

Flora of Minnesota

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Locality: Minnesota

Abstract:

A comprehensive, annotated list of the vascular plants known, or reported, to occur in Minnesota (native, naturalized, and adventive species).

Family delineations are based on the Angiosperm Phylogeny Group arrangement (Bot. J. Linnean Soc. 141: 399-436, 2003) and species names are based on published volumes of the Flora of North America (FNA), recent journals for changes post FNA (if widely accepted by the major taxonomic indices), and Gleason and Cronquist 1991 for others. Although not all taxonomists may agree with FNA, a wide array of experts from many areas have been consulted and this consequently represents the most up-to-date understanding of our flora.

Common names as given in the USDA-NRCS Plants database (2008) are also provided, followed by other common names widely used, and by Indian names where known.

County-level distribution maps are available at www.bonap.org

Families: 158

Genera: 806

Species: 2647 (species rank)

Total Taxa: 2832 (including subsp. and var.)

ACANTHACEAE

Ruellia humilis Nuttall - **fringeleaf wild petunia**

reported for Minnesota (Washington Co.) by MN-DNR but no specimens at MIN; known from NE, IA, WI, south- and eastward; special concern

ACORACEAE

Acorus americanus (Rafinesque) Rafinesque - **sweetflag**

root extract reportedly repels some insects

Acorus calamus L. - **calamus**

native to Europe; sterile polyploid species

ADOXACEAE

Adoxa moschatellina L. - **muskroot**

Sambucus nigra subsp. *canadensis* (L.) Bolli - **black elderberry**

Sambucus racemosa var. *racemosa* - **red elderberry**

Viburnum acerifolium L. - **mapleleaf viburnum**

erroneous report

Viburnum edule (Michaux) Rafinesque - **squashberry**

Viburnum lantana L. - **wayfaring tree**

native to Eurasia

Viburnum lentago L. - **nannyberry**

Viburnum opulus var. *americanum* Aiton - **American cranberrybush**

Viburnum opulus var. *opulus* - **European cranberrybush**

native to Eurasia

Viburnum rafinesquianum var. *affine* (Bush ex C.K. Schneider) House - **downy arrowwood**

Viburnum rafinesquianum var. *rafinesquianum* - **downy arrowwood**

ALISMATACEAE

Alisma gramineum Lej. - **narrowleaf water plantain**

Alisma subcordatum Rafinesque - **American water plantain**

Alisma triviale Pursh - **northern water plantain**

Sagittaria brevirostra Mackenzie & Bush - **shortbeak arrowhead**

Sagittaria cristata Engelmans - **crested arrowhead**

Sagittaria cuneata E. Sheldon - **arumleaf arrowhead**

Sagittaria graminea subsp. *graminea* - **grassy arrowhead**

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

Sagittaria latifolia Willdenow - **broadleaf arrowhead**

corms are edible

Sagittaria montevidensis subsp. *calycina* (Engelmann) Bogin - **hooded arrowhead**

Sagittaria rigida Pursh - **sessilefruit arrowhead**

ALLIACEAE

Allium canadense var. *canadense* - **meadow garlic**

Allium cernuum Roth - **nodding onion**

Allium hollandicum R.M. Fritsch - **purple sensation onion**

hybrid ornamental rarely escaping; known only from St. Louis Co. (one roadside population, collected 2005);

Allium schoenoprasum L. - **wild chives**

vars. not recognized; endangered

Allium stellatum Ker-Gawler - **autumn onion**

Allium textile A. Nelson & J.F. Macbride - **textile onion**

Allium tricoccum var. *burdickii* Hanes - **narrowleaf wild leek**

Allium tricoccum var. *tricoccum* - ramp

Allium tuberosum Rottler ex Spreng. - Chinese chives

Allium x proliferum (Moench) Schrad. ex Willd. - garden onion

AMARANTHACEAE

Amaranthus albus L. - prostrate pigweed

native to Eurasia; often confused with *A. blitoides*

Amaranthus blitoides S. Watson - mat amaranth

considered native to the central US by FNA; state DOA noxious (CN) weed, 1st collected 1886, Winona Co.

Amaranthus caudatus L. - love-lies-bleeding

report unverified

Amaranthus graecizans L.

misapplied to North American flora, see *A. albus* or *A. blitoides*; misapplied name

Amaranthus hybridus L. - slim amaranth

native to eastern US; highly variable and often confused with *A. powellii* or *A. retroflexus*;

Amaranthus hypochondriacus L. - Prince-of-Wales feather

native to southwestern US; adventive near cultivated fields but unlikely to be persisting;

Amaranthus palmeri S. Watson - carelesweed

native to southern North America

Amaranthus powellii S. Watson - Powell's amaranth

native to southwestern US; often hybridizes with *A. hybridus*

Amaranthus retroflexus var. *retroflexus* - redroot amaranth

native to subtropical America; state DOA noxious (CN) weed, 1st collected 1880, Wabasha Co.; highly variable and poisonous to livestock

Amaranthus spinosus L. - spiny amaranth

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

Amaranthus tuberculatus (Moquin-Tandon) J.D. Sauer - roughfruit amaranth

Atriplex argentea var. *argentea* - silverscale saltbush

expected in Minnesota

Atriplex dioica (Nuttall) J.F. Macbride - Suckley's endolepis

reported for Minnesota by FNA but no specimens at MIN; known from Manitoba, ND, SD on saline soils

Atriplex glabriuscula var. *glabriuscula* - Scotland orache

erroneous report

Atriplex heterosperma Bunge - twoscale saltbush

western species reported for Minnesota by the Atlas of the Great Plains but no specimens at MIN

Atriplex hortensis L. - garden orach

native to Asia; known only from Pipestone Co. (one urban population, collected 1925)

Atriplex patula L. - spear saltbush

native to the Mediterranean region

Atriplex prostrata Boucher ex de Candolle - triangle orache

native to Eurasia

Axyris amaranthoides L. - Russian pigweed

native to Siberia

Beta vulgaris subsp. *vulgaris* - sugar beet

native to Europe; known only from Roseau Co. (one riverside population, collected 1939) but doubtfully persisting

Chenopodium album L. - lamb's-quarters

Chenopodium berlandieri var. *bushianum* (Aellen) Cronquist - Bush's goosefoot

Chenopodium berlandieri var. *zschackei* (Murr) Murr ex Asch. - Zschack's goosefoot

Chenopodium capitatum var. *capitatum* (L.) Ambrosi - blite goosefoot

Chenopodium desiccatum A. Nelson - aridland goosefoot

native to western US; known only from Wabasha Co. (collected 1983)

Chenopodium foggii Wahl - Fogg's goosefoot

eastern species erroneously reported for Minnesota by USDA-NRCS; probably misidentified *C. standleyanum* or *C. pratericola*; erroneous record

Chenopodium glaucum var. *glaucum* - oakleaf goosefoot

Chenopodium glaucum var. *salinum* (Standley) B. Boivin - Rocky Mountain goosefoot

Chenopodium leptophyllum (Moquin-Tandon) Nuttall ex S. Watson - narrowleaf goosefoot

often confused with *C. pratericola*

Chenopodium pratericola Rydberg - desert goosefoot

Chenopodium rubrum var. *humile* (Hooker) S. Watson - marshland goosefoot

Chenopodium rubrum var. *rubrum* - red goosefoot

Chenopodium simplex (Torrey) Rafinesque - mapleleaf goosefoot

Chenopodium standleyanum Aellen - Standley's goosefoot

Chenopodium strictum Roth - lateflowering goosefoot

known only from Mille Lacs Co. (collected 1892); native and introduced forms exist but are difficult to distinguish

Chenopodium urbicum L. - city goosefoot

reported for Minnesota by USDA-NRCS but no specimens at MIN

Corispermum americanum var. *americanum* - American bugseed

Corispermum nitidum Kitaibel ex Schultes

misapplied to our flora, see *C. americanum*; misapplied name

Corispermum orientale L.

misapplied to our flora, see *C. villosum*; misapplied name

Corispermum pallasii Steven - Siberian bugseed

Corispermum villosum Rydberg - hairy bugseed

Cycloloma atriplicifolium (Sprengel) J.M. Coulter - winged pigweed

Dysphania ambrosioides (L.) Mosyakin & Clemants - Mexican-tea

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 goosefoot

native to Eurasia

Froelichia floridana (Nuttall) Moquin-Tandon - **plains snakecotton**

Kochia scoparia* subsp. *scoparia - **burningbush**

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. Nelson - **red swampfire**

eastern limit of distribution; threatened

Salsola collina Pallas - **slender Russian thistle**

native to Siberia

Salsola kali L. - **prickly Russian-thistle**

misapplied to our flora, see *S. tragus*

Salsola tragus L. - **prickly Russian-thistle**

native to Eurasia; state DOA listed weed, 1st collected 1890, Hennepin Co.

Suaeda calceoliformis (Hooker) Moquin-Tandon - **pursh seepweed**

ANACARDIACEAE

Rhus aromatica* var. *aromatica - **fragrant sumac**

native to eastern and southern US

Rhus glabra L. - **northern smooth sumac**

Rhus typhina L. - **staghorn sumac**

Rhus x borealis Greene - **northern smooth**

(*R. glabra* x *typhina*)

Rhus x pulvinata Greene - **northern smooth sumac**

uncertain status; see *Rhus glabra*

Toxicodendron radicans* var. *negundo (Greene) Gillis - **eastern poison-ivy**

state DOA noxious weed; can cause severe skin irritation

Toxicodendron rydbergii (Small ex Rydberg) 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; known to be an aggressive invader in other regions

Aethusa cynapium L. - **fool's parsley**

native to Eurasia

Anethum graveolens L. - **dill**

native to southern Europe

Angelica atropurpurea L. - **purplestem angelica**

Angelica venenosa (Greenway) Fernald - **hairy angelica**

reported for Minnesota by Gleason & Cronquist 1991 but no specimens at MIN; known from MO, IL, MI in dry woods

Anthriscus sylvestris (L.) Hoffman - **wild chervil**

native to Europe

Berula erecta (W. Hudson) Coville - **cutleaf waterparsnip**

Carum carvi L. - **caraway**

native to Eurasia

Cicuta bulbifera L. - **bulblet-bearing water hemlock**

Cicuta maculata* var. *angustifolia Hook. - **spotted water hemlock**

Cicuta maculata* var. *bolanderi (S. Wats.) G. Mulligan - **spotted water hemlock**

Cicuta maculata* var. *maculata - **spotted water hemlock**

one of the deadliest poisonous plants in the US, to humans and animals

Conioselinum chinense (L.) Britton, Sterns & Poggenburg - **eastern hemlockparsley**

reported for Minnesota by Gleason & Cronquist 1991 but no specimens at MIN; known from Ontario, WI, IA in wet meadows and swamps

Conium maculatum L. - **poison hemlock**

native to Eurasia; plants deadly poisonous to humans and animals (the poison of Socrates); first collected 1992

Coriandrum sativum L. - **coriander**

Cryptotaenia canadensis (L.) de Candolle - **Canadian honewort**

Cymopterus acaulis* var. *acaulis - **plains springparsley**

eastern limit of distribution; known only from Clay Co. (one roadside population, collected 1960)

Daucus carota L. - **Queen Anne's lace**

native to Eurasia; state DOA noxious (CN) weed, 1st collected 1916, Ramsey Co.

Eryngium yuccifolium Michaux - **button eryngo**

Foeniculum vulgare Mill. - **sweet fennel**

Heracleum maximum W. Bartram - **common cow-parsnip**

Levisticum officinale W.D.J. Koch - **garden lovage**

native to Mediterranean region; reported for Minnesota as a garden escape by UDSA-NRCS but no specimens at MIN

Lomatium orientale J.M. Coulter & Rose - **northern Idaho biscuitroot**

Oenanthe javanica (Blume) DC. - **Java waterdropwort**

native to Europe

Osmorhiza berteroi DC. - **sweetcicely**

Osmorhiza claytonii (Michaux) C.B. Clarke - **Clayton's sweetroot**

Osmorhiza depauperata R.A. Philippi - **bluntseed sweetroot**

known only from Cook Co. (last collected 2003); special concern

Osmorhiza longistylis (Torrey) de Candolle - **longstyle sweeroor**

Oxypolis rigidior (L.) Rafinesque - **stiff cowbane**

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

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

***Polytaenia nuttallii* de Candolle - Nuttall's prairie parsley**
 known only from Fillmore Co. (last collected 1915); special concern

***Sanicula canadensis* var. *canadensis* - Canadian black snakeroot**

***Sanicula canadensis* var. *grandis* Fernald - Canadian black snakeroot**

***Sanicula gregaria* E.P. Bicknell - clustered black snakeroot**

***Sanicula marilandica* L. - Maryland black snakeroot**

***Sanicula odorata* (Raf.) Pryer & Phillippe - clustered black snakeroot**

***Sanicula trifoliata* E.P. Bicknell - largefruit black snakeroot**

***Sium carsonii* Durand ex A. Gray - Carson's waterparsnip**
 erroneous report

***Sium suave* Walter - hemlock waterparsnip**

***Spermolepis inermis* (Nuttall ex de Candolle) Mathias & Constance - Red River scaleseed**
 native to southern Great Plains; known only from Fillmore Co. (one trailside population, collected 1994) but doubtfully persisting

***Taenidia integerrima* (L.) Drude - yellow pimpernel**

***Thaspium barbinode* (Michaux) Nuttall - hairyjoint meadow parsnip**

***Thaspium trifoliatum* var. *aureum* (Nutt.) Britton - purple meadow parsnip**
 reported for Minnesota by Gleason & Cronquist 1991 but no specimens at MIN; known from Ontario, WI, IL

***Torilis japonica* de Candolle - erect hedge parsley**
 native to Eurasia and northern Africa; known only from Ramsey Co. (one park population, collected 2009)

***Zizia aptera* (A. Gray) Fernald - meadow zizia**

***Zizia aurea* (L.) W.D.J. Koch - golden zizia**

APOCYNACEAE

***Apocynum androsaemifolium* L. - spreading dogbane**
 plants poisonous

***Apocynum cannabinum* L. - Indian hemp**
 plants poisonous

***Apocynum sibiricum* Jacquin - Indian hemp**
 included in *A. cannabinum* by some

***Apocynum x floribundum* Greene - intermediate dogbane**
 (*A. androsaemifolium* x *cannabinum*)

***Asclepias amplexicaulis* J.E. Smith - clasping milkweed**

***Asclepias exaltata* L. - poke milkweed**

***Asclepias hirtella* (Pennell) Woodson - green milkweed**
 northern limit of distribution; known only from Mower Co. (one population, collected 1982); threatened

***Asclepias incarnata* subsp. *incarnata* - swamp milkweed**

***Asclepias lanuginosa* Nuttall - sidecluster milkweed**

***Asclepias ovalifolia* J. Decaisne - oval-leaf milkweed**

***Asclepias purpurascens* L. - purple milkweed**
 known only from Wabasha Co. (historical collection from 1883); rare historic record

