata*
subsp. *tuberosa* (Paine) Wiersema & Hellq.
- [*Nymphaea tetragona* Georgi misapplied to Minnesota material, see *N. leibergii*]
- [*Nymphaea tuberosa* Paine see *N. odorata*]

O

Oleaceae

- Fraxinus americana* L. / white ash
- Fraxinus nigra* Marshall / black ash
- Fraxinus pennsylvanica* Marshall / green ash; red ash
 - vars. not recognized
- Syringa xpersica* L. (*S. afghanica* x *laciniata*) / Persian lilac
 - native to Asia; known only from Isanti Co. (one population, collected 1971), probable garden escapee
- Syringa villosa* Vahl / villous lilac; late lilac
 - native to China; known only from St. Louis Co. (one population, collected 1953), probable garden escapee
- Syringa vulgaris* L. / common lilac
 - native to southern Europe

Onagraceae

- Calylophus serrulatus* (Nutt.) P.H. Raven / yellow sundrops
- Circaea alpina* L. var. *alpina* / alpine enchanter's-nightshade; small enchanter's-nightshade
- Circaea xintermedia* Ehrh. (*C. alpina* x *lutetiana*) / enchanter's-nightshade
- Circaea lutetiana* L. var. *canadensis* L. / common enchanter's-nightshade; broad-leaf enchanter's-nightshade
- Epilobium angustifolium* L. / fireweed
 - var. *angustifolium* – known only from Mahanomen Co. (one roadside population, collected 1993)
 - var. *canescens* A. Wood
- Epilobium ciliatum* Raf. var. *ciliatum* / American willowherb; fringed willowherb
- Epilobium coloratum* Biehler / purple-leaf willowherb; eastern willowherb
- Epilobium glandulosum* Lehm. / northern willowherb; fringed willowherb
 - included in *E. ciliatum* by some as a subspecies
- Epilobium leptophyllum* Raf. / narrow-leaf willowherb; bog willowherb
- Epilobium palustre* L. / marsh willowherb
- Epilobium strictum* Muhl. ex Spreng. / downy willowherb; northeastern willowherb
- Epilobium xwisconsinense* Ugent (*E. ciliatum* x *coloratum*) / Wisconsin willowherb
- Gaura biennis* L. var. *biennis* / biennial beeblossom; biennial gaura
- Gaura coccinea* Nutt. ex Pursh / scarlet beeblossom; scarlet gaura
- Ludwigia palustris* (L.) Elliott / common false loosestrife; marsh primrose-willow
- Ludwigia polycarpa* Short & R. Peter / many-fruited false loosestrife; many-fruited primrose-willow
- Oenothera biennis* L. / common evening-primrose; king's cure-all
 - var. *biennis*
 - var. *canescens* Torr. & Gray
- Oenothera clelandii* W. Dietr., P.H. Raven & W.L. Wagner / lesser four-point evening-primrose
- Oenothera laciniata* Hill / cut-leaf evening-primrose
- Oenothera nuttallii* Sweet / white-stem evening-primrose; Nuttall's evening-primrose
- [*Oenothera oakesiana* (Gray) J.W. Robbins ex S. Watson & Coult. see *O. parviflora* var. *oakesiana*]
- Oenothera parviflora* L. / northern evening-primrose; small-flower evening-primrose
 - var. *oakesiana* (Gray) Fernald
 - var. *parviflora*
- Oenothera perennis* L. / little sundrops; small evening-primrose
- Oenothera rhombipetala* Nutt. ex Torr. & Gray / rhombic evening-primrose; greater four-point evening-primrose
 - state Special Concern list
- [*Oenothera villosa* Thunb. see *O. biennis* var. *canescens*]

Orchidaceae [fide FNA 2002, vol. 26]

- Amerorchis rotundifolia* (Banks ex Pursh) Hultén / round-leaved orchis
- Aplectrum hyemale* (Muhl. Ex Willd.) Torr. / puttyroot, adam-and-eve
- Arethusa bulbosa* L. / dragon's mouth
- Calopogon oklahomensis* D.H. Goldman / Oklahoma grass-pink

Calopogon tuberosus (L.) Britton, Sterns & Poggenb. var. *tuberosus* / tuberous grass-pink
Calypso bulbosa (L.) Oakes var. *americana* (R.Br.) Luer / fairy slipper; calypso orchid
Coeloglossum viride (L.) Hartm. / long-bract frog orchid
 vars. not recognized
Corallorhiza maculata (Raf.) Raf. / spotted coralroot; summer coralroot
 var. *maculata*
 var. *occidentalis* (Lindl.) Ames
Corallorhiza odontorhiza (Willd.) Nutt. var. *odontorhiza* / autumn coralroot, small-flower coralroot
Corallorhiza striata Lindl. var. *striata* / striped coralroot; hooded coralroot
Corallorhiza trifida Châtel. / yellow coralroot; northern coralroot
Cypripedium acaule Aiton / pink moccasin flower; stemless lady-slipper
 may cause skin irritation
Cypripedium xandrewsii A.M. Fuller (*C. candidum* x *parviflorum*) / Andrews's lady-slipper
 may cause skin irritation
Cypripedium arietinum R. Br. / ram's head lady-slipper; ram's head orchid
 state Threatened list; may cause skin irritation
 [*Cypripedium calceolus* L. var. *parviflorum* (Salisb.) Fern. misapplied to regional
 flora, see *C. parviflorum* var. *makasin*]
 [*Cypripedium calceolus* L. var. *pubescens* (Willdn.) Correll see *C. parviflorum* var. *pubescens*]
Cypripedium candidum Muhl. ex Willd. / small white lady-slipper
 state Special Concern list; may cause skin irritation
Cypripedium parviflorum Salisb. / yellow lady-slipper
 may cause skin irritation
 var. *makasin* (Farw.) Sheviak
 var. *pubescens* (Willd.) O.W. Knight
Cypripedium reginae Walter / showy lady-slipper
 may cause skin irritation
Epipactis helleborine (L.) Crantz / broad-leaf helleborine
Galearis spectabilis (L.) Raf. / showy orchis
Goodyera pubescens (Willd.) R. Br. / downy rattlesnake orchid; downy rattlesnake-plantain
Goodyera repens (L.) R. Br. / dwarf rattlesnake-plantain; lesser rattlesnake orchid
 vars. not recognized
Goodyera tessellata Lodd. / checkered rattlesnake orchid; checkered rattlesnake-plantain
 [*Habenaria clavellata* (Michx.) Spreng. see *Platanthera clavellata*]
 [*Habenaria dilatata* (Pursh) Hook. see *Platanthera dilatata*]
 [*Habenaria flava* (L.) R. Br. see *Platanthera flava*]
 [*Habenaria hookeri* Torr. ex Gray see *Platanthera hookeri*]
 [*Habenaria hyperborea* (L.) R. Br. see *Platanthera huronensis*]
 [*Habenaria lacera* (Michx.) Lodd. see *Platanthera lacera*]
 [*Habenaria leucophaea* (Nutt.) Gray see *Platanthera praeclara*]
 [*Habenaria obtusata* (Banks ex Pursh) Richardson see *Platanthera obtusata*]
 [*Habenaria orbiculata* (Pursh) Torr. see *Platanthera orbiculata*]
 [*Habenaria psycodes* (L.) Spreng. see *Platanthera psycodes*]
 [*Habenaria viridis* (L.) R. Br. see *Coeloglossum viride*]
Liparis liliifolia (L.) Rich. ex Lindl. / purple twayblade; brown wide-lip orchid
Liparis loeselii (L.) Rich. / bog twayblade; yellow wide-lip orchid
Listera auriculata Wiegand / eared twayblade; auricled twayblade
 state Endangered list; western limit of distribution
Listera convallarioides (Sw.) Elliott / broad-lip twayblade; broad-tip twayblade
 state Special Concern list; known only from Cook Co. (one population, collected 1924)
Listera cordata (L.) R. Br. var. *cordata* / heart-leaf twayblade
 [*Malaxis brachypoda* (Gray) Fernald see *M. monophyllos*]
Malaxis monophyllos (L.) Sw. var. *brachypoda* (Gray) F.J.A. Morris & Eames / white adder's-mouth orchid
 state Special Concern list
Malaxis paludosa (L.) Sw. / bog adder's-mouth orchid
 state Endangered list; southern limit of distribution

Malaxis unifolia Michx. / green adder's-mouth orchid
 [*Orchis rotundifolia* Banks ex Pursh see *Amerorchis rotundifolia*]
 [*Orchis spectabilis* L. see *Galearis spectabilis*]
Platanthera aquilonis Sheviak / northern green orchid
Platanthera clavellata (Michx.) Luer / green woodland orchid; club-spur orchid
 state Special Concern list
Platanthera dilatata (Pursh) Lindl. ex Beck var. *dilatata* / tall white bog orchid; scentbottle
Platanthera flava (L.) Lindl. var. *herbiola* (R. Br.) Luer / pale-green orchid; tubercled rein orchid
 state Endangered list; northwest limit of distribution
Platanthera hookeri (Torr. ex Gray) Lindl. / Hooker's orchid
Platanthera huronensis (Nutt.) Lindl. / northern green orchid; northern bog orchid
 [*Platanthera hyperborea* (L.) Lindl. see *P. huronensis* or *P. aquilonis*]
Platanthera lacera (Michx.) G. Don / ragged fringed orchid; green fringed orchid
 [*Platanthera xmedia* (Rydb.) Luer see *P. huronensis*]
Platanthera obtusata (Banks ex Pursh) Lindl. / blunt-leaf orchid; one-leaf rein orchid
Platanthera orbiculata (Pursh) Lindl. / large round-leaf orchid
Platanthera praeclara Sheviak & M.L. Bowles / Great Plains white fringed orchid; western
 prairie fringed orchid
 federal Threatened list / state Endangered list
Platanthera psycodes (L.) Lindl. / lesser purple fringed orchid
 vars. not recognized
Pogonia ophioglossoides (L.) Ker Gawl. / rose pogonia, snake's-mouth orchid
Spiranthes casei Catling & Cruise var. *casei* / Case's ladies'-tresses
Spiranthes cernua (L.) Rich. / white nodding ladies'-tresses
Spiranthes lacera (Raf.) Raf. / northern slender ladies'-tresses
 var. *gracilis* (Bigelow) Luer
 var. *lacera*
Spiranthes magnicamporum Sheviak / Great Plains ladies'-tresses
Spiranthes romanzoffiana Cham. / hooded ladies'-tresses

Orobanchaceae

Agalinis aspera (Douglas ex Benth.) Britton / tall false foxglove; rough false foxglove
Agalinis auriculata (Michx.) S.F. Blake / ear-leaf false foxglove; eared false foxglove
 state Endangered list; northwest limit of distribution
Agalinis gattingeri (Small) Small / round-stem false foxglove
 state Endangered list; northwest limit of distribution
 [*Agalinis paupercula* (Gray) Britton see *A. purpurea* var. *parviflora*]
Agalinis purpurea (L.) Pennell / purple false foxglove; smooth false foxglove
 var. *parviflora* (Benth.) B. Boivin
 var. *purpurea*
Agalinis tenuifolia (Vahl) Raf. / slender-leaf false foxglove; common false foxglove
 vars. not recognized
Aureolaria grandiflora (Benth.) Pennell var. *pulchra* Pennell / western false foxglove; large-flowered
 yellow false foxglove
 northern limit of distribution; known only from Houston Co. (historical collection 1899)
Aureolaria pedicularia (L.) Raf. / fern-leaf yellow false foxglove; fern-leaf false foxglove
 state Threatened list; northwest limit of distribution
 var. *ambigens* (Fernald) Farw.
 var. *intercedens* Pennell
Castilleja coccinea (L.) Spreng. / scarlet Indian paintbrush; painted cup
Castilleja septentrionalis Lindl. / northern Indian paintbrush; Labrador Indian paintbrush
 state Endangered list; southwest limit of distribution
Castilleja sessiliflora Pursh / downy Indian paintbrush; Great Plains Indian paintbrush
 [*Euphrasia nemorosa* (Pers.) Wallr. see *E. officinalis*]
Euphrasia hudsoniana Fernald & Wiegand var. *ramosior* Sell & Yeo / Hudson Bay eyebright
 state Special Concern list

Euphrasia officinalis L. / common European eyebright
native to Europe
[*Euphrasia stricta* D. Wolff ex J.F. Lehm. see *E. officinalis*]

Melampyrum lineare Desr. / American cow-wheat
var. *americanum* (Michx.) Beauverd
var. *lineare*

Orobanche fasciculata Nutt. / clustered broomrape
state Special Concern list; federal noxious weed

Orobanche ludoviciana Nutt. var. *ludoviciana* / Louisiana broomrape; prairie broomrape
state Special Concern list; federal noxious weed

Orobanche uniflora L. / naked broomrape; one-flowered broomrape
state Special Concern list; federal noxious weed

Orthocarpus luteus Nutt. / yellow owl-clover; golden-tongue owl-clover

Pedicularis canadensis L. / forest lousewort; Canada lousewort

Pedicularis lanceolata Michx. / swamp lousewort

Oxalidaceae

Oxalis acetosella L. / creeping yellow wood-sorrel; northern wood-sorrel

[*Oxalis corniculata* L. see *O. acetosella*]

Oxalis dillenii Jacq. / tufted yellow wood-sorrel; upright yellow wood-sorrel
some taxonomists include this taxon within *O. stricta*

[*Oxalis montana* Raf. see *O. acetosella*]

Oxalis stricta L. / upright yellow wood-sorrel

Oxalis violacea L. / violet wood-sorrel

P

Papaveraceae [fide FNA 1997, vol. 3]

Chelidonium majus L. / greater celandine
native to Eurasia

Eschscholtzia californica Cham. / California poppy

native to southwestern US; known only from Cass Co. (collected 1992), rarely found as an
escape in roadside plantings but not generally persisting

Papaver rhoeas L. / corn poppy

native from Eurasia and west Africa; known only from Clay Co. (one railroad population
collected 1958), rarely found as escape and usually not persisting

Papaver somniferum L. / opium poppy; common poppy

native to Mediterranean region; known only from Duluth area (collected 1978)

Sanguinaria canadensis L. / bloodroot

plant toxic

Parnassiaceae

Parnassia glauca Raf. / American grass-of-parnassus; fen grass-of-parnassus

Parnassia palustris L. / arctic grass-of-parnassus; marsh grass-of-parnassus

Penthoraceae

Penthorum sedoides L. / ditch-stonecrop

Phrymaceae

Mimulus glabratus Kunth var. *fremontii* (Benth.) A.L. Grant / round-leaf monkey flower

Mimulus ringens L. var. *ringens* / blue monkey flower; Allegheny monkey flower

Phryma leptostachya L. / American lopseed

Phytolaccaceae [fide FNA 2003, vol. 4]

Phytolacca americana L. var. *americana* / pokeweed; pokeberry

reported for Minnesota by FNA but no specimens at MIN; known from Ontario, IA, MI, WI