***Asclepias quadrifolia* Jacq. - fourleaf milkweed**
 reported for Minnesota by USDA-NRCS but no specimens at MIN; known from IA, IL in dry woods

***Asclepias speciosa* Torrey - showy milkweed**

***Asclepias stenophylla* A. Gray - slimleaf milkweed**

***Asclepias sullivantii* Engelm ex A. Gray - prairie milkweed**
 northern limit of distribution; threatened

***Asclepias syriaca* L. - common milkweed**
 state DOA noxious (CN) weed

***Asclepias tuberosa* subsp. *interior* Woodson - butterfly milkweed**

***Asclepias verticillata* L. - whorled milkweed**

***Asclepias viridiflora* Rafinesque - green comet milkweed**

***Cynanchum louiseae* Kartesz & Gandhi - Louise**

***Vinca minor* L. - common periwinkle**
 native to southern Europe; occasionally escaping from cultivation and persisting but no specimens at MIN

***Vincetoxicum nigrum* (L.) Moench - Louise**
 native to Europe; known only from Ramsey Co. (last collected 1997)

AQUIFOLIACEAE

***Ilex mucronata* (L.) M. Powell, Savol. & S. Andrews - catberry**

***Ilex verticillata* (L.) A. Gray - common winterberry**

ARACEAE

***Arisaema dracontium* (L.) Schott - green-dragon**
 may cause skin irritation, contains calcium-oxalate crystals; special concern

***Arisaema triphyllum* (L.) Schott - jack in the pulpit**
 may cause skin irritation, contains calcium-oxalate crystals; subsp. not formally recognized by FNA since numerous intermediate forms exist with much overlap in character expression

***Calla palustris* L. - water arum**
 may cause skin irritation, contains calcium-oxalate crystals

***Lemna minor* L. - common duckweed**
 most of our specimens were misidentified and instead are *L. turionifera*

Lemna obscura (Austin) Daubs - **little duckweed**
northern limit of distribution known only from Washington Co. (one population, collected 1988); DNR watch list

Lemna perpusilla Torrey - **minute duckweed**

Lemna trisulca L. - **ivy leaf duckweed**

Lemna turionifera Landolt - **turion duckweed**

Peltandra virginica (L.) Schott - **green arrow arum**

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

Pistia stratiotes L. - **water lettuce**

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

Spirodela polyrrhiza (L.) Schleiden - **common duckmeat**

Symplocarpus foetidus (L.) Salisbury ex W. P. C. Barton - **skunk cabbage**

may cause skin irritation, contains calcium-oxalate crystals; roots toxic

Wolffia borealis (Engelmann) Landolt - **northern watermeal**

Wolffia braziliensis Weddell - **northern watermeal**

misapplied; see *Wolffia borealis*

Wolffia columbiana H. Karsten - **Columbian watermeal**

Wolffia punctata Griseb. - **northern watermeal**

misapplied to our flora, see *W. borealis*

ARALIACEAE

Aralia hispida Ventenat - **bristly sarsaparilla**

Aralia nudicaulis L. - **wild sarsaparilla**

Aralia racemosa subsp. racemosa - **American spikenard**

Hydrocotyle americana L. - **American marsh pennywort**

Hydrocotyle ranunculoides L. f. - **floating marsh pennywort**

possibly introduced, disjunct from eastern OH and TN; known only from Scott Co. (Shakopee-Mdewakanton tribal lands, collected 2007)

Hydrocotyle umbellata L. - **many-flower marsh pennywort**

reported for Minnesota by Gleason & Cronquist 1991 but no specimens at MIN; known from MI, IL

Panax quinquefolius L. - **American ginseng**

Panax trifolius L. - **dwarf ginseng**

ARISTOLOCHIACEAE

Asarum canadense L. - **Canadian wildginger**

ASPARAGACEAE

Asparagus officinalis L. - **common asparagus**

native to Eurasia and north Africa, but evidence suggests that American Indians traded this in pre-European times

Muscari botryoides (L.) Mill. - **common grape hyacinth**

native to Europe; reported for Minnesota by USDA-NRCS but no specimens at MIN

ASPLENIACEAE

Asplenium platyneuron (L.) Britton, Stearns & Poggenburg - **ebony spleenwort**

Asplenium rhizophyllum L. - **walking fern**

Asplenium trichomanes subsp. trichomanes - **maidenhair spleenwort**

ASTERACEAE

Achillea alpina L. - **Chinese yarrow**

southern limit of distribution; known only from Roseau Co. (last collected 1983); threatened

Achillea millefolium L. - **common yarrow**

both native and introduced forms exist but are not distinguishable except on a molecular level; although much morphological variability occurs subsp. and vars. not recognized, the differences are not considered taxonomically important

Achillea nobilis L. - **noble yarrow**

native to Europe; apparently introduced with wildlife planting

Achillea ptarmica L. - **sneezeweed yarrow**

native to Eurasia

Acroptilon repens (L.) de Candolle - **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 trailplant**

erroneous report

Ageratina altissima var. altissima - **white snakeroot**

roots and leaves toxic to humans, deadly poisonous to livestock

Agoseris glauca var. glauca - **pale agoseris**

Agoseris parviflora (Nuttall) Greene - **false agoseris**

erroneous report

Agoseris x agrestis - **pale agoseris**

erroneous report

Ambrosia acanthicarpa Hooker - **flatspine burr ragweed**

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

Ambrosia artemisiifolia L. - **annual ragweed**

state DOA noxious (CN) weed; pollen causes allergies

Ambrosia bidentata Michaux - **lanceleaf ragweed**

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

Ambrosia psilostachya de Candolle - **cuman 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**
state DOA noxious (CN) weed; pollen causes allergies

Anaphalis margaritacea (L.) Bentham & Hooker f. - **western pearly everlasting**

Antennaria howellii subsp. canadensis (Greene) R.J. Bayer - **Canadian pussytoes**

Antennaria howellii subsp. howellii - **Howell's pussytoes**
reported for Minnesota by FNA but no specimens at MIN; known from Ontario, WI, SD and westward

Antennaria howellii subsp. neodioica (Greene) R.J. Bayer - **Howell's pussytoes**

Antennaria howellii subsp. petaloidea (Fernald) R.J. Bayer - **small pussytoes**

Antennaria microphylla Rydberg - **littleleaf pussytoes**

Antennaria neglecta Greene - **field pussytoes**

Antennaria parlinii subsp. fallax (Greene) R.J. Bayer - **Parlin's pussytoes**

Antennaria parlinii subsp. parlinii - **Parlin's pussytoes**
known only from Chisago Co. (red-cedar glades; collected 1990)

Antennaria parvifolia Nuttall - **small-leaf pussytoes**

Antennaria plantaginifolia (L.) Richardson - **woman's tobacco**

Antennaria rosea subsp. arida (E.E. Nelson) R.J. Bayer - **rosy pussytoes**
erroneous report

Antennaria rosea subsp. rosea - **rosy pussytoes**
reported for Minnesota by FNA but no specimens at MIN; known from Ontario, Manitoba, ND

Anthemis cotula L. - **stinking chamomile**
native to Eurasia; pollen may cause allergies

Arctium lappa L. - **greater burdock**
native to Eurasia; reported for Minnesota by FNA but no specimens at MIN

Arctium minus (Hill) Bernhadi - **lesser burdock**
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.

Arctium tomentosum Miller - **woolly burdock**
native to Eurasia; known only from Kittson Co. (last collected 1958)

Arnica lonchophylla Greene - **longleaf arnica**
southern limit of distribution; vars. Not recognized; threatened

Arnoglossum atriplicifolium (L.) H. Robinson - **pale Indian plantain**
erroneous report

Arnoglossum plantagineum Rafinesque - **groovestem Indian plantain**
northern limit of distribution; threatened

Arnoglossum reniforme (Hooker) H. Robinson - **great Indian plantain**

Artemisia abrotanum L. - **southernwood**
native to Eurasia and north Africa

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

Artemisia annua L. - **annual wormwood**
erroneous report

Artemisia biennis Willdenow - **biennial wormwood**
native to northwestern US

Artemisia campestris subsp. borealis (Pall.) Hall & Clem.
misapplied to the regional flora, see subsp. caudata; misapplied name

Artemisia campestris subsp. caudata (Michaux) H.M. Hall & Clements - **field sagewort**

Artemisia cana subsp. cana - **silver sagebrush**
report unverified

Artemisia dracunculus L. - **tarragon**

Artemisia frigida Willdenow - **prairie sagewort**

Artemisia longifolia Nuttall - **longleaf wormwood**
reported for Minnesota by FNA but no specimens at MIN; known from Manitoba, ND, SD on alkaline soils

Artemisia ludoviciana subsp. ludoviciana - **white sagebrush**
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 - **sawtooth wormwood**

Artemisia stelleriana Besser - **old woman**
native to eastern Asia; known only from St. Louis Co. (Duluth area; last collected 2009)

Artemisia vulgaris L. - **common wormwood**
native to Eurasia

Bellis perennis L. - **lawndaisy**
native to Eurasia and Pacific Islands, occasional escape from gardens

Bidens aristosa Britton - **bearded beggarticks**
report unverified

Bidens beckii Torrey ex Sprengel - **Beck's water-marigold**

Bidens cernua L. - **nodding beggartick**

Bidens connata Muhlenberg ex Willdenow - **purplestem beggarticks**

Bidens discoidea Britton - **small beggarticks**

Bidens frondosa L. - **devil's beggartick**

Bidens trichosperma (Michaux) Britton - **crowned beggarticks**

Bidens tripartita L. - **three-lobed beggarticks**

Bidens vulgata Greene - **big devils beggartick**

Boltonia asteroides var. latisquama (A. Gray) Cronquist - **white doll's daisy**

Boltonia asteroides var. recognita (Fernald & Griscom) Cronquist - **white doll's daisy**

Brickellia eupatorioides var. corymbulosa (Torrey & A. Gray) Shinnars - **false boneset**

Canadanthus modestus (Lindley) G.L. Nesom - **giant mountain aster**

Carduus acanthoides* subsp. *acanthoides - **spiny plumeless thistle**
native to Eurasia; state DOA noxious weed, 1st collected 1949, Becker & Rock counties

***Carduus crispus* L.** - **curly plumeless thistle**
native to Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN

***Carduus nutans* L.** - **nodding plumeless thistle**
native to Eurasia; state DOA noxious weed, 1st collected 1939, Goodhue Co.

***Centaurea cyanus* L.** - **garden cornflower**
native to Mediterranean region

***Centaurea diffusa* Lam.** - **diffuse knapweed**

***Centaurea jacea* L.** - **brownray knapweed**
native to Europe; known only from St. Louis Co. (one roadside population, collected 1953)

***Centaurea montana* L.** - **perennial cornflower**
native to montane Europe; known only from St. Louis Co. (Duluth area; one population, collected 1952), doubtfully persisting

Centaurea nigrescens Willdenow - **Tyrol knapweed**
erroneous report

***Centaurea phrygia* L.** - **wig knapweed**
native to Europe; known only from St. Louis Co. (last collected 2006)

***Centaurea solstitialis* L.** - **yellow star-thistle**
native to southern Europe; reported for Minnesota by FNA but no specimens at MIN; known from all surrounding states and provinces

***Centaurea stoebe* L.**

Centaurea stoebe* subsp. *micranthos (S.G. Gmelin ex Gugler) Hayek - **spotted knapweed**
native to Europe; state DOA noxious (CN) weed, 1st collected 1918, Dakota Co.

Centaurea x moncktonii C.E. Britton - **meadow knapweed**
(*C. jacea* x *nigra* x *nigrescens*); native to Europe; known only from St. Louis Co. (last collected 2006)

Chrysopsis villosa* var. *angustifolia (Rydb.) Cronquist
misapplied name; see *Heterotheca stenophylla*

***Cichorium intybus* L.** - **chicory**
native to Eurasia

Cirsium altissimum (L.) Sprengel - **tall thistle**

Cirsium arvense (L.) Scopoli - **Canada thistle**
native to Eurasia; state DOA noxious weed, 1st collected 1878, Hennepin Co.; vars. not recognized

Cirsium discolor (Muhlenberg ex Willdenow) Sprengel - **field thistle**

Cirsium flodmanii (Rydb.) Arthur - **Flodman's thistle**

Cirsium muticum Michaux - **swamp thistle**

Cirsium palustre (L.) Scop. - **marsh thistle**
native to Eurasia; reported for Minnesota (Houston Co.) by U.S. Forest Service but no specimens at MIN

Cirsium pumilum* var. *hillii (Canby) B. Boivin - **Hill's thistle**

Cirsium undulatum (Nuttall) Sprengel - **wavyleaf thistle**
reported for Minnesota by FNA but no specimens at MIN; easily confused with *C. flodmanii*

Cirsium vulgare (Savi) Tenore - **bull thistle**
native to Eurasia; state DOA noxious weed, 1st collected 1883, Wabasha Co.

Cirsium x iowense (Pammel) Fernald - **Iowa thistle**
(*C. altissimum* x *discolor*); progeny of this hybrid have low fertility but occur in stable populations; FNA recognizes this taxon but recommends further genetic study before a proper classification can be made

Conyza canadensis (L.) Cronquist - **Canadian horseweed**
vars. not recognized

Conyza ramosissima Cronquist - **dwarf horseweed**

***Coreopsis lanceolata* L.** - **lanceleaf tickseed**
native to eastern US

Coreopsis palmata Nuttall - **stiff tickseed**

Coreopsis tinctoria Nuttall - **golden tickseed**
native to southern US; vars. not recognized

Cosmos bipinnatus Cavanilles - **garden cosmos**
native to Mexico and southwestern U.S.; reported as naturalized for Minnesota by FNA but no specimens at MIN

Cosmos sulphureus Cavanilles - **sulphur cosmos**
native to Mexico; known only from Olmsted Co. (collected 1994), apparently introduced as part of prairie planting but doubtfully persisting

Cota tinctoria (L.) J. Gay ex Gussone - **golden chamomile**
native to Eurasia

Crepis capillaris (L.) Wallroth - **smooth hawkbeard**
native to Europe; state DOA noxious (CN) weed, but not known from Minnesota

Crepis runcinata* subsp. *runcinata - **fiddleleaf hawkbeard**

***Crepis tectorum* L.** - **narrowleaf hawkbeard**
native to Europe; state DOA noxious (CN) weed, 1st collected 1934, Becker Co.

Cyclachaena xanthiifolia (Nuttall) Fresenius - **giant sumpweed**
state DOA noxious (CN) weed

Dieteria canescens (Pursh) Nutt. - **hoary tansyaster**

Doellingeria umbellata* var. *pubens (A. Gray) Britton - **parasol whitetop**

Doellingeria umbellata* var. *umbellata - **parasol whitetop**

Dyssodia papposa (Ventenant) A. Hitchcock - **field marigold**

Echinacea angustifolia de Candolle - **narrow leaved purple coneflower**

Echinacea pallida (Nuttall) Nuttall - **pale purple coneflower**

Echinops exaltatus Schrader - **tall globethistle**
native to Siberia; known only from St. Louis Co. (one population from former agricultural test plots, collected 2004)

Echinops sphaerocephalus - **great globethistle**
native to Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN

Eclipta prostrata (L.) L. - **false daisy**
known only from Washington Co. (one riverside population, collected 1976), probably introduced from further east

Erechtites hieraciifolius var. *hieraciifolius* - **American burnweed**

Erigeron acris L. - **bitter fleabane**

Erigeron acris var. *kamtschaticus* (de Candolle) Herder

Erigeron annuus (Linnaeus) Persoon - **eastern daisy fleabane**

Erigeron glabellus var. *pubescens* Hooker - **streamside fleabane**

Erigeron lonchophyllus Hooker - **shortray fleabane**

Erigeron philadelphicus var. *philadelphicus* - **Philadelphia fleabane**

Erigeron pulchellus var. *pulchellus*

Erigeron pulchellus var. *tolsteadii* Cronquist - **Tolstead's erigeron**
endemic to Minnesota; DNR watch list

Erigeron strigosus var. *septentrionalis* (Fernald & Wiegand) Fernald

Erigeron strigosus var. *strigosus*

Eupatorium altissimum L. - **tall boneset**

Eupatorium perfoliatum L. - **common boneset**
vars. not recognized

Eupatorium serotinum Michaux - **lateflowering thoroughwort**
reported for Minnesota by FNA but no specimens at MIN; known from WI, IA, NE

Eupatorium sessilifolium L. - **upland boneset**
northwest limit of distribution; threatened

Eurybia macrophylla (L.) Cassini - **bigleaf aster**

Euthamia graminifolia (L.) Nuttall - **flat-top goldentop**
vars. not recognized

Euthamia gymnospermoides Greene - **Texas goldentop**

Eutrochium maculatum (L.) E.E. Lamont - **spotted joe pye weed**

Eutrochium maculatum var. *bruneri* (A. Gray) E.E. Lamont

Eutrochium maculatum var. *foliosum* (Fernald) E.E. Lamont
known only from Cook Co. (last collected 1945); rare historic record

Eutrochium maculatum var. *maculatum*

Eutrochium purpureum (L.) E.E. Lamont - **sweet scented joe pye weed**

Eutrochium purpureum var. *holzingeri* (Rydberg) E.E. Lamont - **Holzinger's eupatorium**

Eutrochium purpureum var. *purpureum* - **sweetscented joe pye weed**
reported for Minnesota by FNA but no specimens at MIN; known from WI, IA, NE

Gaillardia aristata Pursh - **common gaillardia**

Gaillardia pulchella Fougeroux - **Indian blanket**
native to southern US

Galinsoga parviflora var. *parviflora* - **gallant soldier**
native from southwestern US to South America

Galinsoga quadriradiata Ruiz & Pav - **shaggy soldier**
native from Central America to South America

Gnaphalium uliginosum L. - **marsh cudweed**
native to Europe

Grindelia hirsutula Hooker & Arnott - **hairy gumweed**

Grindelia squarrosa (Pursh) Dunal - **curlycup gumweed**
state DOA noxious (CN) weed; vars. not recognized

Gutierrezia sarothrae (Pursh) Britton & Rusby - **broom snakeweed**
reported for Minnesota by FNA but no specimens at MIN; known from Manitoba, ND, SD on rocky soils

Hasteola suaveolens (L.) Pojarkova - **false Indian plantain**
northwest limit of distribution; endangered

Helenium autumnale L. - **common sneezeweed**
poisonous to cattle; vars. not recognized

Helenium flexuosum Rafinesque - **purplehead sneezeweed**
native to eastern US; known only from Carlton Co. (one swampy roadside population, collected 1944)

Helianthus annuus L. - **common sunflower**
state DOA noxious (CN) weed, named cultivars exempt

Helianthus giganteus L. - **giant sunflower**

Helianthus grosseserratus M. Martens - **sawtooth sunflower**

Helianthus hirsutus Rafinesque - **hairy sunflower**

Helianthus maximiliani Schrader - **Maximilian's sunflower**

Helianthus microcephalus Torrey & A. Gray - **small woodland sunflower**
reported for Minnesota by FNA but no specimens at MIN; known from IA, IL

Helianthus nuttallii subsp. *rydbergii* (Britton) R.W. Long - **Rydberg's sunflower**

Helianthus occidentalis subsp. *occidentalis* - **fewleaf sunflower**

Helianthus pauciflorus subsp. *pauciflorus* Nutt. - **stiff sunflower**

Helianthus pauciflorus subsp. *subrhomboideus* (Rydberg) O. Spring & E.E. Schilling - **stiff sunflower**

Helianthus petiolaris subsp. *petiolaris* - **prairie sunflower**

Helianthus strumosus L. - **paleleaf woodland sunflower**

Helianthus tuberosus L. - **Jerusalem artichoke**
state DOA noxious (CN) weed

Helianthus x laetiflorus Persoon - **cheerful sunflower**
(H. pauciflorus x tuberosus)

Heliopsis helianthoides var. *scabra* (Dunal) Fernald - **smooth oxeye**

Heterotheca stenophylla var. *angustifolia* (Rydberg) Semple - **stiffleaf false goldenaster**
known only from Pipestone Co. (collected 1963)

Heterotheca villosa var. **ballardii** (Rydberg) Semple - **hairy false goldenaster**
Heterotheca villosa var. **foliosa** (Nuttall) V.L. Harms - **hairy false goldenaster**
known only from Traverse Co. (collected 1938)
Heterotheca villosa var. **minor** (Hooker) Semple - **hairy false goldenaster**
Heterotheca villosa var. **villosa** - **hairy false goldenaster**
Hieracium aurantiacum L. - **orange hawkweed**
native to Europe; state DOA noxious (CN) weed, 1st collected 1947, St. Louis Co.
Hieracium caespitosum Dumortier - **meadow hawkweed**
native to Europe
Hieracium gronovii L. - **queendevil**
reported for Minnesota by FNA but no specimens at MIN; known from MI, IN, IL, MO
Hieracium longipilum Torrey ex Hooker - **hairy hawkweed**
Hieracium pilosella L. - **mouse-ear hawkweed**
native to Europe
Hieracium piloselloides Villars - **tall hawkweed**
native to Europe
Hieracium scabrum Michaux - **rough hawkweed**
Hieracium umbellatum L. - **narrowleaf hawkweed**
Hieracium vulgatum Fries - **common hawkweed**
native to Europe; correct name for this taxon is in some doubt fide FNA
Hieracium x fernaldii Lepage
(H. scabrum x umbellatum); reported for Minnesota by USDA-NRCS but no specimens at MIN; FNA makes no mention of this hybrid
Hieracium x floribundum Wimmer & Grabowski - **smooth king devil**
(H. caespitosum x lactucella); native to Europe
Inula britannica L. - **British yellowhead**
native to Europe; known only from Dakota Co. (nursery holding area, collected 2004)
Inula helenium L. - **elecampane**
native to Europe
Ionactis linariifolia (L.) Greene - **flaxleaf whitetop aster**
report unverified
Iva annua L. - **annual marsh elder**
to be expected on moist disturbed sites; known from ND, SD, IA, WI
Iva axillaris Pursh - **povertyweed**
reported for Minnesota by FNA but no specimens at MIN; known from WI, Manitoba, ND, SD on wet saline soils
Krigia biflora (Walter) S.F. Blake - **twoflower dwarf dandelion**
Krigia virginica (L.) Willdenow - **Virginia dwarf dandelion**
reported for Minnesota by FNA but no specimens at MIN; known from WI, IL, IA
Lactuca biennis (Moench) Fernald - **tall blue lettuce**
Lactuca canadensis L. - **Canada lettuce**
Lactuca floridana (L.) Gaertner - **woodland lettuce**
Lactuca hirsuta Muhlenberg ex Nuttall - **hairy lettuce**
erroneous report
Lactuca ludoviciana (Nuttall) Ridell - **biannual lettuce**
Lactuca serriola L. - **prickly lettuce**
native to Europe; toxic to livestock
Lapsana communis L. - **comon nipplewort**
native to Eurasia
Leontodon autumnalis L. - **fall 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**
native to eastern Europe
Leucanthemum lacustre (Brot.) Samp. - **giant daisy**
misapplied to US flora (except CA), see L. serotina
Leucanthemum vulgare Lamarck - **oxeye daisy**
native to Europe; state DOA noxious (CN) weed, 1st collected 1878, Hennepin Co.
Liatris aspera Michaux - **tall blazing star**
Liatris cylindracea Michaux - **Ontario blazing star**
Liatris ligulistylis (A. Nelson) K. Schumann - **Rocky Mountain blazing star**
Liatris punctata var. **punctata** - **dotted blazing star**
Liatris pycnostachya var. **pycnostachya** NULL - **prairie blazing star**
Liatris squarrosa var. **glabrata** (Rydb.) Gaiser - **scaly blazing star**
report unverified
Liatris x frostii Gaiser
(L. aspera x pycnostachya); reported as endemic to Minnesota by USDA-NRCS but no specimens at MIN
Liatris x spherioidea Michaux - **spherical blazing star**
(L. aspera x ligulistylis); known only from Marshall Co. (collected 1900)
Logfia arvensis (L.) Holub - **field cottonrose**
native to Eurasia and northwest Africa; known only from St. Louis Co. (last collected 2006)
Lygodesmia juncea (Pursh) D. Don ex Hooker - **rush skeletonplant**
Madia glomerata Hooker - **mountain tarweed**
native to western US
Matricaria chamomilla L. - **German chamomile**
native to Eurasia; pollen causes allergies
Matricaria discoidea de Candolle - **disc mayweed**
native to northwestern US
Matricaria maritima L. - **scentless false mayweed**

misapplied; see *Tripleurospermum inodorum*

Matricaria matricarioides (Less.) Porter - **disc mayweed**

misapplied; see *M. discoidea*

Mulgedium pulchellum (Pursh) G. Don - **blue lettuce**

Mycelis muralis (L.) Dumortier - **wall-lettuce**

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

Nothocalais cuspidata (Pursh) Greene - **prairie false dandelion**

Onopordum acanthium* var. *acanthium - **Scotch cottonthistle**

native to Eurasia; known only from Pipestone Co. (one population, collected 1954), doubtfully persisting

Packera aurea (L.) A. Love & D. Love - **golden ragwort**

leaves and roots possibly toxic to humans, deadly poisonous to horses and cattle

Packera cana (Hooker) W.A. Weber & Á. Løve - **woolly groundsel**

southeast limit of distribution; known only from Polk Co. (last collected 1993); endangered

Packera indecora (Greene) Á. Løve & D. Løve - **elegant groundsel**

Packera pauciflora (Pursh) Á. Løve & D. Løve - **alpine groundsel**

disjunct from western North America and northern Canada; only known specimens at DUL

Packera paupercula (Michaux) Á. Løve & D. Løve - **balsam groundsel**

Packera plattensis (Nuttall) W.A. Weber & Á. Løve - **prairie groundsel**

leaves and roots possibly toxic to humans, deadly poisonous to horses and cattle

Packera pseud aurea* var. *semicordata (Mackenzie & Bush) Trock & T.M. Barkley - **falsegold groundsel**

***Parthenium integrifolium* L.** - **wild quinine**

northwest limit of distribution; endangered

Petasites frigidus* var. *palmatum (Aiton) Cronquist - **arctic sweet coltsfoot**

Petasites frigidus* var. *sagittatus (Banks ex Pursh) Cherniawsky - **arrowleaf sweet coltsfoot**

Petasites frigidus* var. *x vitifolius (Greene) Cherniawsky - **arctic sweet coltsfoot**

Petasites hybridus (L.) G. Gaertn., B. Mey. & Scherb. - **pestilence wort**

***Polymnia canadensis* L.** - **whiteflower leafcup**

***Prenanthes alba* L.** - **white rattlesnakeroot**

Prenanthes aspera Michaux - **rough rattlesnakeroot**

Prenanthes crepidinea Michaux - **nodding rattlesnakeroot**

known only from Houston Co. (collected 1900); rare historic record

Prenanthes racemosa Michaux - **purple rattlesnakeroot**

vars./subsp. not recognized

Pseudognaphalium macounii (Greene) Kartesz - **clammy cudweed**

Pseudognaphalium micradenium (Weatherby) G.L. Nesom - **Heller's cudweed**

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

Pseudognaphalium obtusifolium (L.) Hilliard & B.L. Burt - **rabbit-tobacco**

Pseudognaphalium viscosum (Kunth) W.A. Weber - **clammy cudweed**

misapplied to the regional flora, see *P. macounii*

Ratibida columnifera (Nuttall) Wootton & Standley - **upright prairie coneflower**

Ratibida pinnata (Ventenat) Barnhart - **pinnate prairie coneflower**

Rudbeckia hirta* var. *pulcherrima Farwell - **blackeyed Susan**

Rudbeckia laciniata* var. *laciniata - **cutleaf coneflower**

Rudbeckia subtomentosa Pursh - **sweet coneflower**

possibly introduced or possibly a range extension from southern IA and WI; known only from Mower Co. (one railroad population, collected 2001); DNR watch list

Rudbeckia triloba* var. *triloba - **browneyed Susan**

Senecio eremophilus* var. *eremophilus - **desert ragwort**

to be expected in far northeast corner (known from adjacent Ontario), on grassy, rocky outcroppings and cliffs

Senecio integerrimus* var. *integerrimus - **lambstongue ragwort**

leaves and roots possibly toxic

***Senecio viscosus* L.** - **sticky ragwort**

native to Eurasia; known only from St. Louis Co. (Duluth area; last collected 2006)

***Senecio vulgaris* L.** - **old-man-in-the-spring**

native to Eurasia; leaves and roots possibly toxic to humans, deadly poisonous to horses and cattle

Shinnersoseris rostrata (A. Gray) Tomb - **beaked skeletonweed**

eastern limit of distribution; threatened

Silphium integrifolium* var. *integrifolium - **wholeleaf rosinweed**

possibly to be expected along southern border (known from SD, IA, WI), in road/railsides prairies

***Silphium laciniatum* L.** - **compass plant**

Silphium perfoliatum* var. *perfoliatum - **cup plant**

Solidago altissima* subsp. *altissima - **Canada goldenrod**

Solidago altissima* subsp. *gilvocanescens (Rydberg) Semple - **Canada goldenrod**

Solidago canadensis* var. *canadensis - **Canada goldenrod**

Solidago canadensis* var. *hageri Fernald - **Canada goldenrod**

Solidago canadensis* var. *salebrosa (Piper) M.E. Jones - **late goldenrod**

misapplied to our flora, see *S. canadensis* or possibly *S. altissima*

***Solidago flexicaulis* L.** - **zigzag goldenrod**

Solidago gigantea Aiton - **giant goldenrod**

Solidago hispida Muhlenberg ex Willdenow - **hairy goldenrod**

vars. not recognized

Solidago jejunifolia Steele - **showy goldenrod**

Solidago juncea Aiton - **early goldenrod**

Solidago lepida* var. *molina Fernald

Solidago missouriensis Nutt. - **Missouri goldenrod**

vars. not recognized

Solidago mollis Bartling - **velvety goldenrod**

Solidago nemoralis subsp. *decemflora* (de Candolle) Brammall ex Semple - **gray goldenrod**