Plantaginaceae

- Bacopa rotundifolia* (Michx.) Wettst. / round-leaf water-hyssop; disk water-hyssop
state Special Concern list
- Besseya bullii* (Eaton) Rydb. / kitten tails; Bull's coraldrops
state Threatened list; northwest limit of distribution
- Callitriche hermaphroditica* L. / autumn water-starwort; northern water-starwort
- Callitriche heterophylla* Pursh / greater water-starwort; larger water-starwort
state Special Concern list
- Callitriche palustris* L. / common water-starwort; vernal water-starwort
[*Callitriche verna* L. see *C. palustris*]
- Chaenorhinum minus* (L.) Lange / dwarf snapdragon; lesser toadflax
native to Europe
- Chelone glabra* L. / white turtlehead
- Chelone obliqua* L. / purple turtlehead
northern limit of distribution; known only from "southern Minnesota" (collected 1922)
- Digitalis grandiflora* P. Mill. / yellow foxglove
native to Europe and western Asia; known only from Duluth area (one weedy population, collected 1997)
- Digitalis lanata* Ehrh. / Grecian foxglove
native to southern Europe; known only from Washington Co. (last collected 1999)
- Gratiola neglecta* Torr. / golden hedge-hyssop; clammy hedge-hyssop
- Hippuris vulgaris* L. / common mare's tail
- Limosella aquatica* L. / northern mudwort; awl-leaf mudwort
state Special Concern list
- Linaria canadensis* (L.) Dum. Cours. / old-field toadflax; blue toadflax
- Linaria dalmatica* (L.) Mill. / Dalmatian toadflax
native to eastern Mediterranean region
- Linaria genistifolia* (L.) P. Mill. / broom-leaf toadflax
native to Europe; known only from Pope Co. (one roadside population, collected 1938)
- Linaria vulgaris* Mill. / greater butter-and-eggs
native to Europe
- [*Lindernia anagallidea* (Michx.) Pennell see *L. dubia* var. *anagallidea*]
- Lindernia dubia* (L.) Pennell / yellow-seed false pimpernel
var. *anagallidea* (Michx.) Cooperr.
var. *dubia*
- Littorella uniflora* (L.) Asch. var. *americana* (Fernald) Gleason / American shore plantain
state Special Concern list
- [*Nuttallanthus canadensis* (L.) D.A. Sutton see *Linaria canadensis*]
- Penstemon albidus* Nutt. / prairie beardtongue; red-line beardtongue
- Penstemon digitalis* Nutt. ex Sims / tall white beardtongue; foxglove beardtongue
- Penstemon gracilis* Nutt. / slender beardtongue; lilac beardtongue
- Penstemon grandiflorus* Nutt. / shell-leaf penstemon; large-flowered beardtongue
- Penstemon laevigatus* Aiton / eastern smooth beardtongue
native to southeastern US; known only from Stearns Co. (collected 1971), possible garden escape
- Penstemon pallidus* Small / pale beardtongue; eastern white beardtongue
- Plantago aristata* Michx. / large-bract plantain
- Plantago elongata* Pursh / prairie plantain; slender plantain
state Threatened list; eastern limit of distribution
- Plantago eriopoda* Torr. / woolly-crowned plantain; red-woolly plantain
- Plantago lanceolata* L. / English plantain; ribgrass
native to Eurasia; state DOA restricted weed, 1st collected 1891, Brown and Cook cos.
- Plantago major* L. / common plantain; great plantain
native to Eurasia
- Plantago patagonica* Jacq.
var. *patagonica* / woolly plantain

var. *spinulosa* (Decne.) Gray - possibly occurring in Minnesota
Plantago psyllium L. / sand plantain; leafy-stem plantain
 native to eastern Mediterranean region
Plantago rugelii Decne. / black-seed plantain; American plantain
Plantago virginica L. / pale-seed plantain; hoary plantain
 known only from Cook Co. (one population, collected 1944)
Veronica americana Schwein. ex Benth. / American speedwell; American brooklime
 [*Veronica anagallis-aquatica* L. see *V. catenata*]
Veronica arvensis L. / corn speedwell
 native to Eurasia
Veronica austriaca L. subsp. *teucrium* (L.) D.A. Webb / broad-leaf speedwell
 native to Eurasia; known only from Lake Co. (one lakeshore population, collected 1999)
Veronica catenata Pennell / blue water speedwell
Veronica longifolia L. / long-leaf speedwell
 native to Europe
Veronica officinalis L. / common speedwell; common gypsyweed
 native to Europe; toxic to livestock
Veronica peregrina L. / purslane speedwell; neckweed
 var. *peregrina*
 var. *xalapensis* (Kunth) Pennell
Veronica persica Poir. / bird's-eye speedwell
 native to southwestern Asia
Veronica prostrata L. / prostrate speedwell
 native to Europe; known only from Duluth area (lawn weed, collected 2002)
Veronica scutellata L. / grass-leaf speedwell; marsh speedwell;
Veronica serpyllifolia L. / thyme-leaf speedwell
 var. *humifusa* (Dicks.) Syme
 var. *serpyllifolia* – native to Europe
 [*Veronica teucrium* L. see *V. austriaca* subsp. *teucrium*]
Veronica verna L. / spring speedwell
 native to Europe
Veronicastrum virginicum (L.) Farw. / culver's root

Poaceae [fide FNA 2003, 2007]

Achnatherum hymenoides (Roem. & Schult.) Barkworth / Indian ricegrass; silkgrass
 State Endangered list; eastern limit of distribution
 [*Agrohordeum xmacounii* (Vasey) Lepage see *xElyhordeum macounii*]
Agropyron cristatum (L.) Gaertn. / crested wheatgrass
 native to Eurasia
 [*Agropyron pectiniforme* Roem. & Schult. see *A. cristatum*]
 [*Agropyron repens* (L.) P. Beauv. see *Elymus repens*]
 [*Agropyron smithii* Rydb. see *Pascopyrum smithii*]
 [*Agropyron trachycaulum* (Link) Malte ex H.F. Lewis see *Elymus trachycaulus*]
 [*Agropyron trachycaulum* (Link) Malte ex H.F. Lewis var. *glaucum* (Pease & A.H. Moore) Malte
 see *Elymus trachycaulus* subsp. *subsecundus*]
 [*Agropyron trachycaulum* (Link) Malte ex H.F. Lewis var. *majus* (Vasey) Fern.
 see *Elymus trachycaulus* subsp. *trachycaulus*]
 [*Agrostis alba* L. misapplied to our flora, see *A. gigantea* or *A. stolonifera*]
 [*Agrostis geminata* Trin. see *A. scabra*]
Agrostis gigantea Roth / redtop; black bent
 native to Eurasia
Agrostis hyemalis (Walter) Britton, Sterns & Poggenb. / winter bent; hairgrass
 [var. *scabra* (Willd.) Blomq. see *A. scabra*]
 northwestern edge of range; known only from southeastern Minnesota (Anoka Co.
 populations prob. introduced); previous widespread reports were based on previous
 inclusion of *A. scabra* in this taxon

Agrostis perennans (Walter) Tuck. / autumn bent; upland bent
Agrostis scabra Willd. / ticklegrass
 native to Pacific coastal countries, introduced elsewhere
Agrostis stolonifera L. / spreading bent; creeping bent
 vars. not recognized
 both native and introduced (from Eurasia) forms may occur
 [var. *major* (Gaudin) Farw. see *A. gigantea*]
Alopecurus aequalis Sobol. var. *aequalis* / short-awn meadow-foxtail
Alopecurus carolinianus Walter / tufted meadow-foxtail; Carolina meadow-foxtail
Alopecurus geniculatus L. / water foxtail
 reported for Minnesota (southwestern counties) by FNA but no specimens at MIN;
 native to Eurasia
Alopecurus pratensis L. / field meadow foxtail
 native to Eurasia
Ammophila breviligulata Fernald subsp. *breviligulata* / American beach grass
 state Threatened list, western limit of distribution; known only from St. Louis Co.
 (last collected 1983)
Andropogon gerardii Vitman / big bluestem
Andropogon hallii Hack. / beardgrass; sand bluestem
 native to the Great Plains; introduced with roadside/wildlife plantings
Anthoxanthum hirtum (Schrank) Y. Schouten & Veldkamp / sweet grass; wacan'ga (Lakota)
Aristida basiramea Engelm. ex Vasey / forked three-awn; fork-tip three-awn
Aristida dichotoma Michx. / povertygrass; church-mouse three-awn
 var. *curtissii* Gray
 poss. also var. *dichotoma*
Aristida longespica Poir. var. *geniculata* (Raf.) Fernald / slimspike three-awn; Plains three-awn
 native to central and southern Great Plains; known only from Anoka Co. (last collected 2005)
Aristida oligantha Michx. / prairie three-awn; oldfield three-awn
Aristida purpurea Nutt. / red three-awn; purple three-awn
 var. *longiseta* (Steud.) Vasey - state Special Concern list
 poss. also var. *purpurea*
Aristida tuberculosa Nutt. / seaside three-awn; sea-beach needlegrass
 state Special Concern list
Arrhenatherum elatius (L.) P. Beauv. ex J. Presl & C. Presl / tall oatgrass
 native to Europe
 subsp. *elatius* – known only from Hennepin Co. (collected 1943)
 subsp. *bulbosum* (Willd.) Schübl. & G. Martens – known only from Ramsey Co. (collected 1891)
Avena fatua L. / wild oats
 native to Eurasia; occasionally persisting near cultivated fields; state DOA noxious (CN) weed
Avena sativa L. / cultivated oats
 native to Eurasia; occasionally persisting near cultivated fields; moderately toxic to livestock
Avenula hookeri (Scribn.) Holub / spike oatgrass; Hooker's alpine oatgrass
 state Special Concern list
Beckmannia syzigachne (Steud.) Fernald / American sloughgrass
Bouteloua curtipendula (Michx.) Torr. var. *curtipendula* / sideoats gramma; semiphoregrass
Bouteloua gracilis (Kunth) Lag. ex Griffiths / blue gramma; peji' oki'jata (Lakota)
Bouteloua hirsuta Lag. var. *hirsuta* / hairy gramma
Brachyelytrum aristosum (Michx.) P. Beauv ex Branner & Coville / northern shorthusk
Brachyelytrum erectum (Schreb.) P. Beauv / southern shorthusk; bearded shorthusk
 [var. *glabratum* (Vasey ex Millsp.) T. Koyama & Kawano see *B. aristosum*]
 [*Brachyelytrum septentrionale* (Babel) G.C. Tucker see *B. aristosum*]
Bromus – several introduced species (with livestock feed) are common across North America
 and known from adjacent states; only those verified with specimens as occurring in
 Minnesota are listed below
 [*Bromus altissimus* Pursh see *B. latiglumis*]
Bromus catharticus Vahl var. *catharticus* / rescuegrass

reported for Minnesota by FNA but no specimens at MIN; native to South America
Bromus ciliatus L. / fringed brome
Bromus inermis Leyss. / smooth brome; Hungarian brome
 native to Eurasia
 [subsp. *pumpellianus* (Scribn.) Wagnon see *B. pumpellianus*]
Bromus japonicus Thunb. / Japanese chess
 native to Eurasia
Bromus kalmii Gray / Kalm's brome
Bromus latiglumis (Scribn. ex Shear) Hitchc. / early-leaf brome
Bromus pubescens Muhl. ex Willd. / hairy brome; hairy woodland brome
Bromus pumpellianus Scribn. subsp. *pumpellianus* / Pumpelly's brome; smooth brome
 native to Canada and western US; report from Minnesota not yet verified;
 easily confused with *B. inermis*
Bromus secalinus L. / chess; rye brome
 native to Europe; (historical collections to 1899)
Bromus tectorum L. / cheat grass; downy chess
 native to Eurasia
Buchloe dactyloides (Nutt.) Engelm. / buffalograss
 state Special Concern list
Calamagrostis canadensis (Michx.) P. Beauv. / Canada bluejoint
 var. *canadensis*
 var. *langsдорffii* (Link) Inman
 var. *macouniana* (Vasey) Stebbins
 [*Calamagrostis inexpansa* Gray see *C. stricta* subsp. *inexpansa*]
 [*Calamagrostis lacustris* (Kearney) Nash see *C. stricta* subsp. *inexpansa*]
Calamagrostis montanensis (Scribn.) Vasey / Plains reedgrass
 state Special Concern list (eastern limit of distribution)
 [*Calamagrostis neglecta* Gaertn., B. Mey. & Scherb. see *C. stricta*]
Calamagrostis purpurascens R. Br. / purple reedgrass
 state Special Concern list, disjunct from western and northern North America; known only
 from Cook Co. (last collected 2005)
Calamagrostis stricta (Timm) Koeler / slim bluejoint; northern reedgrass
 subsp. *inexpansa* (Gray) C.W. Greene
 this includes *C. lacustris* which was on the state Special Concern list
 [var. *lacustris* (Kearney) C.W. Greene see subsp. *inexpansa*]
 subsp. *stricta*
Calamovilfa longifolia (Hokk.) Scribn. var. *longifolia* / giant sand reed; prairie sand reed
Catabrosa aquatica (L.) P. Beauv. / brookgrass
 to be expected along the North Dakota border, in wet meadows and along streams
Cenchrus longispinus (Hack.) Fernald / mat sandbur
 state DOA noxious (CN) weed
 [*Cenchrus pauciflorus* Benth. see *C. spinifex*]
Cenchrus spinifex Cav. / coastal sandbur
 disjunct from IA and IL
Cinna arundinacea L. / common wood reed; sweet wood reed
Cinna latifolia (Trevir. ex Göpp.) Griseb. / drooping wood reed; slender wood reed
Dactylis glomerata L. / orchardgrass; barnyardgrass
 native to Eurasia and Africa
Danthonia spicata (L.) P. Beauv. ex Roem. & Schult. / poverty oatgrass; wild-oat grass
Deschampsia cespitosa (L.) P. Beauv. / common hairgrass; tufted hairgrass
 subsp. *cespitosa*
 [var. *glauca* (Hartm.) Lindm. see subsp. *cespitosa*]
Deschampsia flexuosa (L.) Trin. / slender hairgrass; wavy hairgrass
 state Special Concern list
 [*Diarrhena americana* P. Beauv. var. *obovata* Gleason see *D. obovata*]
Diarrhena obovata (Gleason) Brandenb. / American beakgrain

state Special Concern list; known only from Fillmore Co. (last collected 1999)

Dichanthelium aciculare (Desv. ex Poir.) subsp. *angustifolium* (Elliott) Freckmann & Lelong / narrow-leaf rosettegrass; narrow-leaved panicgrass
disjunct from AR, KY, IN; known only from Clearwater Co., Itasca State Park (collected 1962), probably an introduced waif

Dichanthelium acuminatum (Sw.) Gould & C.A. Clark / hairy panicgrass; tapered rosettegrass
subsp. *columbianum* (Scribn.) Freckmann & Lelong
subsp. *fasciculatum* (Torr.) Freckmann & Lelong
subsp. *implicatum* (Scribn.) Freckmann & Lelong
subsp. *lindheimeri* (Nash) Freckmann & Lelong

Dichanthelium boreale (Nash) Freckmann / northern panicgrass

Dichanthelium depauperatum (Muhl.) Gould / starved panicgrass; poverty panicgrass

Dichanthelium latifolium (L.) Harvill / broad-leaf panicgrass; broad-leaf rosettegrass

Dichanthelium leibergii (Vasey) Freckmann / Leiberg's panicgrass

Dichanthelium linearifolium (Scribn.) Gould / linear-leaf panicgrass; slender-leaf panicgrass

Dichanthelium oligosanthos (Schult.) Gould / few-flowered panicgrass; Heller's rosettegrass
subsp. *oligosanthos*
subsp. *scribnerianum* (Nash) Freckmann & Lelong

Dichanthelium ovale (Elliott) Gould & C.A. Clark / stiff-leaf panicgrass
[var. *addinsonii* (Nash) Gould & C.A. Clark see *D. ovale* subsp. *pseudopubescens*]
subsp. *praecocius* (Hitchc. & Chase) Freckmann & Lelong
subsp. *pseudopubescens* (Nash) Freckmann & Lelong
subsp. *villosissimum* (Nash) Freckmann & Lelong

Dichanthelium perlongum (Nash) Freckmann / long-stalk panicgrass
[*Dichanthelium sabulorum* (Lam.) Gould & C.A. Clark misapplied to our flora, see *D. acuminatum* subsp. *implicatum*]
[*Dichanthelium villosissimum* (Nash) Freckmann see *D. ovale* subsp. *villosissimum*]

Dichanthelium wilcoxianum (Vasey) Freckmann / Wilcox's panicgrass; fall rosette panicgrass

Dichanthelium xanthophysum (Gray) Freckmann / pale panicgrass; slender rosettegrass

Digitaria cognata (Schult.) Pilg. / fall witchgrass

Digitaria ischaemum (Schreb.) Muhl. / smooth crabgrass
native to Eurasia

Digitaria sanguinalis (L.) Scop. / northern crabgrass; hairy crabgrass
native to Eurasia

[*Diplachne fascicularis* P. Beauv. see *Leptochloa fusca*]

Distichlis spicata (L.) Greene / saltgrass
vars. not recognized

[*Distichlis stricta* (Torr.) Rydb. see *D. spicata*]

Echinochloa crus-galli (L.) P. Beauv. / barnyardgrass
native to Eurasia

[*Echinochloa crus-galli* (L.) P. Beauv. var. *frumentacea* (Link) W. Wright see *E. frumentacea*]

Echinochloa frumentacea Link / Siberian millet; white panic
occurrence in Minnesota uncertain; reported from experimental plots

Echinochloa muricata (P. Beauv.) Fernald / American barnyardgrass; wild millet
var. *microstachya* Wiegand
var. *muricata*

[*Echinochloa pungens* (Poir.) Rydb. see *E. muricata* var. *muricata*]

Echinochloa walteri (Pursh) A. Heller / coastal barnyardgrass; coastal cockspurgrass

Eleusine coracana (L.) Gaertn. subsp. *coracana* / finger millet
native to Africa; known only from Ramsey Co. (one agricultural population, collected 2003), doubtfully persisting

Eleusine indica (L.) Gaertn. / goosegrass; yardgrass
native to Africa; occasional weed near cultivated fields

x*Elyhordeum macounii* (Vasey) Barkworth & D.R. Dewey (*Elymus trachycaulus* x *Hordeum jubatum*) / Macoun's wild rye; Macoun's barley

x*Elyhordeum montanense* (Scrib. ex Beal) Bowden (*Elymus virginicus* x *Hordeum*

jubatum) / mountain barley

to be expected on disturbed sites if both parents nearby

Elymus – numerous hybrids are known to occur among the species but their distribution within the US is incompletely known. Only those previously considered species are reported here

Elymus canadensis L. / Canada wild rye; pteya' hota (Lakota)

var. *canadensis*

var. *robustus* (Scribn. & J.G. Sm.) Mack. & Bush – known only from Chippewa Co. (historical collection 1894)

[var. *wiegandii* (Fernald) Bowden see *E. wiegandii*]

Elymus xcayouetteorum (B. Boivin) Barkworth (*Elymus canadensis* x *trachycaulus*) / wild rye possibly occurring in Minnesota since both parents are native

Elymus curvatus Piper / awnless wild rye; Virginia wild rye

Elymus diversiglumis Scribn. & C.R. Ball / diverse-glume wild rye; Minnesota wild rye

Elymus hystrix L. / eastern bottlebrushgrass

[*Elymus interruptus* Buckley – misapplied to our flora, see *E. diversiglumis*]

[*Elymus junceus* Fisch. see *Psathyrostachys juncea*]

[*Elymus macounii* Vasey see *xElyhordeum macounii*]

[*Elymus racemosus* Lam. see *Leymus racemosus*]

Elymus repens (L.) Gould / quackgrass

state DOA noxious (CN) weed, 1st collected 1886, St. Louis Co.; native to Eurasia

Elymus riparius Wiegand / riverbank wild rye

known only from Rice Co. (collected 1947) possibly also St. Louis Co. (not verified); easily confused with *E. villosus*

Elymus trachycaulus (Link) Gould ex Shinnars / slender wheatgrass; slender wild rye

subsp. *subsecundus* (Link) A. Löve & D. Löve

subsp. *trachycaulus*

unnamed polymorphic Group II members [see FNA for discussion]

Elymus villosus Muhl. ex Willd. / downy wild rye; hairy wild rye

Elymus virginicus L. / Virginia wild rye

var. *halophilus* (E.P. Bickn.) Wieg.

var. *jejunus* (Ramaley) Bush

[var. *submuticus* Hook. see *E. curvatus*]

var. *virginicus*

Elymus wiegandii Fernald / broad-leaf wild rye; Wiegand's wild rye

[*Elytrigia repens* (L.) Desv. ex B.D. Jacks see *Elymus repens*]

[*Elytrigia smithii* (Rydb.) Nevski see *Pascopyrum smithii*]

Eragrostis capillaris (L.) Nees / lacegrass

to be expected in the southeastern corner along the lower Mississippi River (known from IA, WI), on dry sandy riverbanks

Eragrostis cilianensis (All.) Vignolo ex Janch. / stinkgrass

native to Europe

Eragrostis frankii C.A. Mey. ex Steud. / sandbar lovegrass

Eragrostis hypnoides (Lam.) Britton, Sterns & Poggenb. / teal lovegrass; teal lovegrass

[*Eragrostis megastachya* (Koeler) Link see *E. cilianensis*]

Eragrostis minor Host / little lovegrass

native to Europe

Eragrostis pectinacea (Michx.) Nees var. *pectinacea* / tufted lovegrass; Carolina lovegrass

Eragrostis pilosa (L.) P. Beauv. / India lovegrass

native to Eurasian tropics; doubtfully persisting

var. *perplexa* (L.H. Harv.) S.D. Koch – known only from Pipestone Co. (collected 1931)

var. *pilosa* – known only from Pipestone Co. (historical collection 1883)

Eragrostis spectabilis (Pursh) Steud. / purple lovegrass; tumblegrass

Eragrostis trichodes (Nutt.) Alph. Wood / beautiful lovegrass; sand lovegrass

disjunct from central Great Plains

Eriochloa contracta Hitchc. / prairie cupgrass

reported for Minnesota (Mankato region) by FNA but no specimens at MIN;

known from NE & MO

Eriochloa villosa (Thunb.) Kunth / woolly cupgrass; Chinese cupgrass
native to eastern Asia; state DOA noxious (CN) weed, 1st collected 1967, Blue Earth Co.

[*Festuca arundinacea* Schreb. see *Schedonorus arundinaceus*]

Festuca brachyphylla Schult. & Schult.f. / alpine fescue

var. *brachyphylla*

[var. *rydbergii* (St.-Yves) Cronquist see *F. saximontana*]

[*Festuca elatior* L. see *Schedonorus arundinaceus*]

[*Festuca longifolia* Thuill. misapplied to our flora, see *F. trachyphylla*]

[*Festuca obtusa* Biehler see *F. subverticillata*]

[*Festuca octoflora* Walt. see *Vulpia octoflora*]

[*Festuca ovina* L. misapplied to our flora see *F. brachyphylla* or *F. saximontana*]

previously considered a much more inclusive taxon; any populations from Minnesota

previously reported (except as an ornamental) probably *F. saximontana*

[var. *duriuscula* (L.) W.D.J. Koch see *F. trachyphylla*]

Festuca paradoxa Desv. / clustered fescue

report from Minnesota not yet verified

[*Festuca pratensis* Huds. see *Schedonorus pratensis*]

Festuca rubra L. / red fescue

a complex taxon with native and introduced forms in North America

poss. subsp. *commutata* Gauden – native to Europe, generally found in lawns but escaping

poss. subsp. *fallax* (Thuill.) Nyman -- native to Europe

subsp. *rubra* -- native to Eurasia

Festuca saximontana Rydb. var. *saximontana* / short-leaf fescue; Rocky Mountain fescue

Festuca subverticillata (Pers.) E.B. Alexeev / nodding fescue

Festuca trachyphylla (Hack.) Krajina / hard fescue

native to Europe

Glyceria borealis (Nash) Batch. / boreal mannagrass; small floating mannagrass

Glyceria canadensis (Michx.) Trin. var. *canadensis* / rattlesnake mannagrass

Glyceria grandis S. Watson var. *grandis* / tall mannagrass; American mannagrass

Glyceria septentrionalis Hitchc. var. *septentrionalis* / floating mannagrass; northern mannagrass

reported for Minnesota by USDA and NatureServe but no specimens at MIN; known from

adjacent La Crosse Co. WI to eastern and southern US

Glyceria striata (Lam.) Hitchc. / waterfowl mannagrass

vars not recognized

[*Helictotrichon hookeri* (Scribn.) Henrard see *Avenula hookeri*]

Hesperostipa comata (Trin. & Rupr.) Barkworth subsp. *comata* / needle-and-thread grass

Hesperostipa curtisetata (Hitchc.) Barkworth / small porcupine grass

to be expected in the far northwest corner (known from ND, Manitoba), in prairies; easily

confused with *H. comata*

Hesperostipa sparteata (Trin.) Barkworth / porcupinegrass

[*Hierochloa odorata* (L.) P. Beauv. see *Anthoxanthum hirtum*]

Hordeum jubatum L. subsp. *jubatum* / squirrel tail; foxtail barley

Hordeum pusillum Nutt. / little barley

Hordeum vulgare L. / cultivated barley

native to Europe

[*Hystrix patula* Moench see *Elymus hystrix*]

[*Koeleria cristata* Pers. see *K. macrantha*]

Koeleria macrantha (Ledeb.) Schult. / prairie junegrass; prairie Koeler's grass

[*Koeleria pyramidata* (Lam.) P. Beauv. misapplied to North America, see *K. macrantha*]

Leersia lenticularis Michx. / catchfly grass

state Special Concern list

Leersia oryzoides (L.) Sw. / rice cut grass

vars. not recognized

Leersia virginica Willd. / white grass; white cutgrass

[*Leptochloa fascicularis* (Lam.) Gray see *L. fusca*]

Leptochloa fusca (L.) Kunth subsp. *fascicularis* (Lam.) N. Snow / bearded sprangletop
 [*Leptoloma cognatum* (Schult.) Chase see *Digitaria cognata*]

Leymus cinereus (Scribn. & Merr.) A. Löve / Great Basin wild rye; Great Basin lyme grass
 reported for Minnesota by USDA and NatureServe but no specimens at MIN; known
 from western Great Plains westward

Leymus racemosus (Lam.) Tzvelev / mammoth wild rye
 native to Eurasia; known only from Houston Co. (one riverbank population, collected 1980)
 [*Lolium arundinaceum* (Schreb.) Darbysh. see *Schedonorus arundinaceus*]

Lolium multiflorum Lam. / annual ryegrass; Italian ryegrass
 [*Lolium pratense* (Huds.) Darbysh. see *Schedonorus pratensis*]

Lolium perenne L. / perennial ryegrass
 native to Europe
 [var. *aristatum* Willd. see *L. multiflorum*]

Lolium temulentum L. subsp. *temulentum* / darnel ryegrass
 native to Mediterranean region; known only from Blue Earth Co. (historical collection 1883)

Melica nitens (Scribn.) Nutt. ex Piper / three-flower melic grass; tall melic
 state Threatened list; northwest limit of distribution

Milium effusum L. var. *cisatlanticum* Fern. / wood millet; American millet grass

Miscanthus sacchariflorus (Maxim.) Benth. / amur silver grass
 native to eastern Asia

Muhlenbergia asperifolia (Nees & Meyen ex Trin.) Parodi / scratch grass

Muhlenbergia cuspidata (Torr.) Rydb. / Plains muhly

Muhlenbergia frondosa (Poir.) Fernald / wirestem muhly
 state DOA noxious (CN) weed

Muhlenbergia glomerata (Willd.) Trin. / spike muhly; marsh muhly

Muhlenbergia mexicana (L.) Trin. / wirestem muhly; Mexican muhly
 var. *filiformis* (Torr.) Scribn.
 var. *mexicana*

Muhlenbergia racemosa (Michx.) Britton, Sterns & Poggenb. / satin grass; marsh muhly

Muhlenbergia richardsonis (Trin.) Rydb. / mat muhly; seep muhly

Muhlenbergia schreberi J.F. Gmel. / nimblewill

Muhlenbergia sylvatica (Torr.) Torr. ex Gray / forest muhly; woodland muhly

Muhlenbergia uniflora (Muhl.) Fernald / one-flowered muhly; bog muhly
 state Special Concern list

Nassella viridula (Trin.) Barkworth / green needlegrass; feather bunchgrass

Oryzopsis asperifolia Michx. / rough-leaved rice grass; wintergrass
 [*Oryzopsis canadensis* (Poir.) Torr. see *Piptatherum canadense*]
 [*Oryzopsis hymenoides* (Roem. & Schult.) Ricker see *Achnatherum hymenoides*]
 [*Oryzopsis pungens* (Torr. ex Spreng.) Hitchc. see *Piptatherum pungens*]
 [*Oryzopsis racemosa* (Sm.) Ricker ex Hitchc. see *Piptatherum racemosum*]
 [*Panicum boreale* Nash see *Dichantherium boreale*]

Panicum capillare L. subsp. *capillare* / witch grass
 [*Panicum columbianum* Scribn. var. *columbianum* see *Dichantherium acuminatum*
 subsp. *columbianum*]
 [*Panicum columbianum* Scribn. var. *commonsianum* (Ashe) McNeill & Dore see *Dichantherium*
ovale subsp.
pseudopubescens]
 [*Panicum commonsianum* Ashe see *Dichantherium ovale* subsp. *pseudopubescens*]
 [*Panicum depauperatum* Muhl. see *Dichantherium depauperatum*]
 [*Panicum depauperatum* Muhl. var. *perlongum* (Nash) B. Boivin see *Dichantherium perlongum*]

Panicum dichotomiflorum Michx. subsp. *dichotomiflorum* / fall panic grass
 state DOA noxious (CN) weed
 [*Panicum lanuginosum* Elliott var. *fasciculatum* (Torr.) Fernald see *Dichantherium*
acuminatum subsp. *fasciculatum*]
 [*Panicum lanuginosum* Elliott var. *implicatum* (Scribn.) Fernald see *Dichantherium*
acuminatum subsp. *implicatum*]