Solidago nemoralis subsp. *nemoralis* - **gray goldenrod**

Solidago ptarmicoides (Torrey & A. Gray) B. Boivin - **prairie goldenrod**

Solidago riddellii Frank - **Riddell's goldenrod**

Solidago rigida L. - **stiff goldenrod**

Solidago rigida subsp. *humilis* (Porter) S.B. Heard & Semple - **stiff goldenrod**

Solidago rigida subsp. *rigida* - **stiff goldenrod**

Solidago rigidiuscula (Torr. & A. Gray) Porter - **showy goldenrod**

Solidago sciaphila E.S. Steele - **shadowy goldenrod**

Solidago simplex var. *simplex* - **Mt. Albert goldenrod**
reported for Minnesota by FNA but no specimens at MIN; known from Ontario, Manitoba, ND, SD in rocky seepages

Solidago speciosa var. *speciosa*

Solidago uliginosa Nuttall - **bog goldenrod**

Solidago ulmifolia Muhlenberg ex Willdenow

Solidago ulmifolia var. *ulmifolia* - **elmleaf goldenrod**

Solidago x bernardii B. Boivin - **yellow stiff-aster**
(*S. ptarmicoides* x *riddellii*)

Sonchus arvensis subsp. *arvensis* - **field sowthistle**

Sonchus arvensis subsp. *uliginosus* (M. Bieberstein) Nyman - **field sowthistle**

Sonchus asper (L.) Hill - **spiny sowthistle**
native to Mediterranean region

Sonchus oleraceus L. - **common sowthistle**
native to Europe

Symphyotrichum boreale (Torrey & A. Gray) Á. Løve & D. Løve - **northern bog aster**

Symphyotrichum ciliatum (Ledebour) G.L. Nesom - **rayless alkali aster**
native to western US, Canada, and Siberia

Symphyotrichum ciliolatum - **Lindley's aster**

Symphyotrichum cordifolium - **common blue wood aster**

Symphyotrichum drummondii (Lindley) G.L. Nesom

Symphyotrichum drummondii var. *drummondii* - **Drummond's aster**

Symphyotrichum ericoides (L.) G.L. Nesom - **white heath aster**

Symphyotrichum ericoides var. *ericoides*

Symphyotrichum ericoides var. *pansum* (S.F. Blake) G.L. Nesom - **manyflowered aster**
known only from Wilkin Co. (one prairie population, collected 1981)

Symphyotrichum falcatum var. *commutatum* (Torrey & A. Gray) G.L. Nesom

Symphyotrichum falcatum var. *falcatum* - **white prairie aster**
report unverified

Symphyotrichum firmum (Nees) G.L. Nesom - **purplestem aster**

Symphyotrichum laeve (L.) Á. Løve & D. Løve - **smooth blue aster**

Symphyotrichum laeve var. *geyeri* (A. Gray) G.L. Nesom - **Geyer's aster**
known only from type specimen (as *A. laeviformis*) collected at Lake Benton, Lincoln Co., 1891; rare historic record

Symphyotrichum laeve var. *laeve*

Symphyotrichum lanceolatum (Willd.) G.L. Nesom - **white panicle aster**

Symphyotrichum lanceolatum var. *hesperium* (A. Gray) G.L. Nesom

Symphyotrichum lanceolatum var. *hirsuticaule* (Semple & Chmielewski) G.L. Nesom
known only from Itasca Co. (collected 2008)

Symphyotrichum lanceolatum var. *interior* (Wiegand) G. L. Nesom

Symphyotrichum lanceolatum var. *lanceolatum* - **white panicle aster**

Symphyotrichum lanceolatum var. *latifolium* (Semple & Chmielewski) G.L. Nesom - **white panicle aster**
reported for Minnesota by FNA but no specimens at MIN; known from adjacent states and provinces

Symphyotrichum lateriflorum (L.) Á. Løve & D. Løve - **calico aster**

Symphyotrichum novae-angliae (L.) G.L. Nesom - **New England aster**

Symphyotrichum novi-belgii (L.) G.L. Nesom - **New York aster**

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

Symphyotrichum oblongifolium (Nuttall) G.L. Nesom - **aromatic aster**

Symphyotrichum ontarionis (Wiegand) G.L. Nesom

Symphyotrichum ontarionis var. *ontarionis* - **bottomland aster**

Symphyotrichum oolentangiense - **skyblue aster**
vars. not recognized

Symphyotrichum patens var. *patens* - **late purple aster**
erroneous report

Symphyotrichum pilosum (Willdenow) G.L. Nesom - **hairy white old field aster**

Symphyotrichum pilosum var. *pilosum* - **hairy white oldfield aster**

Symphyotrichum pilosum var. *pringlei* (A. Gray) G.L. Nesom - **Pringle's aster**
known only from Winona Co. (one park population, collected 1914)

Symphyotrichum praealtum (Poiret) G.L. Nesom - **willowleaf aster**
several varieties have been proposed but more work is needed to establish their validity

Symphyotrichum prenanthoides (Muhlenberg ex Willdenow) G.L. Nesom - **crookedstem aster**

Symphyotrichum puniceum (L.) Á. Løve & D. Løve

Symphyotrichum puniceum var. *puniceum* - **purplestem aster**

Symphyotrichum robynsonianum (J. Rousseau) Brouillet & Labrecque - **longleaf aster**
erroneous report

Symphotrichum sericeum (Ventenat) G.L. Nesom - **western silky aster**

Symphotrichum shortii (Lindley) G.L. Nesom - **Short's aster**
northwest limit of distribution; special concern

Symphotrichum urophyllum (Lindley ex de Candolle) G.L. Nesom - **white arrowleaf aster**

Symphotrichum x amethystinum (Nuttall) G.L. Nesom - **amethyst aster**
(*S. ericoides* x *novae-angliae*)

Symphotrichum x longulum (E. Sheldon) G.L. Nesom - **long aster**
(*S. boreale* x *puniceum*) known only from MN and WI

Tanacetum parthenium (L.) Schultz-Bipontinus - **feverfew**
native to Eurasia and north Africa

Tanacetum vulgare L. - **common tansy**
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1875, Hennepin Co.; plant oil poisonous

Taraxacum erythrospermum Andrzejowski ex Besser - **rock dandelion**
native to Europe

Taraxacum officinale F.H. Wiggers - **common dandelion**
native to Europe

Tephrosia palustris (L.) Reichenbach - **marsh fleabane**

Thelesperma megapotamicum (Sprengel) 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 Scopoli - **yellow salsify**
native to Europe

Tragopogon porrifolius L. - **salsify**
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. - **jack-go-to-bed-at-noon**
native to Europe

Tripleurospermum inodorum (L.) Schultz-Bipontinus - **scentless false mayweed**
native to Europe

Tripleurospermum maritimum (L.) W.D.J. Koch
misapplied to the regional flora, see *T. inodorum*; misapplied name

Tripleurospermum perforatum (Mérat) M. Lainz - **scentless false mayweed**
misapplied; see *T. inodorum*

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

Vernonia baldwinii Torrey - **Baldwin's ironweed**
native from central to southwestern Great Plains; vars. not recognized; rare historic record

Vernonia fasciculata Michaux - **prairie ironweed**
vars. not recognized

Xanthisma spinulosum var. *spinulosum* - **lacy tansyaster**

Xanthium strumarium L. - **rough cocklebur**
state DOA noxious (CN) weed, 1st collected 1886; highly toxic to livestock; vars. Not recognized

ATHYRIACEAE

Diplazium pycnocarpon (Sprengel) M. Broun - **glade fern**
northwest limit of distribution; threatened

AZOLLACEAE

Azolla caroliniana Willdenow - **Carolina mosquitofern**
reported for Minnesota by FNA but no specimens at MIN; widespread in eastern US 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 mosquitofern**
some of our specimens probably *A. caroliniana* (see comments under *Azolla caroliniana*); special concern

BALSAMINACEAE

Impatiens balfourii Hook.f. - **Balfour's touch-me-not**

Impatiens capensis Meerburgh - **jewelweed**

Impatiens glandulifera Royle - **ornamental jewelweed**
native to Himalayan region; known only from the Caribou River in Lake Co. (collected 2008); can become extremely invasive in milder environments

BERBERIDACEAE

Berberis repens Lindley - **creeping barberry**
native to western US; reported for Minnesota by MN-DNR and FNA but no specimens at MIN

Berberis thunbergii de Candolle - **Japanese barberry**
native to Japan

Berberis vulgaris L. - **common barberry**
native to Europe

Caulophyllum thalictroides (L.) Michaux - **blue cohosh**

Jeffersonia diphylla (L.) Persoon - **twinleaf**

Podophyllum peltatum L. - **mayapple**
roots and leaves poisonous

BETULACEAE

Alnus glutinosa (L.) Gaertn. - **European alder**
native to Europe; reported as naturalized in east-central Minnesota by FNA but no specimens at MIN

Alnus incana subsp. *rugosa* (Du Roi) R.T. Clausen - **speckled alder**

Alnus viridis subsp. *crispa* (Aiton) Turrill - **mountain alder**
Betula alleghaniensis - **yellow birch**
Betula cordifolia Regel - **mountain paper birch**
Betula glandulosa Michaux
 misapplied to our flora, see *B. pumila*; misapplied name
Betula nana L. - **dwarf birch**
 erroneous report
Betula nigra L. - **river birch**
Betula papyrifera Marshall - **paper birch**
Betula pubescens Ehrhart - **downy birch**
 native to Europe; known only from Houston Co. (one roadside population, collected 1920)
Betula pumila L. - **bog birch**
Betula x purpusii Schneider - **Purpus' birch**
 (*B. alleghaniensis* x *pumila*)
Betula x rosendahlia Butters & Abbe - **Rosendahl's birch**
 (*B. cordifolia* x *papyrifera*); taxonomic status uncertain, not included in FNA or USDA-NRCS; known only from Cook Co. (last collected 2000)
Betula x sandbergii Britton - **Sandberg's birch**
 (*B. papyrifera* x *pumila*)
Carpinus caroliniana subsp. *virginiana* (Marshall) Furlow - **American hornbeam**
Corylus americana Walter - **American hazelnut**
Corylus cornuta subsp. *cornuta* - **beaked hazelnut**
Ostrya virginiana (Miller) K. Koch - **hophornbeam**

BIGNONIACEAE

Catalpa ovata G. Don - **Chinese catalpa**
 native to China; known only from Houston Co. (one population, collected 1979, no further data, probably cultivated and not escaping)
Catalpa speciosa (Warder) Warder ex Engelman - **northern catalpa**
 native to southern US

BORAGINACEAE

Anchusa arvensis (L.) M. von Bieberstein - **small bugloss**
 native to Europe
Asperugo procumbens L. - **German-madwort**
 native to Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN
Borago officinalis L. - **common borage**
 native to Europe; doubtfully persisting
Buglossoides arvensis (L.) I.M. Johnst. - **corn gromwell**
 report unverified
Cynoglossum officinale L. - **gypsyflower**
 native to Europe; leaves and roots potentially toxic and may cause skin irritation
Cynoglossum virginianum var. *boreale* (Fernald) Cooperrider - **wild comfrey**
Echium vulgare L. - **common viper's bugloss**
 native to southern Europe; plant toxic
Ellisia nyctelea (L.) L. - **aunt lucy**
Eriodictyon angustifolium Nutt. - **narrowleaf yerba santa**
Hackelia deflexa var. *americana* (A. Gray) Fernald & I.M. Johnston - **nodding stickseed**
Hackelia virginiana (L.) I.M. Johnston - **beggarslice**
Hydrophyllum appendiculatum Michaux - **great waterleaf**
Hydrophyllum virginianum var. *virginianum* - **eastern waterleaf**
Lappula occidentalis var. *occidentalis* - **flatspine stickseed**
Lappula squarrosa (Retzius) Dumortier - **European stickseed**
 native to Eurasia
Lithospermum canescens (Michaux) J.G.C. Lehmann - **hoary puccoon**
Lithospermum carolinense var. *croceum* (Fernald) Cusick - **Carolina puccoon**
Lithospermum incisum J.G.C. Lehmann - **narrowleaf stoneseed**
Lithospermum latifolium Michaux - **American stoneseed**
Lithospermum officinale L. - **European stoneseed**
 native to Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN
Mertensia paniculata var. *paniculata* - **tall bluebells**
Mertensia virginica (L.) Persoon ex Link - **Virginia bluebells**
Myosotis arvensis (L.) Hill - **field forget-me-not**
 native to Eurasia
Myosotis laxa J.G.C. Lehmann - **bay forget-me-not**
Myosotis scorpioides L. - **true forget-me-not**
 native to Europe
Myosotis sylvatica J.F. Ehrhart ex Hoffmann - **woodland forget-me-not**
 native to Eurasia
Myosotis verna Nuttall - **spring forget-me-not**
Onosmodium bejariense DC.
Onosmodium bejariense var. *hispidissimum* (Mack.) B.L. Turner - **softhair marbleseed**
Onosmodium bejariense var. *occidentale* (Mack.) B.L. Turner - **western marbleseed**
Phacelia franklinii (R. Brown) A. Gray - **Franklin's phacelia**
Plagiobothrys scouleri var. *hispidulus* (Greene) Dorn - **sleeping popcorn flower**
Symphytum asperum Lepechin - **prickly comfrey**
 native to Caucasus Mountains; known only from Goodhue Co. (historical collection from 1881)

Symphytum officinale L. - **common comfrey**
native to Eurasia

BRASSICACEAE

Alliaria petiolata (M. Bieberstein) Cavara & Grande - **garlic mustard**
native to Europe; state DOA noxious weed, 1st collected 1933, Hennepin Co.

Alyssum alyssoides (L.) L. - **pale madwort**
native to Europe

Alyssum desertorum Stapf - **desert madwort**

Arabidopsis lyrata (L.) O

Arabidopsis lyrata subsp. *lyrata* - **lyrate rockcress**

Arabidopsis thaliana (L.) Heynh. - **mouseear cress**
native to Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN

Arabis divaricarpa A. Nelson - **spreadingpod rockcress**
misapplied; see *Boecheera grahamii*

Arabis perstellata E.L. Braun - **Short's rockcress**
misapplied; see *Boecheera dentata*

Arabis pycnocarpa M. Hopkins - **hairy rockcress**

Arabis pycnocarpa var. *adpressipilis* M. Hopkins
known only from Waseca Co. (historical collection from 1891), probably a waif, natural distribution is IA to OH and southward

Armoracia rusticana P. Gaertner, B. Meyer & Scherbius - **horseradish**
native to Eurasia; poisonous to livestock

Barbarea orthoceras Ledebour - **American yellowrocket**

Barbarea vulgaris W.T. Aiton - **garden yellowrocket**
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.; vars. not recognized

Berteroa incana (L.) de Candolle - **hoary alyssum**
native to Europe; state DOA noxious (CN) weed, 1st collected 1894, Ramsey Co.