[*Panicum lanuginosum* Elliott var. *lindheimeri* (Nash) Fernald see *Dichanthelium acuminatum* subsp. *lindheimeri*]
 [*Panicum lanuginosum* Elliott var. *praecocius* (Hitchc. & Chase) McNeill & Dorr see *Dichanthelium ovale* subsp. *praecocius*]
 [*Panicum lanuginosum* Elliott var. *tennesseense* (Ashe) Gleason see *Dichanthelium acuminatum* subsp. *fasciculatum* (Torr.) Freckmann & Lelong]
 [*Panicum latifolium* L. see *Dichanthelium latifolium*]
 [*Panicum leibergii* (Vasey) Scribn. see *Dichanthelium leibergii*]
 [*Panicum leucothrix* Nash misapplied to regional flora, see *Dichanthelium acuminatum* subsp. *implicatum*]
 [*Panicum linearifolium* Scribn. see *Dichanthelium linearifolium*]
 [*Panicum meridionale* Ashe see *Dichanthelium acuminatum* subsp. *implicatum*]
Panicum miliaceum L. / broomcorn millet; proso millet
 native to Asia; state DOA noxious (CN) weed, 1st collected 1947, St. Louis Co., doubtfully persisting
 subsp. *miliaceum*
 subsp. *ruderae* (Kitag.) Tzvelev – reported for Minnesota by USDA but no specimens at MIN
 [*Panicum oligosanthes* Schult. var. *oligosanthes* see *Dichanthelium oligosanthes* subsp. *oligosanthes*]
 [*Panicum oligosanthes* Schult. var. *scribnerianum* (Nash) Fernald see *Dichanthelium oligosanthes* subsp. *scribnerianum*]
 [*Panicum perlongum* Nash see *Dichanthelium perlongum*]
Panicum philadelphicum Bernh. ex Trin. subsp. *philadelphicum* / Philadelphia panic grass
 [*Panicum praecocius* Hitchc. & Chase see *Dichanthelium ovale* subsp. *praecocius*]
 [*Panicum subvillosum* Ashe see *Dichanthelium acuminatum* subsp. *fasciculatum*]
 [*Panicum villosissimum* Nash see *Dichanthelium ovale* subsp. *villosissimum*]
 [*Panicum villosissimum* Nash var. *pseudopubescens* (Nash) Fernald see *Dichanthelium ovale* subsp. *pseudopubescens*]
Panicum virgatum L. / switch grass
 vars. not recognized
 [*Panicum wilcoxianum* Vasey see *Dichanthelium wilcoxianum*]
 [*Panicum xanthophysum* Gray see *Dichanthelium xanthophysum*]
Pascopyrum smithii (Rydb.) Barkworth & D.R. Dewey / western wheatgrass
 probably not native as known to have originated in sagebrush deserts of western North America;
 considered a possible hybrid of *Leymus triticoides* and *Elymus lanceolatus* fide M. Barkworth
 [*Paspalum ciliatifolium* Michx. see *P. setaceum*]
Paspalum setaceum Michx. / bead grass; fringe-leaf paspalum
 [var. *ciliatifolium* (Michx.) Vasey misapplied to our flora, see var. *muhlenbergii*]
 var. *muhlenbergii* (Nash) D.J. Banks
 poss. var. *stramineum* (Nash) D.J. Banks; known from WI
 [*Pennisetum glaucum* (L.) R. Br. misapplied to our flora, see *Setaria glauca*]
Phalaris arundinacea L. / reed canary grass
 disagreement exists as to whether native or alien forms occur; USDA considers this a native
Phalaris canariensis L. / annual canary grass
 native to southern Europe; introduced with bird seed but doubtfully persisting
Phleum pratense L. subsp. *pratense* / common timothy
 native to Europe
Phragmites australis (Cav.) Trin. ex Steud. / giant reed; common reed
 can be aggressive; many of our specimens appear to be hybrids between the two subsp.
 subsp. *americanus* Saltonstall
 subsp. *australis* – native to Europe
Piptatherum canadense (Poir.) Dorn / Canadian rice grass
 range extension from Manitoba and WI
Piptatherum pungens (Torr.) Dorn / mountain rice grass
Piptatherum racemosum (Sm.) Eaton / black-seed rice grass
Poa alpina L. subsp. *alpina* / alpine bluegrass
 report from Lake Co. not yet verified

Poa alsodes Gray / grove bluegrass
Poa annua L. / annual bluegrass; spear grass
 native to Eurasia
Poa arida Vasey / prairie bluegrass; Plains bluegrass
Poa bulbosa L. subsp. *vivipara* (Koel.) Arcang. / bulblet bluegrass
 native to Europe
Poa chaixii Vill. / tall bluegrass; broadleaf bluegrass
 native to northern Europe; known only from Duluth area (last collected 1949)
Poa compressa L. / Canada bluegrass; flat-stem bluegrass
 native to Europe
Poa glauca Vahl / glaucous bluegrass; white bluegrass
 subsp. *glauca*
 [subsp. *glauca* (Gaud.) Lindm. see subsp. *glauca*]
Poa interior Rydb. / inland bluegrass
 [*Poa languida* Hitchc. see *P. saltuensis* subsp. *languida*]
Poa nemoralis L. / woods bluegrass; forest bluegrass
 native to Europe; known only from St. Louis Co. (last collected 1945)
 [subsp. *interior* (Rydb.) W.A. Weber see *P. interior*]
Poa paludigena Fern. & Wieg. / bog bluegrass; marsh bluegrass
 state Threatened list; northwest limit of distribution
Poa palustris L. / meadow bluegrass; waterfowl meadow grass
Poa pratensis L. / Kentucky bluegrass
 only the subspecies found in the arctic and subarctic are proven North American natives;
 others have yet to be fully evaluated; numerous cultivars have also been produced and add to
 the complexity
 subsp. *agassizensis* (B. Boivin & D. Löve) Roy L. Taylor & MacBryde – habitat: prairies
 possibly native or a derivative of cultivated forms
 subsp. *angustifolia* (L.) Lej. – native to western Eurasia
 subsp. *pratensis* – widespread; probably not native
Poa saltuensis Fern. & Wieg. / old-pasture bluegrass
 subsp. *languida* (Hitch.) A. Haines
 subsp. *saltuensis*
 [*Poa scopulorum* Butters & Abbe see *P. glauca*]
Poa secunda J. Presl subsp. *juncifolia* (Scribn.) Soreng / curly blue grass
 reported for Minnesota by USDA and NatureServe but no specimens at MIN; known from Canada, ND, SD
Poa sylvestris Gray / forest bluegrass; woodland bluegrass
 [*Poa x tormentuosa* (*P. glauca* x *nemoralis*) Butters & Abbe see *P. glauca*]
Poa trivialis L. subsp. *trivialis* / rough-stalk bluegrass; rough-stalk meadow grass
 native to Europe
Poa wolfii Scribn. / Wolf's bluegrass
 state Special Concern list
Polypogon monspeliensis (L.) Desf. / annual rabbit's-foot grass
 native of Europe; known only from Polk Co. (one agricultural population, collected 1993),
 doubtfully persisting
Psathyrostachys juncea (Fisch.) Nevski / Asian wild rye; Russian wild rye
 native to Asia; known only from Goodhue Co. (one roadside population, collected 1977);
 reports in FNA from southwestern counties not verified
Puccinellia distans (Jacq.) Parl. / European alkali grass; spreading alkali grass
 native to Eurasia
Puccinellia nuttalliana (Schult.) Hitchc. / Nuttall's alkali grass
 [*Puccinellia pallida* (Torr.) R.T. Clausen see *Torreyochloa pallida*]
Schedonnardus paniculatus (Nutt.) Trel. / tumble grass
 state Special Concern list
Schedonorus arundinaceus (Schreb.) Dumort. / tall fescue; meadow rye grass
 native to Eurasia
Schedonorus pratensis (Huds.) P. Beauv. / meadow fescue; meadow rye grass

native to Europe
Schizachne purpurascens (Torr.) Swallen / false melic
 vars. not recognized
Schizachyrium scoparium (Michx.) Nash var. *scoparium* / little bluestem
Scolochloa festucacea (Willd.) Link / sprangletop; common river grass
Secale cereale L. / cultivated rye
 native to Europe
Setaria faberi R.A.W. Herrm. / giant foxtail; Chinese foxtail
 native to China; state DOA noxious (CN) weed, 1st collected 1957, Blue Earth Co.
 [*Setaria glauca* (L.) P. Beauv. see *S. pumila*]
Setaria italica (L.) P. Beauv. / foxtail millet; foxtail bristle grass
 native to Eurasia
 [*Setaria lutescens* (Weigel) Hubbard misapplied to North America, see *S. pumila*]
Setaria pumila (Poir.) Roem. & Schult. subsp. *pumila* / yellow foxtail; pearl millet
 native to Europe
Setaria verticillata (L.) P. Beauv. / bristly foxtail; hooked bristle grass
 native to Europe
Setaria viridis (L.) P. Beauv. / green foxtail; green bristle grass
 native to Eurasia now a cosmopolitan weed
 var. *major* (Gaudin) Peterm.
 var. *viridis*
Sorghastrum nutans (L.) Nash / Indian grass
Sorghum xalmum Parodi / sorghum; Columbus grass
 native to Argentina; state DOA listed weed but no specimens at MIN; known from Dane Co. WI
Spartina gracilis Trin. / alkali cord grass
Spartina pectinata Link / prairie cord grass; santu'hu tan'ka (Lakota)
Sphenopholis intermedia (Rydb.) Rydb. / slender wedge grass; prairie wedgescale
Sphenopholis obtusata (Michx.) Scribn. / prairie wedge grass; prairie wedgescale
 [var. *major* (Torr.) Erdman see *Sphenopholis intermedia*]
 [*Sporobolus asper* (Michx.) Kunth see *S. compositus*]
Sporobolus compositus (Poir.) Merr. var. *compositus* / tall dropseed; rough dropseed
Sporobolus cryptandrus (Torr.) Gray / sand dropseed
 vars. not recognized
Sporobolus heterolepis (Gray) Gray / prairie dropseed; northern dropseed
Sporobolus neglectus Nash / puffsheath dropseed; small dropseed
Sporobolus vaginiflorus (Torr. ex Gray) Alph. Wood var. *vaginiflorus* / poverty dropseed; poverty grass
 [*Stipa comata* Trin. & Rupr. see *Hesperostipa comata*]
 [*Stipa spartea* Trin. see *Hesperostipa spartea*]
 [*Stipa viridula* Trin. see *Nassella viridula*]
Torreyochloa pallida (Torr.) Church / pale false mannagrass; Torrey's mannagrass
 state Special Concern list
 subsp. *fernaldii* (Hitchc.) Dore
 subsp. *pallida*
Tridens flavus (L.) Hitchc. var. *flavus* / tall redtop; purpletop
 reported for Minnesota by USDA-NCRS but no specimens at MIN; to be expected
 in the far southeastern corner (known from IA, WI)
Triplasis purpurea (Walter) Chapm. var. *purpurea* / purple sandgrass
 state Special Concern list
Trisetum spicatum (L.) K. Richt. / spike trisetum
Triticum aestivum L. / cultivated wheat; bread wheat
 native to Eurasia; occasionally persisting near cultivated fields
Vulpia octoflora (Walter) Rydg. / six-weeks fescue; eight-flower six-weeks fescue
 var. *glauca* (Nutt.) Fernald
 prob. var. *octoflora* – widespread in US
Zizania aquatica L. / southern wildrice
 var. *aquatica* – reported for western counties by FNA probably based on

misidentified specimens; no specimens at MIN
[var. *angustifolia* A.S. Hitchc. see *Z. palustris* var. *palustris*]
[var. *interior* Fassett see *Z. palustris* var. *interior*]
Zizania palustris L. / northern wildrice; mahnomen
var. *interior* (Fassett) Dore
var. *palustris*

Podostemaceae

Podostemum ceratophyllum Michx. / horfleaf riverweed
reported for Minnesota by USDA Plants but no specimens at MIN

Polemoniaceae

Collomia linearis Nutt. / tiny trumpets; narrow-leaf mountain trumpet
Phlox divaricata L. var. *laphamii* (A.W. Wood) Wherry / wild blue phlox; forest phlox
Phlox maculata L. / wild sweet william; meadow phlox
Phlox paniculata L. / summer phlox
native to eastern US
Phlox pilosa L. var. *fulgida* (Wherry) Wherry / prairie phlox; downy phlox
Phlox subulata L. var. *subulata* / moss phlox; moss-pink
native to eastern US
Polemonium occidentale Greene subsp. *lacustre* Wherry / western jacob's-ladder
state Endangered list
Polemonium reptans L. / spreading jacob's-ladder; Greek-valerian

Polygalaceae

Polygala cruciata L. / cross-leaf milkwort; drumheads
state Endangered list; northwest limit of distribution
Polygala paucifolia Willd. / fringed milkwort; gaywings
Polygala polygama Walter var. *obtusata* Chodat / bitter milkwort; racemed milkwort
Polygala sanguinea L. / purple milkwort; blood milkwort
Polygala senega L. / Seneca milkwort
Polygala verticillata L. var. *isocycla* Fernald / whorled milkwort

Polygonaceae [fide FNA 2005, vol. 5]

The genus *Polygonum* has been divided into several genera distinguished, in part, on the basis of the outer tepals winged, keeled, or neither and whether the ocreae are chartaceous or hyaline; this has resulted in numerous name changes.

Bistorta vivipara (L.) Delarbre / alpine bistort; serpent-grass
state Special Concern list; reproduces mostly asexually
Eriogonum annuum Nutt. / annual wild buckwheat
native to western Great Plains; known only from Sherburne Co., Sherburne National Wildlife Refuge (last collected 2002), apparently introduced with roadside plantings
vars. not recognized
Fagopyrum esculentum Moench / garden buckwheat
native to China
Fallopia xbohemica (Chrtek & Chrtková) J.P. Bailey (*F. japonica* x *sachalinensis*) / Bohemian knotweed; hybrid Japanese knotweed
native to Europe; known only from Duluth area (collected 2000)
Fallopia cilinodis (Michx.) Holub / fringed black-bindweed
Fallopia convolvulus (L.) A. Löve / black-bindweed; false wild buckwheat
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1879, Cook Co.
Fallopia dumetorum (L.) Holub / corpse bindweed; climbing false buckwheat
native to Eurasia; to be expected on disturbed sites along forest edges (known from IA, WI and MI); easily and often confused with *F. scandens*
Fallopia japonica (Houtt.) Ronse Decr. var. *japonica* / Japanese laceflower; Mexican-bamboo
native to southeast Asia

Fallopia scandens (L.) Holub / climbing knotweed; climbing false buckwheat

Persicaria amphibia (L.) Gray / water smartweed
 vars. not formally recognized in FNA but acknowledged as being somewhat distinctive
 (var. *emersa* (Michx.) J.C. Hickman)
 (var. *stipulacea* (N. Coleman) H. Hara)

Persicaria arifolia (L.) K. Haraldson / halberd-leaf tearthumb

Persicaria bungeana (Turcz.) Nakai / Bunge's smartweed; hybrid knotweed
 native to Eurasia

Persicaria careyi (Olney) Greene / Carey's smartweed
 state Special Concern list, western limit of distribution; known only from Carlton Co.
 (one roadside population, collected 1940)

Persicaria hydropiper (L.) Spach / mild water-pepper; common smartweed
 native to Europe; oily glands can cause skin irritation; sometimes confused with *P. punctata*

Persicaria hydropiperoides (Michx.) Small / false water-pepper; swamp smartweed
 highly variable in appearance

Persicaria lapathifolia (L.) Gray / pale smartweed; dock-leaf smartweed
 highly variable in appearance

Persicaria longiseta (Bruijn) Kitag. / bristly lady's-thumb; Oriental lady's-thumb
 reported for Minnesota by Ownbey & Morley 1991 and FNA but no specimens at MIN;
 native to eastern Asia

Persicaria maculosa Gray / lady's-thumb
 native to Eurasia, Africa and Oceania; state DOA noxious (CN) weed, 1st collected 1877,
 Hennepin Co.; may cause skin irritation

Persicaria orientalis (L.) Spach / princess feather; kiss-me-over-the-garden-gate
 native to India

Persicaria pensylvanica (L.) M. Gómez / pinkweed; Pennsylvania smartweed
 state DOA noxious (CN) weed; highly variable in appearance; may cause skin irritation

Persicaria punctata (Elliott) Small / dotted smartweed; water knotweed
 vars. not recognized

Persicaria sagittata (L.) H. Gross / arrowleaf tearthumb
 highly variable in appearance

Persicaria virginiana (L.) Gaertn. / jumpseed

Polygonella articulata (L.) Meisn. / coastal jointweed

Polygonum achoreum S.F. Blake / leathery knotweed

[*Polygonum amphibia* L. see *Persicaria amphibia*]

[*Polygonum arenastrum* Boreau see *P. aviculare* subsp. *depressum*]

[*Polygonum arifolium* L. see *Persicaria arifolia*]

Polygonum aviculare L. / prostrate knotweed; yard knotweed
 subsp. *aviculare*
 native to Eurasia
 subsp. *buxiforme* (Small) Costea & Tardif
 subsp. *neglectum* (Besser) Arcang.
 native to Europe
 subsp. *depressum* (Meisn.) Arcang.
 native to Europe
 poss. subsp. *rurivagum* (Jord. ex Boreau) Berher
 native to Europe; known from Manitoba, IA, SD, in disturbed places

[*Polygonum xbohemicum* (Chrtek & Chrtková) Zika & A.L. Jacobson see *Fallopia xbohemica*]

[*Polygonum bungeanum* Turcz. see *Persicaria bungeana*]

[*Polygonum careyi* Olney see *Persicaria careyi*]

[*Polygonum cespitosum* Blume misapplied to our flora, see *Persicaria longiseta*]

[*Polygonum cilinode* Michx. see *Fallopia cilinodis*]

[*Polygonum coccineum* (Muhl. ex Willd.) Greene see *Persicaria amphibia* var. *emersa*]

[*Polygonum convolvulus* L. see *Fallopia convolvulus*]

[*Polygonum cristatum* Engelm. & Gray see *Fallopia scandens*]

[*Polygonum cuspidatum* Sieb. & Zucc. see *Fallopia japonica*]

Polygonum douglasii Greene / Douglas' knotweed
 [*Polygonum dubium* Stein see *Persicaria maculosa*]
 [*Polygonum dumetorum* L. see *Fallopia dumetorum*]
Polygonum erectum L. / erect knotweed
 [*Polygonum hydropiper* L. see *Persicaria hydropiper*]
 [*Polygonum hydropiperoides* Michx. see *Persicaria hydropiperoides*]
 [*Polygonum lapathifolium* L. see *Persicaria lapathifolia*]
 [*Polygonum orientale* L. see *Persicaria orientalis*]
 [*Polygonum pennsylvanicum* L. see *Persicaria pennsylvanica*]
 [*Polygonum persicaria* L. see *Persicaria maculosa*]
 [*Polygonum punctatum* Elliott see *Persicaria punctata*]
Polygonum ramosissimum Michx. / bushy knotweed; yellow-flower knotweed
 subsp. *ramosissimum*
 subsp. *prolificum* (Small) Costea & Tardif – known only from Lac Qui Parle Co.
 (collected 1988); but most of our specimens have not been identified to subspecific level
 [*Polygonum sagittatum* L. see *Persicaria sagittata*]
 [*Polygonum scabrum* Moench see *Persicaria lapathifolia*]
 [*Polygonum scandens* L. see *Fallopia scandens*]
Polygonum tenue Michx. / pleated knotweed; pleat-leaf knotweed
 [*Polygonum virginianum* L. see *Persicaria virginiana*]
 [*Polygonum viviparum* L. see *Bistorta vivipara*]
Rheum rhabarbarum L. / garden rhubarb
 native to Siberia; leaf blades toxic to humans and animals
Rumex acetosa L. / garden sorrel; common sorrel
 native to Eurasia and northwest Africa; occasionally misidentified as *R. acetosella*
Rumex acetosella L. / common sheep sorrel; red sorrel
 native to Eurasia; polyploidy complex highly variable in appearance
Rumex alpinus L. / monk's-rhubarb; alpine dock
 native to Eurasia; known only from Cook Co. (collected 1977); only known specimen at UWSP
Rumex altissimus Alph. Wood / pale dock; tall dock
Rumex britannica L. / greater water dock; British dock
Rumex crispus L. / curly dock; yellow dock
 native to Eurasia; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.
Rumex fueginus Phil. / American golden dock
 frequently misidentified as *R. maritimus* which is native to Eurasia and known from Yukon and
 Alaska, *R. maritimus* rarely appears elsewhere
Rumex longifolius DC. / dooryard dock
 native to Eurasia
 [*Rumex maritimus* L. var. *fueginus* (Phil.) Hultén see *R. fueginus*]
 [*Rumex mexicanus* Meisn. misapplied to Minnesota material, see *R. triangulivalvis*]
Rumex obtusifolius L. / bitter dock; blunt-leaf dock
 native to Eurasia
 vars. not recognized
Rumex occidentalis S. Watson / western dock
 reported for Minnesota by FNA but no specimens at MIN, known from Canada, ND, SD, and IA,
 weedy in wet meadows, bogs, on riverbanks, etc.; frequently misidentified as *R. longifolius*
 [*Rumex orbiculatus* Gray see *R. britannica*]
Rumex patientia L. / patience dock
 native to Eurasia
Rumex xpratensis Mert. & Koch (*R. crispus* x *obtusifolius*) / dock
 common sterile hybrid to be expected on disturbed sites if parents nearby
Rumex pseudonatronatus (Borbás) Murb. / Finnish dock; field dock
 native to Eurasia; frequently misidentified as *R. longifolius* and sometimes *R. crispus*
 [*Rumex salicifolius* Weinm. misapplied to Minnesota material, see *R. triangulivalvis*]
Rumex stenophyllus Ledeb. / narrow-leaf dock
 native to Eurasia

Rumex triangulivalvis (Danser) Rech.f. / willow dock; triangle-valve dock
Rumex venosus Pursh / veiny dock
reported for Minnesota by FNA but no specimens at MIN, known from Manitoba, ND, SD,
IA and WI; weedy on sandy soils
Rumex verticillatus L. / swamp dock; water dock
[*Tovara virginiana* (L.) Raf. see *Persicaria virginiana*]

Pontederiaceae [fide FNA 2002, vol. 3]

Eichhornia crassipes (Mart.) Solms / water-hyacinth
native to tropical America; reported from Winona Co. though probably not
persisting (no specimens at MIN)
Heteranthera dubia (Jacq.) MacMill. / water stargrass
Heteranthera limosa Willd. / mud-plantain
state Threatened list; northeast limit of distribution
Pontederia cordata L. / pickerelweed
[*Zosterella dubia* (Jacq.) Small see *Heteranthera dubia*]

Portulacaceae [fide FNA 2003, vol. 4]

Claytonia caroliniana Michx. / Carolina spring beauty
state Special Concern list
Claytonia virginica L. / Virginia spring beauty; eastern spring beauty
Montia chamissoi Ledeb. ex Spreng. / Chamisso's montia; miner's-lettuce
state Endangered list, disjunct from Rocky Mountains; known only
from Winona Co. (last collected 1985)
Potulaca grandiflora L. / moss-rose
reported for Minnesota by FNA but no specimens at MIN, escaping and naturalizing
near gardens; native to South America
Portulaca oleracea L. / common purslane; little hogweed
native to southern Eurasia; some ethnobotanical evidence suggests this was
introduced to the western hemisphere in pre-Columbian times; known to have the highest
antioxidant content of any leafy plant examined
Pemmeranthus parviflorus (Nutt.) Kiger / prairie fameflower; sunbright
Pemmeranthus rugospermus (Holz.) Kiger / sand fameflower; rough-seed fameflower
state Endangered list; northern limit of distribution
[*Talinum parviflorum* Nutt. see *Pemmeranthus parviflorus*]
[*Talinum rugospermum* Holz. see *Pemmeranthus rugospermus*]

Potamogetonaceae [fide FNA 2000, vol. 22]

[*Coleogeton filiformis* (Pers.) D.H. Les & R.R. Haynes see *Stuckenia filiformis*]
[*Coleogeton pectinatus* (L.) D.H. Les & R.R. Haynes see *Stuckenia pectinata*]
[*Coleogeton vaginatus* (Turcz.) D.H. Les & R.R. Haynes see *Stuckenia vaginata*]
Potamogeton alpinus Balb. / red pondweed; northern pondweed
vars. not recognized
Potamogeton amplifolius Tuck. / large-leaf pondweed; water-cabbage
Potamogeton bicupulatus Fernald / snail-seed pondweed
state Endangered list; disjunct from eastern US
Potamogeton crispus L. / curly pondweed
native to Eurasia; DNR prohibited exotic species; 1st collected 1929, Hennepin Co.
Potamogeton diversifolius Raf. / waterthread pondweed; diverse-leaved pondweed
state Endangered list
[var. *trichophyllus* Morong see *P. bicupulatus*]
Potamogeton epihydrus Raf. / ribbonleaf pondweed
[*Potamogeton filiformis* Pers. see *Stuckenia filiformis*]
Potamogeton foliosus Raf. subsp. *foliosus* / leafy pondweed
Potamogeton friesii Rupr. / flat-stalk pondweed; Fries' pondweed
Potamogeton gramineus L. / grassy pondweed; variable pondweed

Potamogeton xhaynesii Hellq. & G.E. Crow (*P. strictifolius* x *zosteriformis*) / pondweed
 only known specimen from Minnesota deposited at GH
Potamogeton illinoensis Morong / Illinois pondweed
 [*Potamogeton lateralis* Morong – an invalid name]
Potamogeton natans L. / floating pondweed; floating-leaf pondweed
Potamogeton nodosus Poir. / long-leaf pondweed
Potamogeton oakesianus J.W. Robbins / Oakes' pondweed
 known only from Hubbard Co., Itasca State Park (one population, collected 1962)
Potamogeton obtusifolius Mert. & W.D.J. Koch / blunt-leaf pondweed
 [*Potamogeton pectinatus* L. see *Stuckenia pectinata*]
Potamogeton praelongus Wulfen / white-stem pondweed
Potamogeton pulcher Tuck. / spotted pondweed
 reported for Minnesota by FNA but no specimens at MIN, known from Ontario, MI, WI
Potamogeton pusillus L. / small pondweed; slender pondweed
 subsp. *pusillus*
 subsp. *tenuissimus* (Mert. & W.D.J. Koch) R.R. Haynes & Hellq.
Potamogeton richardsonii (A. Benn.) Rydb. / red-head pondweed; Richardson's pondweed
Potamogeton robbinsii Oakes / fern pondweed; Robbins' pondweed
Potamogeton xspathuliformis (J.W. Robbins) Morong (*P. gramineus* x *illinoensis*) / pondweed
 reported for Minnesota by FNA but no specimens at MIN; known from IA, MI, NE, WI
Potamogeton spirillus Tuck. / spiral pondweed; northern snailseed pondweed;
Potamogeton strictifolius A. Benn. / straight-leaf pondweed; narrow-leaf pondweed;
 [*Potamogeton vaginatus* Turcz. see *Stuckenia vaginata*]
Potamogeton vaseyi J.W. Robbins / Vasey's pondweed
 state Special Concern list
Potamogeton zosteriformis Fernald / flat-stem pondweed
Stuckenia filiformis (Pers.) Böner / thread-leaf pondweed; filiform pondweed
 subsp. *alpina* (Blytt) R.R. Haynes, D.H. Les & M. Král
 subsp. *occidentalis* (J.W. Robbins) R.R. Haynes, D.H. Les & M. Král
Stuckenia pectinata (L.) Böner / sago pondweed; fennel-leaf pondweed
Stuckenia vaginata (Turcz.) Holub / big-sheath pondweed; sheathed pondweed
 state Special Concern list (last collected 1956)
Zannichellia palustris L. / horned-pondweed

Primulaceae

[*Anagallis* see Myrsinaceae]
Androsace occidentalis Pursh / western rock-jasmine; western androsace
Androsace septentrionalis L. / pygmy-flower rock-jasmine; northern androsace
 state Special Concern list
 [*Centunculus* see *Anagallis*, Myrsinaceae]
 [*Dodecatheon amethystinum* (Fassett) Fassett see *D. radicum*]
Dodecatheon meadia L. var. *meadia* / prairie shooting star; pride-of-Ohio
 state Endangered list
Dodecatheon radicum Greene var. *radicum* / jeweled shooting star; dark-throat shooting star
 [*Glaux* see Myrsinaceae]
 [*Lysimachia* see Myrsinaceae]
Primula mistassinica Michx. / birds-eye primrose; Lake Mistassini primrose
 [*Trientalis* see Myrsinaceae]

Pyrolaceae see Ericaceae

R

Ranunculaceae [fide FNA 1997, vol. 3]

Aconitum napellus L. / monkshood
 native to Europe; known only from Cook Co. (one roadside population, collected 1975)
 [*Actaea alba* (L.) Mill. see *A. pachypoda*]

Actaea pachypoda Elliott / doll's eyes; white baneberry
plants poisonous

Actaea rubra (Aiton) Willd. / red baneberry
plants poisonous

Anemone acutiloba (DC.) G. Lawson / sharp-lobed hepatica; liverwort

Anemone americana (DC.) H. Hara / round-lobed hepatica; liverwort

Anemone canadensis L. / Canada anemone; round-leaf tumbleweed

Anemone caroliniana Walter / Carolina anemone; Carolina tumbleweed

Anemone cylindrica Gray / long-head thimbleweed; candle anemone

Anemone halleri All. / glacial anemone
native to Europe; known only from Freeborn Co. (collected 1995), introduced with prairie planting

Anemone multifida Poir. var. *multifida* / cut-leaf anemone; red windflower
known only from Mahnomen Co. (one roadside population, collected 1941)

Anemone patens L. var. *multifida* Pritz. / American pasque flower; prairie-smoke
plants poisonous

Anemone quinquefolia L. var. *quinquefolia* / wood anemone; nightcaps
[*Anemone riparia* Fernald see *A. virginiana* var. *alba*]

Anemone virginiana L. / tall thimbleweed
var. *alba* (Oakes) A.W. Wood
var. *cylindroidea* B. Boivin
reported for Minnesota by FNA but no specimens at MIN
var. *virginiana*

[*Anemonella thalictroides* (L.) Spach see *Thalictrum thalictroides*]

Aquilegia canadensis L. / red columbine

Aquilegia vulgaris L. / European columbine
reported as a garden escape for Minnesota by FNA, but no specimens at MIN; native to Europe

Caltha natans Pall. / floating marsh-marigold
state Endangered list; southern limit of distribution

Caltha palustris L. / yellow marsh-marigold; cow slip

[*Ceratocephala testiculata* (Crantz) Roth see *Ranunculus testiculatus*]

Clematis occidentalis (Hornem.) DC. var. *occidentalis* / purple clematis; western blue virgin's-bower

Clematis terniflora DC. / sweet autumn clematis; yam-leaf clematis
native to eastern Asia; known only from Duluth area (one population, collected 1995)

[*Clematis verticillaris* DC. see *C. occidentalis*]

Clematis virginiana L. / Virginia virgin's-bower; devil's darning needles
may cause severe skin irritation

Consolida ajacis (L.) Schur / larkspur; knight's-spur
native to Europe and Africa; known only from Polk Co. (historical collection 1882),
probable escapee from cultivation

[*Coptis groenlandica* (Oeder) Fernald see *C. trifolia*]

Coptis trifolia (L.) Salisb. / three-leaf goldthread

Delphinium carolinianum Walter subsp. *virescens* (Nutt.) R.E. Brooks / Plains larkspur; Carolina delphinium
plants toxic

[*Delphinium virescens* Nutt. see *D. carolinianum*]

Enemion biternatum Raf. / eastern false rue-anemone

[*Hepatica acutiloba* DC. see *Anemone acutiloba*]

[*Hepatica americana* (DC.) Ker Gawl. see *Anemone americana*]

[*Hepatica nobilis* Schreb. var. *acuta* (Pursh) Steyerm. see *Anemone acutiloba*]

[*Hepatica nobilis* Schreb. var. *obtusa* (Pursh) Steyerm. see *Anemone americana*]

Hydrastis canadensis L. / goldenseal
state Endangered list; northwest limit of distribution

[*Isopyrum biternatum* (Raf.) Torr. & Gray see *Enemion biternatum*]

Myosurus minimus L. / tiny mouse-tail

Nigella damascena L. / love-in-a-mist; devil-in-the-bush
native to Eurasia; known only from Otter Tail Co. (one weedy population, collected 1975),
doubtfully persisting