Boecheera canadensis (L.) Al-Shehbaz - **sicklepod**

Boecheera collinsii (Fernald) Å. Løve & D. Løve - **Collins' rockcress**
known only from Cook Co. (one cliffside population, collected 1938); rare historic record

Boecheera dentata (Rafinesque) Al-Shehbaz & Zarucchi - **Short's rockcress**

Boecheera divaricarpa (A. Nelson) Å. Løve & D. Løve
misapplied to our flora, see *B. grahamii*; misapplied name

Boecheera grahamii (Lehmann) Windham & Al-Shehbaz - **spreadingpod rockcress**

Boecheera laevigata (Muhlenberg ex Willdenow) Al-Shehbaz - **smooth rockcress**

Boecheera missouriensis (Greene) Al-Shehbaz - **green rockcress**
known only from Pine Co. (one roadside population, collected 1980)

Boecheera retrofracta (Graham) Å. Løve & D. Løve - **second rockcress**

Boecheera stricta (Graham) Al-Shehbaz - **Drummond's rockcress**

Brassica juncea (L.) Czernajew - **brown mustard**
native to Asia; raw seeds somewhat toxic to livestock but cultivated as an oil crop and for condiments

Brassica napus L. - **rape**

native to Mediterranean; known only from Pennington and St. Louis counties (city weeds, last collected 2009), doubtfully persisting; seeds somewhat toxic to livestock;
supsp. not recognized

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; cultivars sometimes recognized as vars.

Brassica rapa L. - **field mustard**
native to Europe; raw seeds poisonous but commonly cultivated as a oil crop

Camelina alyssum (Miller) Thellung - **gold-of-pleasure**
native to Europe; known only from Chisago Co. (historical collections from 1885)

Camelina microcarpa de Candolle - **littlepod false flax**
native to Europe

Camelina rumelica Velen. - **graceful false flax**
native to Eurasia; known only from St. Louis Co., doubtfully persisting; only known specimen at DUL

Camelina sativa (L.) Crantz - **gold-of-pleasure**
native to Eurasia

Capsella bursa-pastoris (L.) Medikus - **shepherd's purse**
native to southern Europe

Cardamine bulbosa (Schreber ex Muhlenberg) Britton, Sterns & Poggenburg - **bulbous bittercress**

Cardamine concatenata (Michaux) O. Schwarz - **cutleaf toothwort**

Cardamine diphylla (Michx.) Alph. Wood - **crinkleroot**
reported for Minnesota by USDA-NRCS and FNA but no specimens at MIN; known from Ontario, IL, WI

Cardamine douglassii Britt. - **limestone bittercress**
reported for Minnesota by FNA but no specimens at MIN; known from Ontario, WI, IA

Cardamine flexuosa Withering - **woodland bittercress**
native to Europe; known only from Hennepin Co. (garden weed, collected 2007)

Cardamine impatiens L. - **narrowleaf bittercress**
native to Eurasia; invasive with explosively dehiscent fruits; known only from Ramsey Co. (along Mississippi River in St. Paul, first collected 2008); vars. not recognized

Cardamine parviflora L. - **sand bittercress**
vars. not recognized

Cardamine pennsylvanica Muhlenberg ex Willdenow - **Pennsylvania bittercress**

Cardamine pratensis L. - **cuckoo flower**
disjunct from MI, and OH eastward; however, most populations in US introduced from Europe; vars. not recognized; threatened

Chorispora tenella (Pallas) de Candolle - **crossflower**

native to Eurasia; known only from Ramsey Co. (one lawn population, collected 1988), doubtfully persisting

Conringia orientalis (L.) Dumortier - **hare's ear mustard**
native to Eurasia

Descurainia incana (Bernhardi ex Fischer & C.A. Meyer) Dorn - **mountain tansymustard**
known only from St. Louis Co. (last collected 1936); rare historic record

Descurainia pinnata subsp. ***brachycarpa*** (Richardson) Detling - **western tansymustard**

Descurainia sophia (L.) Webb ex Prantl - **herb sophia**
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1932, Dakota Co.

Diplotaxis muralis (L.) de Candolle - **annual wallrocket**
native to Europe; known only from Martin Co. (one lawn population, collected 1957), doubtfully persisting

Draba arabisans Michaux - **rock draba**
vars. not recognized; special concern

Draba cana Rydberg - **cushion draba**

Draba incana L. - **twisted draba**
reported for Minnesota by FNA but no specimens at MIN; known from Manitoba and Ontario on rock outcrops and gravelly lakeshores

Draba nemorosa L. - **woodland draba**
vars. not recognized

Draba norvegica Gunnerus - **Norwegian draba**
disjunct from the high-arctic of Canada; known only from Cook Co. (last collected 1998); vars. not recognized; endangered

Draba reptans (Lamarck) Fernald - **Carolina draba**
vars. not recognized

Draba verna L. - **spring draba**
native to Eurasia; known only from St. Louis Co. (Duluth area; one campground population, collected 2001), doubtfully persisting

Eruca vesicaria subsp. ***sativa*** (Mill.) Thell. - **rocketsalad**

Erucastrum gallicum (Willdenow) O.E. Schultz - **common dogmustard**
native to Europe

Erysimum asperum (Nuttall) de Candolle - **western wallflower**

Erysimum cheiranthoides L. - **wormseed wallflower**
native to Europe

Erysimum inconspicuum (S. Watson) MacMillan - **shy wallflower**

Hesperis matronalis L. - **dames rocket**
native to Eurasia

Iberis umbellata L. - **globe candytuft**
native to Europe; reported for Minnesota (occasional garden escape near Ely) by Lakela 1965 but no specimens at MIN; doubtfully persisting

Iodanthus pinnatifidus (Michaux) Steudel - **purple rocket**
northwest limit of distribution; endangered

Lepidium campestre (L.) W.T. Aiton - **field pepperweed**
native to Eurasia; seeds somewhat toxic to livestock

Lepidium densiflorum Schrader - **common pepperweed**
seeds somewhat toxic to livestock

Lepidium draba L. - **whitetop**
native to Mediterranean region

Lepidium perfoliatum L. - **clasping pepperweed**
native to Eurasia; known only from Clay Co. (one railroad population, collected 1958), doubtfully persisting; seeds somewhat toxic to livestock

Lepidium ramosissimum A. Nelson - **manybranched pepperweed**
reported for Minnesota by FNA but no specimens at MIN

Lepidium sativum L. - **gardencress pepperweed**
native to Eurasia; seeds somewhat toxic to livestock

Lepidium virginicum subsp. ***virginicum*** - **Virginia pepperweed**
seeds somewhat toxic to livestock

Lobularia maritima (L.) Desvoux - **sweet alyssum**
native to Mediterranean region

Lunaria annua L. - **annual honesty**
native to southeastern Europe; known only from Hennepin Co. (one population, collected 1941), doubtfully persisting

Nasturtium microphyllum Boenninghausen ex Reichenbach - **onerow yellowcress**
native to Europe

Nasturtium officinale W.T. Aiton - **watercress**
native to Eurasia

Neslia paniculata (L.) Desvoux - **ballmustard**
native to western Asia

Physaria ludoviciana (Nuttall) O'Kane & Al-Shehbaz - **foothill bladderpod**
disjunct from Great Plains westward; endangered

Raphanus raphanistrum subsp. ***raphanistrum*** - **wild radish**
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1888, Anoka Co.

Raphanus sativus L. - **cultivated radish**
native to Eurasia; doubtfully persisting

Rorippa aquatica (Eaton) E.J. Palmer & Steyermark - **lakecress**
known only from Wilkin Co. (one population, collected 1981)

Rorippa austriaca (Crantz) Besser - **Austrian yellowcress**
native to Europe; known only from Pipestone Co. (one riverside population, collected 1964)

Rorippa curvipes Greene - **bluntleaf yellowcress**

Rorippa nasturtium-aquaticum (L.) Hayek - **watercress**
misapplied; see *Nasturtium officinale*

Rorippa palustris subsp. ***hispida*** (Desvoux) Jonsell - **hispid yellowcress**

Rorippa palustris subsp. ***palustris*** - **bog yellowcress**

Rorippa sessiliflora (Nuttall) Hitchcock - **stalkless yellowcress**
known only from historical collections to 1891; special concern

Rorippa sinuata (Nuttall) Hitchcock - **spreading yellowcress**

Rorippa sphaerocarpa (A.Gray) Britton - **roundfruit yellowcress**

no specimens deposited at MIN; perhaps a significant range extension from the southwest and western US; DNR watch list

Rorippa sylvestris (L.) Besser - **creeping yellowcress**

native to Eurasia; DNR watch list

Sinapis alba L. - **white mustard**

native to Europe; known only from Ramsey Co. (one agricultural population, collected 1981), doubtfully persisting

Sinapis arvensis L. - **charlock mustard**

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

Sisymbrium altissimum L. - **tall tumbledustard**

native to Eurasia

Sisymbrium loeselii L. - **small tumbleweed mustard**

native to eastern Mediterranean region

Sisymbrium officinale (L.) Scopoli - **hedgemustard**

native to Mediterranean region

Subularia aquatica subsp. americana (G.A. Mulligan & Calder) B. Boivin - **American waterawlwort**

Thlaspi arvense L. - **field pennycress**

native to Eurasia; state DOA restricted weed, 1st collected 1883, Goodhue Co.; seeds somewhat toxic to livestock

Turritis glabra L. - **tower rockcress**

BUTOMACEAE

Butomus umbellatus L. - **flowering rush**

native to Eurasia; on MN-DNR Prohibited Invasive Species list; 1st collected 1972, Rice Co.

BUXACEAE

Pachysandra terminalis Siebold & Zuccarini - **Japanese pachysandra**

native to China and Japan; occasionally escaping from cultivation but no specimens at MIN

CABOMBACEAE

Brasenia schreberi J.F. Gmelin - **watershield**

CACTACEAE

Coryphantha missouriensis (Sweet) Britton & Rose - **Missouri foxtail cactus**

erroneous report

Coryphantha vivipara (Nuttall) Britton & Rose - **spiny star**

eastern limit of distribution; endangered

Opuntia fragilis (Nuttall) Haworth - **brittle pricklypear**

Opuntia humifusa (Rafinesque) Rafinesque

Opuntia humifusa var. *humifusa* - **devil's-tongue**

Opuntia macrorhiza Engelm.

misapplied to our flora fide FNA, see *O. humifusa*; some taxonomists (B. Parfitt, pers. comm.) do not believe this is a separate species from *O. humifusa* but instead represents a color phase but this is unresolved; plants with flower color of *O. macrorhiza*; misapplied name

CAMPANULACEAE

Campanula aparinoides Pursh - **marsh bellflower**

Campanula cervicaria L. - **bristly bluebells**

native to Europe

Campanula glomerata L. - **Dane's blood**

native to Europe; known only from St. Louis Co. (one population in former agricultural test plots, collected 2004)

Campanula persicifolia L. - **peachleaf bellflower**

native to Asia; known only from St. Louis Co. (Duluth area; collected 2009)

Campanula rapunculoides L. - **rampion bellflower**

native to Eurasia; known to be an aggressive invader in other regions

Campanula rotundifolia L. - **bluebell bellflower**

Campanulastrum americanum (L.) Small - **American bellflower**

Triodanis leptocarpa (Nuttall) Nieuwland - **slimpod Venus' looking-glass**

Triodanis perfoliata (L.) Nieuwland - **clasping Venus' looking-glass**

CANNABACEAE

Cannabis sativa L. - **marijuana**

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

Celtis occidentalis L. - **common hackberry**

Humulus japonicus Siebold & Zuccarini - **Japanese hop**

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

Humulus lupulus var. *lupuloides* E. Small - **common hop**

Humulus lupulus var. *lupulus* - **common hop**

Humulus lupulus var. *pubescens* E. Small - **common hop**

report unverified

CAPRIFOLIACEAE

Lonicera caerulea var. *edulis* Turczaninow ex Herder - **mountain fly honeysuckle**

native to eastern Siberia; known only from St. Louis Co. (Duluth area; one population collected 2009)

Lonicera caerulea var. *villosa* (Michaux) Torrey & A. Gray

Lonicera canadensis W. Bartram ex Marshall - **American fly honeysuckle**

Lonicera dioica L. - **limber honeysuckle**

erroneously called Japanese honeysuckle by some

***Lonicera hirsuta* Eaton - hairy honeysuckle**

***Lonicera morrowii* A. Gray - Morrow's honeysuckle**
native to Japan

***Lonicera oblongifolia* (Goldie) Hooker - swamp fly honeysuckle**

***Lonicera reticulata* Raf. - grape honeysuckle**

***Lonicera sempervirens* L. - trumpet honeysuckle**

***Lonicera tatarica* L. - Tatarian honeysuckle**
native to Eurasia

***Lonicera villosa* var. *solonis* (Eaton) Fernald - mountain fly honeysuckle**

***Lonicera villosa* var. *tonsa* Fernald - mountain fly honeysuckle**

***Lonicera x bella* Zabel - fly honeysuckle**

(*L. morrowii* x *tatarica*); parents native to Eurasia

***Lonicera x salicifolia* Dieck ex Zabel - willow-leaf honeysuckle**

(*L. ruprechtiana* x *xylostoides*) native to Eurasia; known only from St. Louis Co. (Duluth area; one population collected 2010); only specimen at DUL

***Lonicera xylostium* L. - dwarf fly-honeysuckle**

native to Europe

***Symphoricarpos albus* (L.) S.F. Blake - common snowberry**

***Symphoricarpos occidentalis* Hooker - western snowberry**

***Symphoricarpos orbiculatus* Moench - coralberry**

***Triosteum aurantiacum* var. *aurantiacum* - orangefruit horse-gentian**

***Triosteum perfoliatum* L. - feverwort**

CARYOPHYLLACEAE

***Agrostemma githago* var. *githago* - common corncockle**

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

***Arenaria serpyllifolia* var. *serpyllifolia* - thymeleaf sandwort**

native to Eurasia and Africa

Cerastium arvense* subsp. *arvense

native to western Europe; known only from St. Louis Co. (Duluth area; last collected 2009)

***Cerastium arvense* subsp. *strictum* Gaudin - field chickweed**

***Cerastium brachypodum* (Engelmann ex A. Gray) B.L. Robinson - shortstalk chickweed**

***Cerastium fontanum* Baumgarten**

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

***Cerastium nutans* var. *nutans* - nodding chickweed**

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

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

***Cerastium vulgatum* L.**

rejected name; see *Cerastium fontanum*

***Dianthus armeria* subsp. *armeria* - Deptford pink**

native to Eurasia

***Dianthus barbatus* subsp. *barbatus* - sweet william**

native to Eurasia; doubtfully persisting

***Dianthus deltoides* subsp. *deltoides* - maiden pink**

native to Europe; doubtfully persisting

***Gypsophila elegans* M. Bieberstein - showy baby's-breath**

native to Eurasia; doubtfully persisting

***Gypsophila muralis* L. - low baby's-breath**

native to Eurasia; doubtfully persisting

***Gypsophila paniculata* L. - baby's-breath**

native to Eurasia

***Minuartia dawsonensis* (Britton) House - rock stitchwort**

***Minuartia michauxii* (Fenzl) Farw. - Michaux's stitchwort**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from WI, IA, SD; to be expected along the southern border on calcareous gravel and ledges; erroneous record