[*Pulsatilla nuttalliana* (DC.) Spreng. see *Anemone patens*]
Ranunculus abortivus L. / kidneyleaf buttercup; aborted buttercup
toxic to livestock
Ranunculus acris L. / tall buttercup
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1878, St. Louis Co.; can
cause severe skin irritation, toxic to livestock
Ranunculus aquatilis L. var. *diffusus* With. / white water buttercup
[*Ranunculus circinatus* Sibth. see *R. aquatilis*]
Ranunculus cymbalaria Pursh / alkali buttercup; seaside buttercup
plant highly toxic
Ranunculus fascicularis Muhl. ex J.M. Bigelow / early buttercup
Ranunculus flabellaris Raf. / greater yellow water buttercup
Ranunculus flammula L. / greater creeping spearwort; creeping buttercup
[*var. filiformis* (Michx.) Hook. see *var. reptans*]
var. ovalis (J.M. Bigelow) L.D. Benson
var. reptans (L.) E. Mey.
Ranunculus gmelinii DC. / lesser yellow water buttercup; small yellow water buttercup
vars. not recognized
Ranunculus hispidus Michx. / bristly buttercup; swamp buttercup
var. caricetorum (Greene) T. Duncan
var. nitidus (Chapm.) T. Duncan
Ranunculus lapponicus L. / Lapland buttercup
state Special Concern list
[*Ranunculus longirostris* Godr. see *R. aquatilis*]
Ranunculus macounii Britton / Macoun's buttercup
Ranunculus pensylvanicus L.f. / bristly buttercup; Pennsylvania buttercup
Ranunculus recurvatus Poir. var. *recurvatus* / hooked buttercup; blisterwort
Ranunculus repens L. / creeping buttercup
native to Eurasia
Ranunculus rhomboideus Goldie / Labrador buttercup; prairie buttercup
Ranunculus sceleratus L. / cursed buttercup
plants highly toxic
var. multifidus Nutt.
var. sceleratus
[*Ranunculus subrigidus* W.B. Drew see *R. aquatilis*]
Ranunculus testiculatus Crantz / curved-seed buttercup
native to Eurasia; known only from Rock Co. (collected 1981), doubtfully persisting
[*Ranunculus trichophyllus* Chaix see *R. aquatilis*]
[*Thalictrum confine* Fern. misapplied to our flora, see *T. venulosum*]
Thalictrum dasycarpum Fisch. & Avé-Lall. / purple meadow-rue; tall meadow-rue
Thalictrum dioicum L. / early meadow-rue
Thalictrum revolutum DC. / skunk meadow-rue; wax-leaved meadow-rue
although FNA indicates this as widespread in northeastern Minnesota, it is known only
from one population in St. Louis Co. (collected 1914)
Thalictrum thalictroides (L.) A.J. Eames & B. Boivin / rue-anemone
roots possibly toxic
Thalictrum venulosum Trel. / veiny-leaf meadow-rue

Rhamnaceae

Ceanothus americanus L. var. *pitcheri* Torr. & Gray / New Jersey-tea
Ceanothus herbaceus Raf. / New Jersey-tea; prairie redroot
[*Frangula alnus* Mill. see *Rhamnus frangula*]
Rhamnus alnifolia L'Hér. / alder-leaf buckthorn
Rhamnus cathartica L. / European buckthorn
native to Eurasia; state DOA restricted noxious weed, 1st collected 1937, Hennepin Co.
Rhamnus frangula L. / European alder buckthorn; glossy buckthorn

native to Europe; state DOA restricted noxious weed, 1st collected 1938, Ramsey Co.

Rosaceae

Agrimonia gryposepala Wallr. / hairy agrimony; tall hairy groovebur

Agrimonia pubescens Wallr. / soft groovebur

Agrimonia striata Michx. / roadside agrimony; woodland groovebur

Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. / western juneberry; Saskatoon serviceberry

Amelanchier arborea (F. Michx.) Fernald / downy serviceberry

Amelanchier bartramiana (Tausch) M. Roem. / mountain serviceberry; oblong-fruit serviceberry

[*Amelanchier humilis* Wiegand see *A. sanguinea*]

[*Amelanchier huronensis* Wiegand see *A. sanguinea*]

Amelanchier interior E.L. Nielsen / inland serviceberry

Amelanchier xintermedia Spach (*A. arborea* x *canadensis*) / swamp serviceberry; intermediate serviceberry

Amelanchier laevis Wiegand / smooth juneberry; Allegheny serviceberry

[*Amelanchier mucronata* E.L. Nielsen see *A. spicata* or *humilis*]

Amelanchier xneglecta Egglest. ex G.N. Jones (*A. bartramiana* x *laevis*) / neglected serviceberry

Amelanchier sanguinea (Pursh) DC. var. *sanguinea* / round-leaf serviceberry; low juneberry

Amelanchier spicata (Lam.) K. Koch / dwarf serviceberry; running serviceberry

[*Amelanchier stolonifera* Wiegand see *A. spicata*]

Amelanchier wiegandii E.L. Nielsen / serviceberry

[*Argentina anserina* (L.) see *Potentilla anserina*]

Aronia melanocarpa (Michx.) Elliott / black chokeberry

Chamaerhodos erecta (L.) Bunge / little rose

[*Chamaerhodos nuttallii* Pickering ex Rydb. see *C. erecta*]

[*Comarum palustre* (L.) Scop. see *Potentilla palustris*]

Cotoneaster acutifolius Turcz. var. *lucidus* (Schlect.) L.T. Lu / Peking cotoneaster; hedge cotoneaster
native to southeast Asia; known only from St. Louis Co. (collected 2004)

Crataegus, like *Rubus*, is a complex taxon with much hybridization, polyploidization, and apomixis occurring among the species. The group as a whole is difficult to separate into species and there has been disagreement regarding species distinctions. Until further research definitively clarifies the nomenclature, the following is a list of those names applied to our species.

Crataegus calpodendron (Ehrh.) Medik. / pear hawthorn

Recognized by all sources

Crataegus chrysoarpa Ashe / fireberry hawthorn; red haw

Recognized by all sources; USDA-NCRS 2008 and NatureServe 2008 recognize 2 vars.,
ours would be var. *chrysoarpa*

Crataegus coccinea L. / scarlet hawthorn; red haw

Known only from Houston Co.

USDA-NCRS 2008 includes this in *C. chrysoarpa* var. *chrysoarpa*

Not recognized by NatureServe 2008

Gleason & Cronquist 1991 recognize this taxon

Crataegus douglasii Lindl. / black hawthorn; douglas's hawthorn

State Threatened list; disjunct from western North America

Recognized by all sources; NatureServe 2008 recognizes 2 vars., ours would be var. *douglasii*

Crataegus faxonii Sarg. / Faxon's hawthorn; red haw

USDA-NCRS 2008 and Gleason & Cronquist 1991 include this in *C. chrysoarpa*

Not recognized by NatureServe 2008

Crataegus flabellata (Bosc ex Spach) K. Koch / fan-leaf hawthorn

Recognized by all sources (however NatureServe 2008 does not report it this far west)

Crataegus irrasa Sarg. / Blanchard's hawthorn

Recognized by USDA-NCRS 2008 and NatureServe 2008

Gleason & Cronquist 1991 include this in *C. chrysoarpa*

Crataegus macracantha Lodd. / fleshy hawthorn

USDA-NCRS 2008 includes this in *C. succulenta*

Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Crataegus macrosperma Ashe / big-fruit hawthorn

Recognized by USDA-NCRS 2008 and NatureServe 2008
 Gleason & Cronquist 1991 include this in *C. flabellata*
Crataegus mollis (Torr. & Gray) Scheele / downy hawthorn
 Recognized by all sources
Crataegus pedicellata Sarg. / scarlet hawthorn
 Recognized by USDA-NCRS 2008 and NatureServe 2008; however not known from MN—previous reports based on misidentified specimen
 Gleason & Cronquist 1991 include this in *C. coccinea*
Crataegus pringlei Sarg. / Pringle's hawthorn
 Recognized by USDA-NCRS 2008 and NatureServe 2008; however not reported for MN
 Gleason & Cronquist 1991 include this in *C. coccinea*
Crataegus punctata Jacq. / dotted hawthorn
 Recognized by all sources
Crataegus roanensis Ashe / roan hawthorn
 USDA-NCRS 2008 includes this in *C. macrosperma*
 Not recognized in NatureServe 2008 or Gleason & Cronquist 1991
Crataegus scabrada Sarg. / rough hawthorn
 Known only from Houston Co.
 Recognized by USDA-NCRS 2008 and NatureServe 2008
 Not recognized by Gleason & Cronquist 1991
Crataegus schuettei Ashe / Schuette's hawthorn
 USDA-NCRS 2008 and NatureServe 2008 recognize this taxon; however not reported for MN
 Gleason & Cronquist 1991 includes this in *C. flabellata*
Crataegus submollis Sarg. / Quebec hawthorn
 USDA-NCRS 2008 and NatureServe 2008 recognize this taxon
 Gleason & Cronquist 1991 includes this in *C. mollis*
Crataegus succulenta Schrad. ex Link / succulent hawthorn; fleshy hawthorn
 Recognized by all sources
 [*Dasiphora floribunda* (Pursh) Raf. see *Potentilla fruticosa*]
 [*Dryocallis arguta* (Pursh) Rydb. see *Potentilla arguta*]
Filipendula ulmaria (L.) Maxim. / queen-of-the-meadow
 native to Eurasia
 var. *denudata* (J. Presl & K. Presl) Hayek
 var. *ulmaria*
Fragaria vesca L. var. *americana* Porter / woodland strawberry
Fragaria virginiana Duchesne / Virginia strawberry
Geum aleppicum Jacq. var. *strictum* (Aiton) Fernald / yellow avens
Geum canadense Jacq. / white avens
Geum laciniatum Murray / rough avens
Geum macrophyllum Willd. var. *perincisum* (Rydb.) Raup / large-leaf avens
Geum rivale L. / water avens; purple avens
Geum triflorum Pursh / prairie smoke; old-man's-whiskers
 [*Malus* see *Pyrus*]
 [*Pentaphylloides floribunda* (Pursh) A. Löve see *Potentilla fruticosa*]
 [*Photinia melanocarpa* (Michx.) K.R. Robertson & J.B. Phipps see *Aronia melanocarpa*]
Physocarpus opulifolius (L.) Maxim. / common ninebark; Atlantic ninebark
 var. *intermedius* (Rydb.) B.L. Rob.
 var. *opulifolius*
Potentilla anserina L. / common silverweed
Potentilla argentea L. / silvery cinquefoil; silver-leaf cinquefoil
 native to Europe
Potentilla arguta Pursh / tall cinquefoil
 [*Potentilla bipinnatifida* Dougl. ex Hook. see *P. pensylvanica* var. *bipinnatifida*]
Potentilla effusa Dougl. ex Lehm. / Great Plains cinquefoil; branched cinquefoil
 [*Potentilla finitima* Kohli & Packer see *P. pensylvanica* var. *arida*]
Potentilla flabelliformis Lehm. / comb cinquefoil; graceful cinquefoil

Potentilla fruticosa L. / shrubby cinquefoil; golden hardhack
 [*Potentilla gracilis* Douglas ex Hook. see *P. flabelliformis*]
Potentilla intermedia L. / downy cinquefoil
 native to Eurasia; known only from St. Louis Co. (one resort-grounds population, collected 1950)
 [*Potentilla millegrana* Engelm. ex Lehm. see *P. rivalis*]
 [*Potentilla nicolletii* (S. Watson) Sheldon see *P. paradoxa*]
Potentilla norvegica L. / strawberryweed; Norwegian cinquefoil
Potentilla palustris (L.) Scop. / marsh cinquefoil; purple marshlocks
Potentilla paradoxa Nutt. / bushy cinquefoil; diffuse potentilla
Potentilla pennsylvanica L. / prairie cinquefoil; Pennsylvania cinquefoil
 var. *arida* B. Boivin – some authors include this in var. *bipinnatifida*
 var. *bipinnatifida* (Douglas ex Hook.) Torr. & Gray – some authors segregate this taxon
 var. *pennsylvanica*
 [*Potentilla pentandra* Engelm. see *P. rivalis*]
Potentilla recta L. / sulphur cinquefoil; rough-fruit potentilla
 native to Europe
Potentilla rivalis Nutt. / brook cinquefoil
 [*Potentilla rivalis* Nutt. var. *pentandra* (Engelm.) S. Watson see *P. pentandra*]
Potentilla simplex Michx. / old-field cinquefoil; common cinquefoil
Potentilla tridentata Aiton / three-tooth cinquefoil; shrubby five-fingers
Prunus americana Marshall / wild plum; American plum
Prunus nigra Aiton / Canadian plum; Canadian cherry
Prunus pennsylvanica L.f. / pin cherry; fire cherry
Prunus pumila L. / Great Lakes sand cherry
 var. *besseyi* (L.H. Bailey) Gleason
 var. *cuneata* (Raf.) L.H. Bailey
 var. *pumila*
 [var. *susquehanae* (hort. ex Willd.) H. Jaeger see var. *cuneata*]
Prunus serotina Ehrh. / black cherry
 bark, leaves, seeds highly toxic to humans, pets, and especially ruminant livestock
Prunus tomentosa Thunb. / Nanking cherry
 native to Asia; naturalized only in Washington Co. (one population, collected 1990)
 [*Prunus triloba* Lindl. / flowering plum – previous report for Minnesota was based on misidentified specimen]
Prunus virginiana L. / choke cherry, canpa'hu (Lakota)
 bark, leaves, seeds highly toxic to humans and livestock
Pyrus baccata L. / Siberian crabapple
 native to Asia; known only from St. Louis Co.; previous report (Goodhue Co.) apparently a
 hybrid with *P. pumila*
Pyrus ioensis (Wood) L.H. Bailey / prairie crabapple
Pyrus malus L. / cultivated apple
Pyrus prunifolia Willd. / plum-leaf crabapple; pear-leaf crabapple
 native to northeastern Asia
Rosa acicularis Lindl. / bristly rose; prickly rose
 subsp. not recognized
Rosa arkansana Porter / dwarf prairie rose
Rosa blanda Aiton / smooth rose; Labrador rose
Rosa xdulcissima Lunell (*R. blanda* x *woodsii*) / rose
Rosa eglantheria L. / dog rose; sweetbrier rose
 native to Europe; known only from Dakota Co. (one population, collected 1943)
 [*Rosa macounii* Greene see *R. woodsii*]
Rosa multiflora Thunb. ex Murray / multiflora rose; rambler rose
 native to eastern Asia; known only from Washington Co. (naturalizing from gardens, collected 1975)
Rosa rugosa Thunb. / rugosa rose; Japanese rose
 native to eastern Asia
Rosa woodsii Lindl. var. *woodsii* / Wood's rose
Rubus, like *Crataegus*, is a very complex taxon with much hybridization, polyploidization,

and apomixis occurring. The group as a whole is difficult to separate into species (especially since both first- and second-year growth is needed for identification) and there has been much disagreement regarding species distinctions. Until further research definitively clarifies the nomenclature, the following is a list of those names applied to our species.