***Minuartia patula* (Michx.) Mattfeld - pitcher's stitchwort**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from WI, IL

***Moehringia lateriflora* (L.) Fenzl - bluntleaf sandwort**

***Moehringia macrophylla* (Hooker) Fenzl - largeleaf sandwort**

***Myosoton aquaticum* (L.) Moench - giant chickweed**

native to Eurasia

***Paronychia canadensis* (L.) Alph. Wood - smooth forked nailwort**

northwest limit of distribution; endangered

***Paronychia fastigiata* var. *fastigiata* - hairy forked nailwort**

northwest limit of distribution; known only from Washington Co. (last collected 1981); endangered

***Petrohragia saxifraga* var. *saxifraga* - saxifrage pink**

native to Eurasia; known only from St. Louis Co. (historical collections to 1940)

***Sagina nodosa* subsp. *borealis* G.E. Crow - knotty pearlwort**

disjunct from arctic Canada; endangered

***Sagina procumbens* L. - birdeye pearlwort**

native to Europe; known only from St. Louis Co. (Duluth area; last collected 2003)

***Saponaria officinalis* L. - bouncingbet**

native to Eurasia; plants used as a liquid soap but toxic as contain saponin

***Scleranthus annuus* subsp. *annuus* - German knotgrass**

native to Eurasia

Silene antirrhina L. - **sleepy silene**

Silene armeria L. - **sweet william silene**
native to Europe

Silene chalcidonica (L.) E.H.L. Krause - **Maltese cross**
native to Asia; although perennial doubtfully persisting more than a few years

Silene csereii Baumgarten - **Balkan catchfly**
native to southeastern Europe

Silene dichotoma subsp. dichotoma Ehrhart - **forked catchfly**

Silene dioica (L.) Clairville - **red catchfly**
native to Europe

Silene drummondii subsp. drummondii - **Drummond's campion**
eastern limit of distribution; special concern

Silene flos-cuculi subsp. flos-cuculi - **ragged robin**
native to Europe; known only from Aitkin Co. (one old-field population, collected 2005)

Silene latifolia Poirlet - **bladder campion**
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1878, Martin Co.; subsp. not recognized for North America material

Silene nivea (Nuttall) Muhlenberg ex Otth - **evening campion**
northwest limit of distribution; threatened

Silene noctiflora L. - **nightflowering silene**
native to Europe; state DOA noxious weed, 1st collected 1878, Hennepin Co.

Silene stellata (L.) W.T. Aiton - **widowstrill**
vars. not recognized

Silene vulgaris subsp. vulgaris - **maidens tears**

Spergula arvensis L. - **corn spurry**
native to Eurasia

Spergularia rubra (L.) J. Presl & C. Presl - **red sandspurry**
native to Eurasia

Spergularia salina J. Presl & C. Presl - **salt sandspurry**
to be expected as a widespread weed (known from nearly all states and provinces); native to Eurasia

Stellaria alsine Grimm - **bog stitchwort**
native to eastern Canada, US

Stellaria borealis subsp. borealis - **boreal starwort**
frequently hybridizes with *S. longifolia*, though no hybrids reported for Minnesota

Stellaria crassifolia Ehrhart - **fleshy starwort**

Stellaria graminea L. - **grass-like starwort**
native to Europe

Stellaria longifolia Muhlenberg ex Willdenow - **longleaf starwort**
frequently hybridizes with *S. borealis*, though no hybrids reported for Minnesota

Stellaria longipes subsp. longipes - **longstalk starwort**

Stellaria media (L.) Villars - **common chickweed**
native to Europe

Stellaria pubera Michx. - **star chickweed**
erroneous report

Vaccaria hispanica (Miller) Rauschert - **cow soapwort**
native to Eurasia

CELASTRACEAE

Celastrus orbiculatus Thunberg - **Oriental bittersweet**
native to Asia; known only from Hennepin Co. (one city-park population, collected 2002)

Celastrus scandens L. - **American bittersweet**
fruit toxic, possibly other parts

Euonymus alatus (Thunberg) Siebold - **burningbush**
native to eastern Asia; known only from St. Louis Co. (collected 2007)

Euonymus atropurpureus Jacquin - **eastern wahoo**
bark, fruits, seeds poisonous

Parnassia glauca Raf. - **fen grass of Parnassus**

Parnassia palustris L. - **marsh grass of Parnassus**

Parnassia parviflora DC. - **smallflower grass of Parnassus**

CERATOPHYLLACEAE

Ceratophyllum demersum L. - **coon's tail**

Ceratophyllum echinatum A. Gray - **spineless hornwort**

CISTACEAE

Crocianthemum bicknellii (Fernald) Janchen - **hoary frostweed**

Crocianthemum canadense (L.) Britton - **longbranch frostweed**

Hudsonia tomentosa Nuttall - **woolly beachheather**

Lechea intermedia var. *intermedia* Legg. ex Britton - **largepod pinweed**

Lechea stricta Leggett ex Britton - **prairie pinweed**

Lechea tenuifolia Michaux - **narrow leaf pinweed**

CLEOMACEAE

Peritoma serrulata (Pursh) de Candolle - **Rocky Mountain beeplant**

Polanisia dodecandra var. *dodecandra* - **redwhisker clammyweed**

Polanisia dodecandra var. *trachysperma* (Torrey & A. Gray) H.H. Iltis - **sandyseed clammyweed**

Polanisia jamesii (Torrey & A. Gray) H.H. Iltis - **James' clammyweed**
northern limit of distribution; endangered

COLCHICACEAE

Clintonia borealis (Aiton) Rafinesque - **bluebead**
Uvularia grandiflora Smith - **largeflower bellwort**
Uvularia sessilifolia L. - **sessileleaf bellwort**

COMANDRACEAE

Comandra umbellata subsp. *pallida* (A. DC.) Piehl - **bastard toadflax**
erroneous report
Comandra umbellata subsp. *umbellata*
Geocaulon lividum (Richardson) Fernald - **false toadflax**

COMMELINACEAE

Commelina communis L. - **Asiatic dayflower**
native to Asia
Commelina erecta L. - **whitemouth dayflower**
known only from Wabasha Co. (last collected 1996); endangered
Tradescantia bracteata Small - **longbract spiderwort**
Tradescantia occidentalis var. *occidentalis* - **prairie spiderwort**
Tradescantia ohioensis Rafinesque - **bluejacket**
Tradescantia virginiana L. - **Virginia spiderwort**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from one disjunct population in WI, otherwise from southeastern IA, IL south- and eastward;
erroneous record

CONVOLVULACEAE

Calystegia macounii (Greene) Brummitt - **Macoun's false bindweed**
Calystegia sepium (L.) R. Brown - **hedge false bindweed**
Calystegia sepium subsp. *americana* (Sims) Brummitt - **hedge false bindweed**
Calystegia sepium subsp. *angulata* Brummitt - **hedge false bindweed**
Calystegia sepium subsp. *appalachiana* Brummitt - **Appalachia false bindweed**
report unverified
Calystegia spithamea (L.) Pursh
Calystegia spithamea subsp. *stans* (Michx.) Brunnitt - **low false bindweed**
Convolvulus arvensis L. - **field bindweed**
native to Europe; state DOA noxious weed, 1st collected 1902, Jackson Co.
Cuscuta cephalanthi Englemann - **buttonbush dodder**
Cuscuta coryli Engelm. - **hazel dodder**
Cuscuta cuspidata Engelm. - **cuspid dodder**
Cuscuta glomerata Choisy - **rope dodder**
Cuscuta gronovii Willdenow ex Roemer & Schultes - **scaldweed**
Cuscuta gronovii var. *gronovii*
Cuscuta indecora var. *indecora* - **bigseed alfalfa dodder**
Cuscuta megalocarpa Rydberg - **bigfruit dodder**
known only from St. Louis Co. (one lake-side population, collected 1951); rare historic record
Cuscuta obtusiflora var. *glandulosa* Engelm. - **Peruvian dodder**
mostly found in the southern US & southward; known only from Winona Co. (historical collection from 1897); rare historic record
Cuscuta pentagona Engelm. - **five angle dodder**
Cuscuta pentagona var. *pentagona* - **fiveangled dodder**
Cuscuta polygonorum Engelm. - **smartweed dodder**
Ipomoea cristulata Hallier f. - **Trans-Pecos morning-glory**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from IA
Ipomoea hederacea Jacquin - **ivyleaf morning-glory**
native to warm temperate Americas; known only from Winona Co. (historical collections from 1886)
Ipomoea purpurea (L.) Roth - **tall morning-glory**
native to tropical Americas; occasionally escaping from cultivation but unlikely to be persisting

CORNACEAE

Cornus alternifolia L. f. - **alternatelyleaf dogwood**
Cornus amomum Miller - **silky dogwood**
Cornus canadensis L. - **bunchberry dogwood**
Cornus foemina Mill. - **gray dogwood**
see *C. racemosa*; misapplied name
Cornus obliqua Raf. - **silky dogwood**
Cornus racemosa Lamarck - **gray dogwood**
Cornus rugosa Lamarck - **roundleaf dogwood**
Cornus sericea subsp. *sericea* - **red osier dogwood**

CRASSULACEAE

Crassula aquatica (L.) Schönland - **water pygmyweed**
Hylotelephium telephioides (Michaux) H. Ohba - **Alleghany stonecrop**
native to eastern US; known only from Lake Co. (one Lake Superior island population, collected 1999)
Hylotelephium telephium (L.) H. Ohba - **witch's moneybags**

native to Europe

***Phedimus aizoon* (L.) 't Hart - fei cai**

native to Asia; rarely escapes from cultivation in the Lake Superior area

Phedimus spurius* (M. Bieberstein) 't Hart - **Caucasian stonecrop*

native to the Caucasus Mountains; known only from St. Louis Co. (Duluth area; last collected 2009)

Rhodiola integrifolia* subsp. *leedyi* (Rosendahl & J.W. Moore) H. Ohba - **Leedy's stonecrop*

federal Threatened list / disjunct from western North America; endangered

Sedum acre* L. - **goldmoss stonecrop*

native to Greenland, Eurasia, and north Africa

Sedum rupestre* L. - **Jenny's stonecrop*

native to Europe; known only from St. Louis Co. (Duluth area; one population collected 2001)

CUCURBITACEAE

***Citrullus lanatus* subsp. *lanatus* - watermelon**

***Echinocystis lobata* (Michaux) Torrey & A. Gray - wild cucumber**

***Sicyos angulatus* L. - bur cucumber**

***Thladiantha dubia* Bunge**

native to Asia; reported for Minnesota by USDA-NRCS but based on cultivated specimens

CUPRESSACEAE

***Juniperus communis* var. *depressa* Pursh - common juniper**

***Juniperus horizontalis* Moench - creeping juniper**

***Juniperus virginiana* var. *virginiana* - eastern red-cedar**

***Thuja occidentalis* subsp. *occidentalis* - arborvitae**

CYPERACEAE

***Bolboschoenus fluviatilis* (Torrey) Soj - river bulrush**

***Bolboschoenus maritimus* subsp. *paludosus* (A. Nelson) T. Koyama - cosmopolitan bulrush**

***Bulbostylis capillaris* (L.) C.B. Clarke - densetuft hairsedge**

vars. not recognized

***Carex adusta* Boott - lesser brown sedge**

***Carex aggregata* Mack. - glomerate sedge**

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

***Carex albicans* Willdenow ex Sprengel - whitening 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. Sheldon - white bear sedge**

***Carex alopecoidea* Tuckerman - foxtail sedge**

***Carex annectens* (E.P. Bicknell) E.P. Bicknell - yellow fruit sedge**

vars. not recognized; special concern

***Carex aquatilis* var. *altior* (Rydb.) Fernald**

misapplied; see *C. aquatilis* var. *substricta*

***Carex aquatilis* var. *aquatilis* - water sedge**

known only from the North Shore (fide G. Wheeler)

***Carex aquatilis* var. *substricta* Kükenthal**

***Carex arcta* Boott - northern cluster sedge**

***Carex arctata* Boott - drooping woodland sedge**

***Carex assiniboinensis* W. Boott - Assiniboia sedge**

***Carex atherodes* Sprengel - wheat sedge**

***Carex aurea* Nuttall - golden 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) Olney ex Fernald - Bebb's sedge**

***Carex bicknellii* Britton - Bicknell's sedge**

***Carex blanda* Dewey - eastern woodland sedge**

***Carex brevior* (Dewey) Mackenzie ex Lunell - shortbeak sedge**

Gleason & Cronquist (1991) included *C. merritt-fernaldii* and *C. molesta* in this taxon

***Carex bromoides* subsp. *bromoides* - brome-like sedge**

Carex brunnescens* subsp. *brunnescens

***Carex brunnescens* subsp. *sphaerostachya* (Tuckerman) Kalela**

***Carex bushii* Mackenzie - Bush's sedge**

known only from Ramsey Co. (one population from a "storm water wetland", collected 1995)

***Carex buxbaumii* Wahlenberg - Buxbaum's sedge**

***Carex canescens* subsp. *canescens* - silvery sedge**

***Carex canescens* subsp. *disjuncta* (Fernald) Toivonen - silvery sedge**

***Carex canescens* var. *subloliacea* Laestad. - Lapland sedge**

misapplied to our flora, see subsp. *canescens*

***Carex capillaris* L. - hair-like sedge**

vars. not recognized; DNR watch list

***Carex careyana* Torrey ex Dewey - Carey's sedge**

northwest limit of distribution; endangered

***Carex castanea* Wahlenberg - chestnut sedge**

***Carex cephaloidea* (Dewey) Dewey - thinleaf sedge**

***Carex cephalophora* Muhlenberg ex Willdenow - oval-leaf sedge**

Carex chordorrhiza Ehrhart ex L. f. - **creeping sedge**

Carex communis* var. *communis - **fibrousroot sedge**

Carex comosa Boott - **long-hair sedge**

Carex conjuncta Boott - **soft fox sedge**
disjunct from southern IA and IL; known only from Rice Co. (last collected 1980) and restored wetland in Ramsey Co. (collected 1998); threatened

Carex conoidea Willdenow - **open field sedge**
this includes *C. katahdinensis*, which was on the state Threatened list

Carex crawei Dewey - **Crawe's sedge**

Carex crawfordii Fernald - **Crawford's sedge**

Carex crinita* var. *crinita - **fringed sedge**

Carex cristatella Britton - **crested sedge**

Carex crus-corvi Shuttleworth - **ravenfoot sedge**
known only from Goodhue Co. (historical collection from 1885); Gleason & Cronquist (1991) included *C. flava* var. *fertilis* in this taxon; rare historic record

Carex cryptolepis Mackenzie - **northeastern sedge**

Carex davisii Schweinitz & Torrey - **Davis' sedge**
northwest limit of distribution; threatened

Carex debilis* var. *rudgei L.H. Bailey - **white edge sedge**

Carex deflexa* var. *deflexa - **northern sedge**

Carex deweyana* var. *deweyana - **Dewey sedge**

Carex diandra Schrank - **lesser panicled sedge**

Carex disperma Dewey - **softleaf sedge**

Carex divulsa Stokes - **grassland sedge**
erroneous report

Carex duriuscula C.A. Meyer - **needleleaf sedge**

Carex eburnea Boott - **bristleleaf sedge**

Carex echinata Murray

Carex echinata* subsp. *echinata - **star sedge**

Carex echinodes (Fernald) Rothrock, Reznicek & Hipp - **quill sedge**
recently (2009, Systematic Botany 34(2)) elevated from a variety of *C. tenera* to the species level

Carex emoryi Dewey - **Emory's sedge**

Carex exilis Dewey - **coastal sedge**

Carex festucacea Schkuhr ex Willdenow - **fescue sedge**
northwest limit of distribution; known only from Jackson Co. (one population, collected 1982); threatened

Carex filifolia* var. *filifolia - **threadleaf sedge**

Carex flava L. - **yellow sedge**

Carex foenea Willdenow - **dryspike sedge**
(of Gleason & Cronquist)

Carex formosa Dewey - **handsome sedge**

Carex garberi Fernald - **elk sedge**

Carex gracilescens Steudel
misapplied to our flora, see *C. ormostachya*; misapplied name

Carex gracillima Schweinitz - **graceful sedge**

Carex granularis Muhlenberg ex Willdenow - **limestone meadow sedge**
vars. not recognized

Carex gravida L.H. Bailey - **heavy sedge**

Carex grayi J. Carey - **Gray's sedge**

Carex grisea Wahlenberg - **inflated narrow-leaf sedge**

Carex gynandra Schweinitz - **nodding sedge**

Carex gynocrates Wormskjild ex Drejer - **northern bog sedge**

Carex hallii Olney - **deer sedge**

Carex haydenii Dewey - **Hayden's sedge**

Carex hirtifolia Mackenzie - **pubescent sedge**

Carex hitchcockiana Dewey - **Hitchcock's sedge**

Carex hookeriana Dewey - **Hooker's sedge**
native from SD to MT and northward; known only from Becker Co. (one farm-road population, collected 2005, probably introduced); special concern

Carex hystericina Muhlenberg ex Willdenow - **bottlebrush sedge**

Carex inops* subsp. *heliophila (Mackenzie) Crins - **long-stolon sedge**

Carex interior L.H. Bailey - **inland sedge**

Carex intumescens Rudge - **greater bladder sedge**

Carex jamesii Schweinitz - **James' sedge**
northwest limit of distribution; threatened

Carex lacustris Willdenow - **hairy sedge**

Carex laeviconica Dewey - **smoothcone sedge**

Carex laevivaginata (K) - **smoothsheath sedge**
northwest limit of distribution; threatened

Carex lanuginosa
misapplied to our flora, see *C. pellita*; misapplied name

Carex lapponica O. Lang - **Lapland sedge**
erroneous report

Carex lasiocarpa* subsp. *americana (Fernald) Hultén - **American woollyfruit sedge**

Carex laxiculmis* var. *copulata (L.H. Bailey) Fernald

Carex laxiculmis* var. *laxiculmis - **spreading sedge**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from IA and WI

Carex lenticularis Michaux

Carex lenticularis* var. *lenticularis - lakeshore sedge

Carex leptalea Wahlenberg - bristlystalked sedge

Carex leptonevia (Fernald) Fernald - nerveless woodland sedge

Carex limosa L. - mud sedge

Carex livida (Wahlenberg) Willdenow - livid sedge

Carex lucorum* var. *lucorum - Blue Ridge sedge
reported for Minnesota by FNA but no specimens at MIN; known from WI and MI; DNR watch list

Carex lupulina Willdenow - hop sedge

Carex lurida Wahlenberg - shallow sedge
known only from Mille Lacs Co.; only known specimen deposited at NY; DNR watch list

Carex magellanica Lamarck

Carex magellanica* subsp. *irrigua (Wahlenberg) Hiitonen - boreal bog sedge

Carex meadii Dewey - Mead's sedge

Carex media R. Brown ex Richardson - closed-head sedge

Carex merritt-fernaldii Mackenzie - Fernald's sedge

Carex michauxiana Boeckeler - Michaux' sedge

Carex molesta Mackenzie ex Bright - troublesome sedge

Carex muehlenbergii* var. *enervis Boott - Muehlenberg's sedge
report unverified

Carex muehlenbergii* var. *muehlenbergii - Muehlenberg's sedge

Carex muricata L.
misapplied to our flora, see *C. echinata*; misapplied name

Carex muskingumensis Schweinitz - Muskingum sedge

Carex normalis Mackenzie - greater straw sedge

Carex norvegica Retz. - closed-head sedge
misapplied to our flora, see *C. media*

Carex novae-angliae Schweinitz - New England sedge
range extension from WI; known only from Lake Co. (last collected 2006); threatened

Carex obtusata Lijebblad - obtuse sedge

Carex oligocarpa Willdenow - rich woods sedge

Carex oligosperma Michaux - fewseed sedge

Carex ormostachya Wiegand - necklace spike sedge

Carex pallescens L. - pale sedge
western limit of distribution; endangered

Carex parryana Dewey
misapplied to our flora, see *C. hallii*; misapplied name

Carex pauciflora Lightfoot - fewflower sedge

Carex peckii Howe - Peck's sedge

Carex pedunculata Muhlenberg ex Willdenow - longstalk sedge

Carex pellita Willdenow - woolly sedge
Gleason & Cronquist (1991) included *C. lanuginosa* in this taxon

Carex pennsylvanica Lamarck - Pennsylvania sedge

Carex pinguis L.H. Bailey

Carex plantaginea Lamarck - plantainleaf sedge
western limit of distribution; endangered

Carex praegracilis W. Boott - clustered field sedge

Carex prairea Dewey - prairie sedge

Carex prasina Wahlenberg - drooping sedge
to be expected on forested seeps in the St. Croix Valley; known from the WI side in Burnett Co.

Carex praticola Rydberg - meadow sedge

Carex projecta Mackenzie - necklace sedge

Carex pseudocyperus L. - cypress-like sedge

Carex radiata (Wahlenberg) Small - eastern star sedge

Carex retrorsa Schweinitz - knotsheath sedge

Carex richardsonii R. Brown - Richardson's sedge

Carex rosea Schkuhr ex Willdenow - rosy sedge

Carex rossii Boott - Ross's sedge

Carex rostrata Stokes - beaked sedge
most of our specimens identified as *C. rostrata* in the past are actually *C. utriculata* fide G. Wheeler; in Minnesota this species appears restricted to the North Shore and vicinity

Carex sartwellii Dewey - Sartwell's sedge

Carex saximontana Mackenzie - Rocky Mountain sedge

Carex scabrata Schweinitz - eastern rough sedge
to be expected on forested seeps in the St. Croix Valley; known from the WI side in Burnett Co.

Carex scirpoidea* subsp. *scirpoidea - northern singlespike sedge

Carex scoparia* var. *scoparia - broom sedge

Carex siccata Dewey - dryspike sedge

Carex sparganioides Muhlenberg ex Willdenow - bur-reed sedge

Carex sprengei Dewey ex Sprengel - Sprengel's sedge

Carex squarrosa L. - squarrose sedge

Carex stenophylla Wahlenb. - needleleaf sedge
misapplied to our flora, see *C. duriuscula*; misapplied name

Carex sterilis Willdenow - dioecious sedge

Carex stipata* var. *stipata - awlfruit sedge

Carex stricta Lamarck - **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 subsp. *spaniocarpa* (Steudel) Hultén - **weak arctic sedge**
southern limit of distribution; known only from Cook Co. (one cliffside population, collected 1936); endangered

Carex sychnocephala J. Carey - **manyhead sedge**

Carex tenera var. *tenera* - **quill sedge**

Carex tenuiflora Wahlenberg - **sparseflower sedge**

Carex tetanica Schkuhr - **rigid sedge**

Carex tinctoria (Fernald) Fernald - **tinged sedge**
erroneous report

Carex tonsa var. *rugosperma* (Mackenzie) Crins

Carex tonsa var. *tonsa*
range extension from WI; known only from Lake Co. (collected 2003)

Carex torreyi Tuckerman - **Torrey's sedge**

Carex torta Boott in E. Tuckerman - **twisted sedge**
erroneous report

Carex tribuloides var. *tribuloides* - **blunt broom sedge**

Carex trichocarpa Willdenow - **hairyfruit sedge**

Carex trisperma Dewey - **threeseeded sedge**

Carex tuckermanii Dewey - **Tuckerman's sedge**

Carex typhina Michaux - **cattail sedge**

Carex umbellata Schkuhr ex Willdenow - **parasol sedge**
Gleason & Cronquist (1991) included *C. tonsa* in this taxon

Carex utriculata Boott in W.J. Hooker - **Northwest Territories sedge**

Carex vaginata Tausch - **sheathed sedge**

Carex vesicaria L. - **blister sedge**

Carex viridula subsp. *viridula* - **little green sedge**

Carex vulpinoidea Michaux - **fox sedge**

Carex woodii Dewey - **pretty sedge**

Carex x knieskernii Dewey - **sedge**
(*C. arctata* x *castanea*) reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, MI

Carex xerantica L.H. Bailey - **whitescale sedge**

Cladium mariscoides (Muhlenberg) Torrey - **smooth sawgrass**

Cyperus acuminatus Torrey & Hooker - **tapertip flatsedge**

Cyperus bipartitus Torrey - **slender flatsedge**

Cyperus diandrus Torrey - **umbrella flatsedge**

Cyperus erythrorhizos Muhlenberg - **redroot flatsedge**

Cyperus esculentus var. *leptostachyus* Boeckeler - **yellow nutsedge**
native to tropical & subtropical regions but persisting; state DOA noxious (CN) weed, 1st collected 1887, Winona Co.

Cyperus filiculmis Vahl - **fern flatsedge**
native to eastern coastal states; known only from Goodhue Co. (one railroad population, collected 2010)

Cyperus fuscus L. - **brown flatsedge**
native to temperate Eurasia; known only from Itasca Co. (one park population, collected 2007)

Cyperus houghtonii Torrey - **Houghton's flatsedge**

Cyperus lupulinus subsp. *lupulinus* - **Great Plains flatsedge**

Cyperus lupulinus subsp. *macilentus* (Fernald) Marcks - **Great Plains flatsedge**

Cyperus odoratus L. - **fragrant nutsedge**

Cyperus rotundus L. - **nutgrass**
native to subtropical regions; known only from Stearns Co. (historical collection from 1896)

Cyperus schweinitzii Torrey - **Schweinitz's flatsedge**

Cyperus squarrosus L. - **bearded flatsedge**

Cyperus strigosus L. - **strawcolored flatsedge**

Cyperus x mesochorus Geise - **Schweinitz's flatsedge**
(*C. lupulinus* x *schweinitzii*)

Dulichium arundinaceum var. *arundinaceum* - **threeway sedge**

Eleocharis acicularis (Leiberg, J.B.) - **needle spikerush**

Eleocharis coloradoensis (Britton) Gilly - **dwarf spikerush**
last collected 1939; special concern

Eleocharis compressa var. *acutisquamata* (Buckley) S.G. Smith - **sharpscale spikerush**

Eleocharis compressa var. *compressa* - **flatstem spikerush**

Eleocharis elliptica Kunth - **elliptic spikerush**

Eleocharis engelmannii Steudel - **Engelmann's spikerush**

Eleocharis erythropoda Steudel - **bald spikerush**

Eleocharis flavescens var. *olivacea* (Torrey) Gleason - **bright green spikerush**
northwest limit of distribution; threatened

Eleocharis intermedia Schultes - **matted spikerush**

Eleocharis macrostachya Britton - **large spike spikerush**

Eleocharis mamillata subsp. *mamillata* - **soft-stem 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 - **quill spikerush**

Eleocharis obtusa (Willdenow) Schultes - **blunt spikerush**

Eleocharis ovata (Roth) Roemer & Schultes - **ovate spikerush**
Gleason & Cronquist (1991) included *E. engelmannii* and *E. obtusa* in this taxon

- Eleocharis palustris* (L.) Roemer & Schultes - **common spikerush**
Gleason & Cronquist (1991) included *E. erythropoda*, *E. macrostachya*, and *E. mamillata* in this taxon
- Eleocharis parvula* (Roemer & Schultes) Link ex Bluff Nees, & Schauer
- Eleocharis quinqueflora* (Hartmann) O. Schwarz - **fewflower spikerush**
- Eleocharis robbinsii* Oakes - **Robbins' spikerush**
range extension from WI; threatened
- Eleocharis rostellata* (Torrey) Torrey - **beaked spikerush**
- Eleocharis tenuis* var. *verrucosa* (Svenson) Svenson - **slender spikerush**
erroneous report
- Eleocharis wolfii* (A. Gray) A. Gray ex Britton - **Wolf's spikerush**
- Eriophorum angustifolium* Honckeny
- Eriophorum angustifolium* subsp. *angustifolium* - **tall cottongrass**
- Eriophorum chamissonis* C.A. Meyer - **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* Fries subsp. *leiocarpum* Novoselova
- Eriophorum gracile* W.D.J. Koch ex Roth - **slender cottongrass**
- Eriophorum tenellum* Nuttall - **fewnerved cottongrass**
- Eriophorum vaginatum* L. - **tufted cottongrass**
vars. not recognized
- Eriophorum virginicum* L. - **tawny cottongrass**
- Eriophorum viridicarinatum* (Engelmann) Fernald - **thinleaf cottonsedge**
- Fimbristylis autumnalis* (L.) Roemer & Schultes - **slender fimbry**
- Fimbristylis puberula* var. *interior* (Britton) Kral - **hairy fimbry**
range extension from NE; endangered
- Lipocarpa aristulata* (Coville) G.C. Tucker - **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 - **smallflower halfchaff sedge**
- Rhynchospora alba* (L.) Vahl - **white beaksedge**
- Rhynchospora capillacea* Torrey - **needle beaksedge**
- Rhynchospora capitellata* (Michaux) Vahl - **brownish beaksedge**
reported for Minnesota by FNA but no specimens at MIN; known from WI (Burnett and Douglas counties); DNR watch list
- Rhynchospora fusca* (L.) W.T. Aiton - **brown beaksedge**
- Schoenoplectiella purshiana* var. *purshiana* (Fernald) Lye - **weakstem bulrush**
- Schoenoplectiella smithii* var. *setosa* (Fernald) Shiels & Monfils - **Smith's bulrush**
- Schoenoplectiella smithii* var. *smithii* (A. Gray) Shiels & Monfils - **Smith's bulrush**
- Schoenoplectus acutus* (Muhlenberg ex Bigelow) Å. Løve & D. Løve
- Schoenoplectus acutus* var. *acutus* - **hardstem bulrush**
- Schoenoplectus heterochaetus* (Chase) Soj
- Schoenoplectus pungens* (Vahl) Palla - **common threesquare**
- Schoenoplectus subterminalis* (Torrey) Soj - **swaying bulrush**
- Schoenoplectus tabernaemontani* (C.C. Gmelin) Palla - **softstem bulrush**
- Schoenoplectus torreyi* (Olney) Palla - **Torrey's bulrush**
- Schoenoplectus x kuekenthalianus* (Junge) D.H. Kent -
erroneous report; no USDA name
- Schoenoplectus x oblongus* (T. Koyama) Soj - **hybrid bulrush**
(*S. acutus* x *heterochaetus*)
- Scirpus americanus* Pers.
misapplied; see *Schoenoplectus pungens*
- Scirpus atrocinctus* - **blackgirdle bulrush**
hybridizes with *S. cyperinus* and *S. pedicellatus*
- Scirpus atrovirens* Willdenow - **green bulrush**
highly variable taxon often confused with closely related *S. georgianus*, *S. hattorianus*, and *S. palidus*; also hybridizes with *S. pallidus*
- Scirpus cyperinus* - **woolgrass**
Gleason & Cronquist (1991) included *S. atrocinctus* and *S. pedicellatus* in this taxon; also hybridizes with *S. pedicellatus*
- Scirpus georgianus* R.M. Harper - **Georgia bulrush**
known only from Chisago Co. (one road-ditch population collected 1973); DNR watch list
- Scirpus hattorianus* Makino - **mosquito bulrush**
- Scirpus microcarpus* J. Presl & C. Presl - **panicled bulrush**
- Scirpus pallidus* (Britton) Fernald - **cloaked bulrush**
- Scirpus pedicellatus* Fernald - **stalked bulrush**
- Scirpus pendulus* Muhlenberg - **rufous bulrush**
- Scleria triglomerata* Michaux - **whip nutrush**
northwest limit of distribution; endangered
- Scleria verticillata* Muhlenberg ex Willdenow - **low nutrush**
northwest limit of distribution; threatened
- Trichophorum alpinum* (L.) Persoon - **alpine bulrush**
- Trichophorum cespitosum* (L.) Schur - **tufted bulrush**
- Trichophorum clintonii* (A. Gray) S.G. Smith - **Clinton's bulrush**