Rubus ablatus L.H. Bailey / Missouri blackberry

USDA-NRCS 2008 includes this in *R. laudatus* A. Berger – plains blackberry, which has its northwestern limit of distribution in MN

Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Rubus acaulis Michx. / dwarf raspberry; northern blackberry

USDA-NRCS 2008 and NatureServe 2008 include this in *R. arcticus* as *subsp. acaulis*, which is widespread in Canada with extensions into US

Recognized by Gleason & Cronquist 1991

Rubus acridens L.H. Bailey / Kennedy's blackberry

USDA-NRCS 2008 includes this in *R. kennedyanus* Fern., which is known only from MN and WI

Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Rubus allegheniensis Porter ex L.H. Bailey / Allegheny blackberry; common blackberry

Widespread in eastern US

Recognized by all sources; USDA-NRCS 2008 and NatureServe 2008 segregate 2 vars.; ours would be the widespread var. *allegheniensis*

Rubus alumnus L.H. Bailey – old-field blackberry

USDA-NRCS 2008 and NatureServe 2008 recognize this taxon, which is widespread in eastern US

Gleason & Cronquist 1991 include this in *R. allegheniensis*

Rubus arcticus L. subsp. *acaulis* (Michx.) Fock / dwarf raspberry; northern blackberry

USDA-NRCS 2008 and NatureServe 2008 recognize this taxon, which is widespread in Canada with extensions into US

Gleason & Cronquist 1991 consider this misapplied to North America and instead use the name *R. acaulis*

Rubus canadensis L. / smooth blackberry

Western limit of distribution in MN

Recognized by all sources

Rubus chamaemorus L. / cloudberry

state Threatened list; southward extension from Canada (and northeastern US)

Recognized by all sources

Rubus elegantulus Blanch. / showy blackberry

USDA-NRCS 2008 and NatureServe 2008 recognize this taxon, which is disjunct (with WI populations) from far eastern US and Canada

Gleason & Cronquist 1991 includes this in *R. setosus*

Rubus ferrofluvius H.A. Davis, A.M. Fuller & T. Davis / Iron River blackberry

Known only from MN and WI

Not recognized in USDA-NRCS 2008, NatureServe 2008, or Gleason & Cronquist 1991

Rubus flagellaris Willd. / whiplash dewberry; northern dewberry

Widespread in eastern half of US and Canada

Recognized by all sources

Rubus folioflorus L.H. Bailey / Snail Lake blackberry; leafy-flowered blackberry

USDA-NRCS 2008 includes this in *R. ithacanus*, which has its northwestern limit of distribution in MN

Not recognized in NatureServe 2008

Gleason & Cronquist 1991 includes this in *R. revurvicaulis*

Rubus frondosus Bigelow / yankee blackberry

USDA-NRCS 2008 and NatureServe 2008 segregate this taxon, which is widespread in eastern US and Ontario

Gleason & Cronquist 1991 includes this in *R. pensilvanicus*

Rubus fulleri L.H. Bailey / Fuller's blackberry

USDA-NRCS 2008 includes this in *R. wheeleri*, which has its western limit of distribution in MN

Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Rubus groutianus Blanch. / Grout's blackberry

USDA-NCRS 2008 and Gleason & Cronquist 1991 include this in *R. setosus*, which has its western limit of distribution in MN
Not recognized in NatureServe 2008

Rubus hispidus L. / swamp dewberry; bristly dewberry
USDA-NCRS 2008 and Gleason & Cronquist 1991 recognize this taxon, reporting it from adjacent Ontario, WI and IA but not MN
Not recognized in NatureServe 2008

Rubus idaeus L. var./subsp. *strigosus* (Michx.) Maxim. / gray-leaf red raspberry; common red raspberry
Widespread in US and Canada
Recognized by all sources; USDA-NCRS 2008 and NatureServe 2008 also recognize subsp. *idaeus* – American red raspberry – as occurring in MN

Rubus ithacanus L.H. Bailey / Ithaca blackberry
USDA-NCRS 2008 recognizes this taxon, which has its northwestern limit of distribution in MN
Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Rubus kennedyanus Fernald / Kennedy's blackberry
USDA-NCRS 2008 segregates this taxon, which is known only from MN (St. Louis Co.) and WI
Not recognized in NatureServe 2008
Gleason & Cronquist 1991 include this in *R. canadensis*

Rubus latifoliolus L.H. Bailey / Great Lakes blackberry
USDA-NCRS 2008 includes this in *R. wisconsinensis*, which is known only from MN, WI, IA, IL, MI
Not recognized in NatureServe 2008
Gleason & Cronquist 1991 include this in *R. pensilvanicus*

Rubus minnesotanus L.H. Bailey / Minnesota blackberry
USDA-NCRS 2008 includes this in *R. wisconsinensis*, which is known only from MN, WI, IA, IL, MI
Not recognized in NatureServe 2008
Gleason & Cronquist 1991 include this in *R. recurvicaulis*

Rubus missouricus L.H. Bailey / Missouri dewberry
USDA-NCRS 2008 segregates this taxon, which is known from the north central states and also in MD, VA, WV
Not recognized in NatureServe 2008
Gleason & Cronquist 1991 include this in *R. hispidus*

Rubus multiflorus L.H. Bailey / kinnickinnick dewberry
USDA-NCRS 2008 recognizes this taxon, which has its western limit of distribution in MN
Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Rubus xneglectus Peck (*R. idaeus* x *occidentalis*) / hybrid red raspberry
USDA-NCRS 2008 includes this in *R. idaeus* subsp. *strigosus*
Not recognized in NatureServe 2008
Gleason & Cronquist 1991 recognize this taxon

Rubus occidentalis L. / black raspberry
Widespread in eastern US and Canada
Recognized by all sources

Rubus parviflorus Nutt. / thimbleberry
Widespread in western US and Canada and also found in central states and provinces
Recognized by all sources; USDA-NCRS 2008 and NatureServe 2008 segregate 2 vars., ours would be var. *parviflorus*

Rubus pensilvanicus Poir. / Pennsylvania blackberry
Widespread in the eastern US and Canada
Recognized by all sources

Rubus plicatifolius Blanch. / plait-leaf dewberry
USDA-NCRS 2008 and NatureServe 2008 segregate this taxon, which has its western limit of distribution in MN
Gleason & Cronquist 1991 include this in *R. recurvicaulis*

Rubus pubescens Raf. / dwarf red blackberry; dwarf red raspberry
Widespread in Canada and the northern US
Recognized by all sources; USDA-NCRS 2008 segregates 2 vars., NatureServe 2008 segregates 3 vars.; ours would be var. *pubescens*

Rubus quaesitus L.H. Bailey / Prince Edward Island blackberry
MN and WI populations disjunct from eastern provinces of Prince Edward Island and New Brunswick
Not recognized in USDA-NCRS 2008, NatureServe 2008, or Gleason & Cronquist 1991

Rubus recurvans Blanch. / recurved blackberry
USDA-NCRS 2008 and NatureServe 2008 segregate this taxon, which is widespread in eastern US and Canada
Gleason & Cronquist 1991 include this in *R. pensilvanicus*

Rubus recurvicaulis Blanch. / arching dewberry; Blanchard's dewberry
Either disjunct from OH (to ME) fide to USDA-NCRS 2008 or a range extension southwesterly from Ontario fide to NatureServe 2008
Recognized by all sources

Rubus regionalis (L.H. Bailey) L.H. Bailey / Wisconsin dewberry
USDA-NCRS 2008 segregates this taxon, which has its western limit of distribution in MN
Not recognized in Nature Serve 2008
Gleason & Cronquist 1991 include this in *R. setosus*

Rubus xrosa L.H. Bailey (*R. allegheniensis* x *pensilvanicus*) / rose blackberry
Northwestern limit of distribution in MN
Recognized by all sources (though not as a hybrid fide USDA-NCRS 2008 or NatureServe 2008)

Rubus rosendahlia L.H. Bailey / Rosendahl's dewberry
USDA-NCRS 2008 includes this in *R. plicatifolius*, which has its western limit of distribution in MN
Not recognized in NatureServe 2008
Gleason & Cronquist 1991 include this in *R. hispidus*

Rubus satis L.H. Bailey / sufficient blackberry
USDA-NCRS 2008 includes this in *R. ithacanus*, which has its northwestern limit of distribution in MN
Not recognized in NatureServe 2008
Gleason & Cronquist 1991 include this in *R. recurvicaulis*

Rubus semisetosus Blanch. / swamp blackberry
USDA-NCRS 2008 and NatureServe 2008 segregate this taxon, which has its western limit of distribution in MN
Gleason & Cronquist 1991 include this in *R. setosus*

Rubus setosus Bigel. / setose blackberry; bristly blackberry
Western limit of distribution in MN
Recognized by all sources

Rubus steelei L.H. Bailey / Steele's dewberry
USDA-NCRS 2008 recognizes this taxon, which has its northwestern limit of distribution in MN
Not recognized in Nature-Serve 2008 or Gleason & Cronquist 1991

Rubus stipulatus L.H. Bailey / Big Horseshoe Lake dewberry
USDA-NCRS 2008 recognizes this taxon, which is known from MN, IA, WI, and MI
Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Rubus strigosus Michx.
All sources include this in *R. idaeus* as var./subsp. *strigosus*

Rubus superioris L.H. Bailey / Lake Superior blackberry
Known only from MN and WI
USDA-NCRS 2008 recognizes this in *R. vermontanus*, which has its western limit of distribution in MN
Not recognized in NatureServe 2008 or Gleason & Cronquist 1991

Rubus uniformis L.H. Bailey / thornless dewberry
USDA-NCRS 2008 and NatureServe 2008 recognize this taxon, which is known only from MN and WI
Gleason & Cronquist 1991 include this in *R. setosus*

Rubus vermontanus Blanch. / Vermont blackberry
USDA-NCRS 2008 and NatureServe 2008 recognize this taxon, which has its western limit of distribution in MN
Gleason & Cronquist 1991 include this in *R. setosus*

Rubus wheeleri (L.H. Bailey) L.H. Bailey / Wheeler's blackberry
USDA-NCRS 2008 and NatureServe 2008 recognize this taxon, which has its western limit of distribution in MN
Gleason & Cronquist 1991 include this in *R. setosus*

Rubus wisconsinensis L.H. Bailey / Wisconsin blackberry
 USDA-NCRS 2008 and NatureServe 2008 recognize this taxon, which is known only from MN, WI, IA, IL, MI
 Gleason & Cronquist 1991 include this in *R. pensilvanicus*
 [*Sibbaldiopsis tridentata* (Aiton) Rydb. see *Potentilla tridentata*]
Sorbaria sorbifolia (L.) A. Braun / false spirea
Sorbus americana Marshall / American mountain-ash
Sorbus aucuparia L. / European mountain-ash
 native to Europe
Sorbus decora (Sarg.) C.K. Schneid. / showy mountain-ash; northern mountain-ash
Spiraea alba Du Roi / white meadowsweet
 var. *alba*
 var. *latifolia* (Aiton) Dippel
Spiraea tomentosa L. var. *rosea* (Raf.) Fernald / steeplebush
Spiraea xvanhouttei (Briot) Carr. (*S. cantoniensis* x *trilobata*) / bridal wreath spirea
 native to Europe
Waldsteinia fragarioides (Michx.) Tratt. var. *fragarioides* / Appalachian barren strawberry
 state Special Concern list

Rubiaceae

Cephalanthus occidentalis L. / common buttonbush
 poisonous to livestock
Galium aparine L. / cleavers; sticky-willy
Galium asprellum Michx. / rough bedstraw
Galium boreale L. / northern bedstraw
 [*Galium brevipes* Fernald & Wiegand see *G. trifidum*]
Galium concinnum Torr. & Gray / shining bedstraw
Galium labradoricum (Wiegand) Wiegand / Labrador bedstraw; northern bog bedstraw
Galium mollugo L. / white bedstraw; baby's bedstraw
 native to Europe
Galium obtusum Bigelow var. *obtusum* / blunt-leaf bedstraw
Galium odoratum (L.) Scop. / sweet woodruff; sweet-scented bedstraw
 native to Europe; known only from Washington Co. (one population, collected 1983)
Galium tinctorium L. var. *tinctorium* / stiff marsh bedstraw; southern three-lobed bedstraw
Galium trifidum L. var. *trifidum* / three-petal bedstraw; northern three-lobed bedstraw
Galium triflorum Michx. var. *triflorum* / fragrant bedstraw; three-flowered bedstraw
Galium verum L. / yellow bedstraw; yellow spring bedstraw
 native to Eurasia
Hedyotis longifolia Gaertn. / long-leaf summer bluet; eyebright
 [*Houstonia longifolia* Gaertn. see *Hedyotis longifolia*]
Mitchella repens L. / partridge berry

Ruppiaceae [fide FNA 2000, vol. 22]

Ruppia cirrhosa (Petagna) Grande / beaked ditch-grass; widgeon-grass
 state Special Concern list
 [*Ruppia maritima* L. misapplied to our flora, see *R. cirrhosa*]
 [*Ruppia occidentalis* S. Watson see *R. cirrhosa*]

Ruscaceae [fide FNA 2002, vol. 26]

Convallaria majalis L. var. *majalis* / European lily-of-the-valley
 native to Eurasia; roots and flowers toxic to pets, potentially toxic to humans
Maianthemum canadense Desf. / Canada mayflower; false lily-of-the-valley
 vars. not recognized
Maianthemum racemosum (L.) Link subsp. *racemosum* / feathery false solomon's-seal; plumed solomon's-seal
Maianthemum stellatum (L.) Link / starflower solomon's-seal; yapi' zapi hu (Lakota)
Maianthemum trifolium (L.) Sloboda / three-leaf solomon's-seal; three-leaf solomon's-plume

Polygonatum biflorum (Walter) Elliott / giant solomon's-seal; king's solomon's-seal
[*Polygonatum commutatum* (Schult.f.) A. Dietr. see *P. biflorum*]
Polygonatum pubescens (Willd.) Pursh / hairy solomon's-seal
[*Smilacina racemosa* (L.) Desf. see *Maianthemum racemosum*]
[*Smilacina stellata* (L.) Desf. see *Maianthemum stellatum*]
[*Smilacina trifolia* (L.) Desf. see *Maianthemum trifolium*]

Rutaceae

[*Phellodendron amurense* Rupr. erroneously reported for Minnesota; based on misidentified specimen]
Phellodendron chinense C.K. Schneid / Chinese corktree
native to China; known only from Winona Co. (collected 2001), probably naturalized from nearby ornamental plantings
Ptelea trifoliata L. / common hop tree
native to south and eastern US; known only from Hennepin Co. (last collected 1951), possibly planted
Zanthoxylum americanum Mill. / northern prickly-ash; toothache tree

S

Salicaceae

Populus alba L. / white poplar; silver-leaf cottonwood
native to Eurasia
Populus balsamifera L. / balsam poplar
Populus deltoides Bartram ex Marshall var. *occidentalis* Rydb. / eastern cottonwood
Populus grandidentata Michx. / big-tooth cottonwood; big-tooth aspen
Populus xjackii Sarg. (*P. balsamifera* x *deltoides*) / balm-of-Gilead
Populus nigra L. / black poplar; black cottonwood
native to Eurasia
Populus tremuloides Michx. / trembling aspen; quaking aspen
Salix alba L. / white willow
native to Europe
Salix amygdaloides Andersson / peach-leaf willow
Salix babylonica L. / weeping willow; Babylon willow
native to China; known only from Anoka Co. (naturalized population, collected 2006)
Salix bebbiana Sarg. / gray willow; long-beak willow
Salix candida Fluggé ex Willd. / sage-leaf willow; sage willow
Salix daphnoides Vill. / violet willow
native to Eurasia; known only from Duluth area (collected 1980)
Salix discolor Muhl. / pussy willow
Salix eriocephala Michx. / diamond willow; Missouri willow
var. *eriocephala*
var. *famelica* (Ball) Dorn – some authors segregate this as *S. lutea*
Salix exigua Nutt. / sandbar willow; narrow-leaf willow
Salix fragilis L. / crack willow
native to Europe
[*Salix gracilis* Andersson see *S. eriocephala* or *S. petiolaris*]
Salix humilis Marshall / upland willow; prairie willow
[*Salix interior* Rowlee see *S. exigua*]
Salix lucida Muhl. var. *lucida* / shining willow
Salix maccalliana Rowlee / MacCall's willow
state Special Concern list
[*Salix myricoides* Muhl. / bayberry willow – previous reports for Minnesota based on a misidentified specimens]
Salix nigra Marshall / black willow
Salix pedicellaris Pursh / bog willow
Salix pellita (Andersson) Andersson ex C.K. Schneid. / satiny willow
state Special Concern list

Salix pentandra L. / bay-leaf willow; lural-leaf willow
native to Europe
Salix petiolaris Sm. / meadow willow
Salix planifolia Pursh / tea-leaf willow
Salix pseudomonticola Ball / false mountain willow
Salix pyrifolia Andersson / balsam willow
Salix xrubens Schrank / willow
Salix sericea Marshall / silky willow
Salix serissima (L.H. Bailey) Fernald / autumn willow

Santalaceae

Arceuthobium pusillum Peck / eastern dwarf mistletoe
Comandra umbellata (L.) Nutt. var. *umbellata* / bastard-toadflax
Geocaulon lividum (Richardson) Fernald / northern comandra; false toadflax

Sapindaceae

Acer ginnala Maxim. / amur maple
native to Asia
Acer negundo L. / box-elder; ash-leaf maple
var. *interius* (Britton) Sarg.
var. *negundo*
Acer nigrum F. Michx. / black maple
Acer platanoides L. / Norway maple
native to Europe; naturalized only in Duluth area (first collected 2003)
Acer rubrum L. / red maple
fall leaves deadly poisonous to horses
Acer saccharinum L. / silver maple; soft maple
Acer saccharum Marshall / sugar maple; hard maple
Acer spicatum Lam. / mountain maple; moose maple
Aesculus glabra Willd. / Ohio buckeye; horse-chestnut
native to eastern US; toxic to pets

Sarraceniaceae

Sarracenia purpurea L. var. *purpurea* / purple pitcher plant; northern pitcher plant

Saxifragaceae

Chrysosplenium americanum Schwein. ex Hook. / American golden saxifrage; American watermat
Chrysosplenium iowense Rydb. / Iowa golden saxifrage; Iowa watermat
state Endangered list; disjunct from Canadian prairies
Heuchera richardsonii R. Br. / prairie alumroot; Richardson's alumroot
[*Micranthes pennsylvanica* (L.) Haw. see *Saxifraga pennsylvanica*]
[*Micranthes virginensis* (Michx.) Small see *Saxifraga virginensis*]
Mitella diphylla L. / two-leaf bishop's cap; two-leaf mitrewort
Mitella nuda L. / bare-stem bishop's cap; naked mitrewort
[*Parnassia* see Parnassiaceae]
[*Penthorum* see Penthoraceae]
Saxifraga aizoon Jacq. / white mountain saxifrage; encrusted saxifrage
state Threatened list; Lake Superior populations disjunct from eastern Canada
Saxifraga cernua L. / nodding saxifrage; bulblet saxifrage
state Endangered list; disjunct from arctic Canada and Rocky Mountains,
known only from Cook Co. (last collected 1980)
[*Saxifraga paniculata* P. Mill. see *S. aizoon*]
Saxifraga pennsylvanica L. / eastern swamp saxifrage
Saxifraga virginensis Michx. / early saxifrage
Sullivantia renifolia Rosend. / Sullivant's coolwort; reniform sullivantia
state Threatened list; northern limit of distribution

[*Sullivantia sullivantii* (Torr. & Gray) Britton see *S. renifolia*]

Tiarella cordifolia L. / foam flower

western limit of distribution; known only from Stearns Co. (one population, collected 1998)

Scheuchzeriaceae [fide FNA 2000, vol. 22]

Scheuchzeria palustris L. / pod-grass; rannock-rush

Scrophulariaceae

[*Agalinis* see Orobanchaceae]

[*Aureolaria* see Orobanchaceae]

[*Bacopa* see Plantaginaceae]

[*Besseya* see Plantaginaceae]

[*Castilleja* see Orobanchaceae]

[*Chaenorrhinum* see Plantaginaceae]

[*Chelone* see Plantaginaceae]

[*Digitalis* see Plantaginaceae]

[*Euphrasia* see Orobanchaceae]

[*Gratiola* see Plantaginaceae]

[*Limosella* see Plantaginaceae]

[*Linaria* see Plantaginaceae]

[*Lindernia* see Plantaginaceae]

[*Melampyrum* see Orobanchaceae]

[*Mimulus* see Phrymaceae]

[*Nuttallanthus* see Plantaginaceae]

[*Orthocarpus* see Orobanchaceae]

[*Pedicularis* see Orobanchaceae]

[*Penstemon* see Plantaginaceae]

Scrophularia lanceolata Pursh / lance-leaf figwort

Scrophularia marilandica L. / Maryland figwort; carpenter's square

Scrophularia nodosa L. / woodland figwort

native to Europe; known only from Duluth area (one population, collected 1997)

Verbascum blattaria L. / white moth mullein

native to Eurasia; known only from Beltrami Co. (one roadside population, collected 1999)

Verbascum chaixii Vill. / nettle-leaf mullein

native to Europe; known only from Duluth area (one lawn-weed population, collected 2002)

Verbascum nigrum L. / black mullein

native to Eurasia; known only from Minneapolis area (one population, collected 1933)

Verbascum thapsus L. / flannel mullein; great mullein

native to Europe; leaves and inflorescence possibly toxic

[*Veronica* see Plantaginaceae]

[*Veronicastrum* see Plantaginaceae]

Smilacaceae [fide FNA 2002, vol. 26]

Smilax ecirrhata S. Watson / upright carrion-flower

Smilax herbacea L. / smooth carrion-flower

[*Smilax hispida* Muhl. ex Torr. see *S. tamnoides*]

Smilax illinoensis Mangaly / Illinois greenbrier

Smilax lasioneura Hook. / Blue Ridge greenbrier; Blue Ridge carrion-flower

Smilax pulverulenta Michx. / downy greenbrier; downy carrion-flower

reported for Minnesota (far southeast corner) by FNA but no specimens at MIN;

previous reports from Minnesota were based on misidentified specimens

Smilax tamnoides L. bristly greenbrier; chinaroot

Solanaceae

[*Chamaesaracha grandiflora* (Hook.) Fernald see *Leucophysalis grandiflora*]

[*Datura innoxia* Mill. see *D. wrightii*]

Datura stramonium L. / jimsonweed

native from tropical US to Central America; state DOA noxious (CN) weed, 1st collected 1878, St. Louis Co.; contains hallucinogenic compounds, deadly poisonous to pets and livestock

Datura wrightii Regel / sacred thorn-apple

native from southwestern US to Mexico; occasionally escaping, rarely persisting

Leucophysalis grandiflora (Hook.) Rydb. / white-flowered ground-cherry; large false ground-cherry

Lycium barbarum L. / matrimony vine

native to Eurasia

Nicandra physalodes (L.) Gaertn. / apple-of-Peru

native to Peru; known only from Winona Co. (last collected 1901)

[*Petunia xatkinsiana* D. Don ex Loudon see *P. xhybrida*]

Petunia xhybrida Vilm. (*P. axillaries* x *integrifolia*) / garden petunia

horticultural annual cultigen occasionally found around homesites, rarely persisting more than 1 or 2 years

Physalis heterophylla Nees var. *heterophylla* / clammy ground-cherry

Physalis pubescens L. var. *grisea* Waterf. / downy ground-cherry; husk-tomato

native to southern US

Physalis virginiana Mill. / Virginia ground-cherry

[*Solanum americanum* Mill. see *S. nigrum*]

Solanum carolinense L. / Carolina horse-nettle

native to southeastern US; state DOA restricted weed, 1st collected 1939, Wright Co.; leaves and especially fruit highly toxic to children and animals

Solanum dulcamara L. / deadly nightshade; climbing nightshade

native to Eurasia; leaves and especially fruit moderately toxic to livestock

Solanum nigrum L. var. *virginicum* L. / American black nightshade

native and introduced forms exist but difficult to distinguish; state DOA noxious (CN) weed; leaves and especially fruit moderately toxic to livestock

[*Solanum physalifolium* Rusby see *S. sarracoides*]

[*Solanum ptycanthemum* Dunal see *S. nigrum*]

Solanum rostratum Dunal / buffalo bur; horned nightshade

native to central US; state DOA noxious (CN) weed, 1st collected 1890, Hennepin Co.

Solanum sarracoides Rusby / hairy nightshade; ground-cherry nightshade

native to South America

Solanum triflorum Nutt. / cut-leaf nightshade

native to western US

Solanum tuberosum L. / Irish potato; cultivated potato

native to Andes Mountains of South America; occasionally escaping from cultivation, rarely persisting more than 1 or 2 years

Sparganiaceae [fide FNA 2000, vol. 22]

Sparganium americanum Nutt. / Nuttall's bur-reed; American bur-reed

Sparganium androcladum (Engelm.) Morong / branching bur-reed

Sparganium angustifolium Michx. / narrow-leaved bur-reed

[*Sparganium chlorocarpum* Rydb. see *S. emersum*]

Sparganium emersum Rehmman / green-fruit bur-reed; narrow-leaf bur-reed

[*Sparganium erectum* L. misapplied for NA material, see *S. eurycarpum*]

Sparganium eurycarpum Engelm. / giant bur-reed; broad-fruit bur-reed

Sparganium fluctuans (Engelm. ex Morong) B.L. Rob. / floating bur-reed

Sparganium glomeratum (Beurl. ex Laest.) Neuman / clustered bur-reed

state Special Concern list

[*Sparganium minimum* (Hartm.) Fr. see *S. natans*]

Sparganium natans L. / small bur-reed

Staphyleaceae

Staphylea trifolia L. / American bladdernut

T

Thymelaeaceae

Dirca palustris L. / eastern leatherwood

Tiliaceae see Malvaceae

Tofieldiaceae [fide 2002, vol. 26]

[*Tofieldia glutinosa* (Michx.) Pers. see *Triantha glutinosa*]

Tofieldia pusilla Pers. / small false asphodel; scotch false asphodel

state Endangered list; disjunct from arctic regions and Canadian Rocky Mountains

Triantha glutinosa Baker / sticky false asphodel

Typhaceae [fide FNA 2000, vol. 22]

Typha angustifolia L. / narrow-leaf cattail

Typha xglauca Godr. (*T. angustifolia* x *latifolia*) / hybrid cattail

Typha latifolia L. / broad-leaf cattail; wihuta-hu (Dakota)

U

Ulmaceae [fide FNA 1997, vol. 3]

[*Celtis* see Cannabaceae]

Ulmus americana L. / American elm; pe (Dakota)

Ulmus pumila L. / Siberian elm

native to eastern Asia

Ulmus rubra Muhl. / slippery elm; red elm

Ulmus thomasii Sarg. / rock elm; cork elm

Urticaceae [fide FNA 1997, vol. 3]

Boehmeria cylindrica (L.) Sw. / small-spike false nettle; bog-hemp

Laportea canadensis (L.) Wedd. / Canadian wood nettle

Parietaria pensylvanica Muhl. ex Willd. / Pennsylvania pellitory

Pilea fontana (Lunell) Rydb. / lesser clearweed

Pilea pumila (L.) Gray / Canadian clearweed

Urtica dioica L. subsp. *gracilis* (Aiton) Selander / stinging nettle

can cause skin irritation

[subsp. *dioica* misapplied to our flora]

[var. *procera* (Muhl. ex Willdn.) Weddell see subsp. *gracilis*]

V

Valerianaceae

Valeriana edulis Nutt. ex Torr. & Gray var. *ciliata* (Torr. & Gray) Cronquist / tobacco root; valerian

state Threatened list; northwest limit of distribution

Valeriana officinalis L. / valerian; all-heal

native to Eurasia

Verbenaceae

[*Lippia lanceolata* Michx. see *Phyla lanceolata*]

[*Phryma* see Phrymaceae]

Phyla lanceolata (Michx.) Greene / northern fog fruit

Verbena bracteata Lag. & Rodr. / carpet vervain; creeping vervain

Verbena xdeamii Moldenke (*V. bracteata* x *stricta*) / Deam's vervain

known only from New Ulm area (historical collection 1891)

Verbena hastata L. / blue vervain; simpler's joy

Verbena officinalis L. / vervain; herb-of-the-cross

native to Europe; known only from St. Louis Co. (one garden plot population,

collected 2005)

Verbena xperriana Moldenke (*V. bracteata* x *urticifolia*) / Perry's vervain

known only from Minneapolis area (historical collections to 1877)
Verbena simplex Lehm. / narrow-leaf vervain
state Special Concern list
Verbena stricta Vent. / hoary vervain
Verbena urticifolia L. / white vervain; nettle-leaf vervain

Violaceae

Hybanthus concolor (T.F. Forst.) Spreng. / eastern green-violet
range extension from IA and WI; known only from Winona Co. (one population, collected 1999)
Viola adunca Sm. / hook-spur violet
[*Viola affinis* Leconte see *V. sororia*]
Viola arvensis Murray / wild pansy; European field pansy
native to Europe; known only from Cass Co. (last collected 1939), doubtfully persisting
Viola blanda Willd. / sweet white violet
Viola canadensis L. var. *rugulosa* (Greene) C.L. Hitchc. / tall white violet; Canadian white violet
Viola conspersa Reichenb. / American dog violet
Viola cucullata Aiton / marsh blue violet
[*Viola incognita* Brainerd see *V. blanda*]
[*Viola labradorica* Schrank see *V. adunca* or *V. conspersa* – some authors segregate this taxon]
Viola lanceolata L. var. *lanceolata* / lance-leaf violet; bog white violet
state Threatened list; northwest limit of distribution
Viola macloskeyi F.E. Lloyd var. *pallens* (Banks ex Ging.) C.L. Hitchc. / white bog violet; smooth white violet
[*Viola missouriensis* Greene see *V. sororia* – some authors include this in *V. affinis*]
Viola nephrophylla Greene / northern bog violet
Viola novae-angliae House / New England blue violet
Viola nuttallii Pursh / yellow prairie violet
state Threatened list; eastern limit of distribution
Viola palmata L. var. *pedatifida* (G. Don) Cronquist / crow's-foot violet; early blue violet
Viola pedata L. / bird's-foot violet
[*Viola pedatifida* G. Don see *V. palmata*]
[*Viola pennsylvanica* Michx. see *V. pubescens*]
[*Viola pratincola* Greene see *V. sororia* – some authors include this in *V. nephrophylla*]
Viola xprimulifolia L. (*V. lanceolata* x *macloskeyi*) / primrose violet
disjunct from WI and IA; known only from Lake Co. (one campsite population, collected 2005)
Viola pubescens Aiton / yellow forest violet; downy yellow violet
Viola renifolia Gray / kidney-leaf white violet
Viola sagittata Aiton / arrowhead violet; arrow-leaf violet
Viola selkirkii Pursh ex Goldie / great spurred violet
Viola sororia Willd. / dooryard violet; hooded blue violet
Viola tricolor L. / johnny-jump-up; small pansy
introduced from Europe

Viscaceae see Santalaceae

Vitaceae

[*Parthenocissus inserta* (Kerner) Fritsch see *P. vitacea*]
Parthenocissus quinquefolia (L.) Planch. / Virginia creeper; woodbine
leaves and fruit toxic
Parthenocissus tricuspidata (Sieb. & Zucc.) Planch. / boston-ivy
introduced from China and Japan; known only from Pipestone Co. (one population, collected 1961)
Parthenocissus vitacea (Knerr) Hitchc. / grape woodbine; thicket creeper
Vitis aestivalis Michx. var. *argentifolia* (Munson) Fernald / summer grape; silver-leaf grape
state Special Concern list
Vitis riparia Michx. / frost grape; riverbank grape

Xyridaceae [fide FNA 2000, vol. 22]

Xyris montana Ries / mountain yellow-eyed-grass; northern yellow-eyed-grass
state Special Concern list

Xyris torta Sm. / twisted yellow-eyed-grass; slender yellow-eyed-grass
state Endangered list; northwest limit of distribution

Z

Zannichelliaceae see Potamogetonaceae

Zygophyllaceae

Tribulus terrestris L. / puncture vine
introduced from Mediterranean region

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