DENNSTAEDTIACEAE

- Pteridium aquilinum* var. *latiusculum* (Desvaux) L. Underwood ex A. Heller - **western bracken fern**
state DOA noxious (CN) weed; moderately toxic to livestock

DIERVILLACEAE

Diervilla lonicera Miller - northern bush honeysuckle

DIOSCOREACEAE

Dioscorea villosa L. - wild yam

DIPSACACEAE

Cephalaria gigantea (Ledeb.) Bobr. - **Tatarian cephalaria**
native to Eurasia; known only from Hennepin Co. (Minneapolis city park; collected 1941)

Dipsacus fullonum L. - **fuller's teasel**
native to Eurasia; known only from Winona Co. (collected 2004)

Dipsacus laciniatus L. - **cutleaf teasel**
native to Europe

Knautia arvensis (L.) J.M. Coulter - **field scabiosa**
native to Europe

DROSERACEAE

Drosera anglica Hudson - **English sundew**

Drosera intermedia Hayne - **spoonleaf sundew**

Drosera linearis Goldie - **slenderleaf sundew**

Drosera rotundifolia L. - **roundleaf sundew**

Drosera x obovata Mert. & Koch - **obovate-leaved sundew**
(*D. anglica* x *rotundifolia*) disjunct from Pacific Northwest; known only from Beltrami Co. peatland (collected 1978)

DRYOPTERIDACEAE

Athyrium filix-femina var. *angustum* (Willdenow) G. Lawson - **subarctic lady fern**
note that the epithet is "filix-femina" not "felix-femina" as often misspelled

Cystopteris bulbifera (L.) Bernhardt - **bulblet bladder fern**

Cystopteris fragilis (L.) Bernhardt - **brittle bladder fern**

Cystopteris laurentiana (Weatherby) Blasdell - **St. Lawrence bladder fern**

Cystopteris protrusa (Weatherby) Blasdell - **lowland bladder fern**

Cystopteris tennesseensis Shaver - **Tennessee bladder fern**

Cystopteris tenuis (Michaux) Desvaux - **upland brittle bladder fern**

Cystopteris x illinoensis R.C. Moran - **Illinois bladder fern**

Deparia acrostichoides (Swartz) M. Kato - **silver false spleenwort**

Dryopteris campyloptera (Kunze) Clarkson - **mountain wood fern**
erroneous report

Dryopteris carthusiana (Villars) H.P. Fuchs - **spinulose wood fern**

Dryopteris carthusiana x cristata

Dryopteris cristata (L.) A. Gray - **crested wood fern**

Dryopteris expansa (C. Presl) Fraser-Jenkins & Jermy - **spreading wood fern**

Dryopteris filix-mas (L.) Schott - **male fern**
report unverified

Dryopteris fragrans (L.) Schott - **fragrant wood fern**

Dryopteris goldiana (Hooker ex Goldie) A. Gray - **Goldie's wood fern**

Dryopteris intermedia (Muhlenberg ex Willdenow) A. Gray - **intermediate wood fern**

Dryopteris marginalis (L.) A. Gray - **marginal wood fern**
northwest limit of distribution; endangered

Dryopteris x boottii (Tuckerman) L. Underwood
(*D. cristata* x *intermedia*) disposition uncertain (FNA does not recognize names for hybrids involving *D. cristata*); known only from Winona Co. (last collected 1980); uncertain status

Dryopteris x triploidea Wherry - **triploid shield fern**
(*D. carthusiana* x *intermedia*)

Dryopteris x uliginosa (A. Braun ex Dowell) Druce
(*D. carthusiana* x *cristata*) not *D. uliginosa* (Kunze) C. Christensen; an accepted name for the hybrid (fide ITIS & IPNI) but not included in FNA; uncertain status

Gymnocarpium dryopteris (L.) Newman - **western oak fern**

Gymnocarpium jessoense subsp. *parvulum* Sarvela - **Asian oak fern**

Gymnocarpium robertianum (Hoffmann) Newman - **scented oak fern**

Gymnocarpium x brittonianum (Sarvela) Pryer & Haufler - **Britton's oak fern**
(*G. disjunctum* x *dryopteris*)

Gymnocarpium x intermedium Sarvela - **intermediate oak fern**
(*G. jessoense* x *parvulum*)

Matteuccia struthiopteris var. *pennsylvanica* (Willdenow) C.V. Morton - **ostrich fern**

Onoclea sensibilis L. - **sensitive fern**

Polystichum acrostichoides (Michaux) Schott - **christmas fern**
northwest limit of distribution; endangered

Polystichum braunii (Spencer) Fe - **Braun's holly fern**

Polystichum lonchitis (L.) Roth - **northern holly fern**
reported for Minnesota (northeast corner) by FNA but no specimens at MIN; known from Ontario and WI

Woodsia alpina (Bolton) A. Gray - **alpine woodsia**

Woodsia glabella R. Brown ex Richardson - **smooth woodsia**

Woodsia ilvensis (L.) R. Brown - **rusty woodsia**

Woodsia obtusa subsp. *obtusa* - **bluntlobe cliff fern**

Woodsia oregana subsp. *cathcartiana* (B.L. Robinson) Windham - **Oregon cliff fern**

Woodsia scopulina subsp. *laurentiana* Windham - **Laurent's cliff fern**

known only from Cook Co.; threatened

***Woodsia x abbeae* Butters - Abbe's woodsia**

(*W. ilvensis* x *oregana cathcartiana*) sterile hybrid

***Woodsia x gracilis* (Lawson) Butters - slender woodsia**

(*W. alpina* x *ilvensis*) sterile hybrid

***Woodsia x maxonii* R.M. Tryon - Maxon's woodsia**

(*W. oregana* x *scopulina*) known only from Cook Co. (one population, collected 1947); rare historic record

ELAEAGNACEAE

***Elaeagnus angustifolia* L. - Russian-olive**

native to Eurasia

***Elaeagnus commutata* Bernhardt ex Rudberg - silverberry**

***Elaeagnus umbellata* Thunb. - autumn olive**

native to eastern Asia; reported for Minnesota (Brown Co.) by U.S. Forest Service but no specimens at MIN; known from IA and WI

***Shepherdia argentea* (Pursh) Nuttall - silver buffaloberry**

***Shepherdia canadensis* (L.) Nuttall - russet buffaloberry**

ELATINACEAE

***Elatine americana* (Pursh) Arnott - American waterwort**

***Elatine minima* (Nuttall) von Fischer & C.A. Meyer - small waterwort**

***Elatine rubella* Rydb. - southwestern waterwort**

***Elatine triandra* Schkuhr - threestem waterwort**

EQUISETACEAE

***Equisetum arvense* L. - field horsetail**

toxic to livestock, especially horses

***Equisetum fluviatile* L. - water horsetail**

***Equisetum hyemale subsp. affine* (Engelmann) Calder & Roy L. Taylor - scouringrush horsetail**

toxic to livestock, especially horses; considered a weed by some as can be aggressive

***Equisetum laevigatum* A. Braun - smooth horsetail**

***Equisetum palustre* L. - marsh horsetail**

toxic to livestock

***Equisetum pratense* Ehrhart - meadow horsetail**

***Equisetum scirpoides* Michaux - dwarf scouringrush**

***Equisetum sylvaticum* L. - woodland horsetail**

***Equisetum variegatum subsp. variegatum* - variegated scouringrush**

***Equisetum x ferrissii* Clute - Ferriss' scouring-rush**

(*E. hyemale* x *laevigatum*)

***Equisetum x litorale* K - shallow-water horsetail**

(*E. arvense* x *fluviatile*)

***Equisetum x mackaii* (Newman) Brichan - Mack's scouring-rush**

(*E. hyemale* x *variegatum*)

***Equisetum x nelsonii* (A.A. Eaton) J.H. Schaffner - Nelson's horsetail**

ERICACEAE

***Andromeda polifolia* L. - bog rosemary**

***Andromeda polifolia* var. *latifolia* Aiton - bog rosemary**

***Arctostaphylos uva-ursi* (L.) Sprengel - kinnikinnick (Chippewa)**

subsp. not recognized; leaves contain toxic compounds

***Chamaedaphne calyculata* (L.) Moench - leatherleaf**

Chimaphila umbellata subsp. umbellata

***Empetrum atropurpureum* Fernald & Wiegand - purple crowberry**

disjunct from eastern Canada; known only from Cook Co. (last collected 1980); endangered

***Empetrum nigrum* L. - black crowberry**

known only from Cook Co. (last collected in 1929); var./subsp. not recognized; endangered

***Epigaea repens* L. - trailing arbutus**

leaves contain toxic compounds

***Gaultheria hispidula* (L.) Muhlenberg ex Bigelow - creeping snowberry**

***Gaultheria procumbens* L. - eastern teaberry**

leaves contain toxic compounds

***Gaylussacia baccata* (Wangenheim) K. Koch - black huckleberry**

***Kalmia polifolia* Wangenheim - bog laurel**

***Moneses uniflora* (L.) A. Gray - single delight**

***Monotropa hypopitys* L. - pinesap**

(note change in spelling)

***Monotropa uniflora* L. - Indianpipe**

***Orthilia secunda* (L.) House - sidebells wintergreen**

***Pyrola americana* Sweet - American wintergreen**

leaves contain toxic compounds

***Pyrola asarifolia subsp. asarifolia* - liverleaf wintergreen**

***Pyrola chlorantha* Swartz - greenflowered wintergreen**

***Pyrola elliptica* Nuttall - waxflower shinleaf**

***Pyrola minor* L. - snowline wintergreen**

***Rhododendron groenlandicum* (Oeder) Kron & Judd - bog Labrador tea**

Vaccinium angustifolium Aiton - **lowbush blueberry**
Vaccinium caespitosum Michaux - **dwarf bilberry**
 (note change in spelling)
Vaccinium macrocarpon Aiton - **cranberry**
Vaccinium membranaceum Douglas ex Torrey - **thinleaf blueberry**
 erroneous report
Vaccinium myrtilloides Michaux - **velvetleaf blueberry**
Vaccinium oxycoccos L. - **small cranberry**
Vaccinium pallidum Aiton - **Blue Ridge blueberry**
 reported for Minnesota by USDA-NRCS but no specimens at MIN; known from WI, IL south-and eastward
Vaccinium uliginosum L. - **bog blueberry**
 known only from Cook Co. (last collected 2002); vars. not recognized; endangered
Vaccinium vitis-idaea L. - **lingonberry**

ERIOCAULACEAE

Eriocaulon aquaticum (Hill) Druce - **sevenangle pipewort**

EUPHORBIACEAE

Acalypha rhomboidea Rafinesque - **common threeseed mercury**
Croton glandulosus var. *septentrionalis* Müll. Arg. - **vente-conmigo**
Euphorbia agraria M. Bieb. - **urban spurge**
 erroneous report
Euphorbia brachycera Engelm. - **horned spurge**
 native to western Great Plains and mountain states; reported for Minnesota by USDA-NRCS but no specimens at MIN; erroneous record
Euphorbia commutata Engelm. ex A. Gray - **tinted woodland spurge**
 reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA
Euphorbia corollata L. - **flowering spurge**
Euphorbia cyathophora Murray - **fire on the mountain**
Euphorbia cyparissias L. - **cypress spurge**
 native to Eurasia; may cause severe skin irritation, poisonous to cattle
Euphorbia davidii Subils - **David's spurge**
Euphorbia dentata var. *dentata* - **toothed spurge**
Euphorbia esula L. - **leafy spurge**
 misapplied; see *E. virgata*
Euphorbia geyeri var. *geyeri* - **Geyer's sandmat**
Euphorbia glyptosperma Engelm. - **ribseed sandmat**
Euphorbia helioscopia L. - **madwoman's milk**
 native to Europe; known only from Winona Co. (historical collection from 1885)
Euphorbia hexagona Nuttall ex Sprengel - **sixangle spurge**
Euphorbia humistrata Engelm. ex A. Gray - **spreading sandmat**
 native to southern Great Plains; reported for Minnesota by USDA-NRCS but no specimens at MIN
Euphorbia maculata L. - **spotted sandmat**
Euphorbia marginata Pursh - **snow on the mountain**
 may cause severe skin irritation
Euphorbia missurica Rafinesque - **prairie sandmat**
Euphorbia nutans Lagasca y Segura - **eyebane**
Euphorbia prostrata Aiton - **thymeleaf sandmat**
Euphorbia serpillifolia Pers. - **thymeleaf sandmat**
Euphorbia spathulata Lamarck - **warty spurge**
Euphorbia vermiculata Raf. - **wormseed sandmat**
Euphorbia virgata Waldst. & Kit. - **leafy spurge**

FABACEAE

Amorpha canescens Pursh - **leadplant**
Amorpha fruticosa L. - **false indigo bush**
Amorpha nana Nuttall - **dwarf false indigo**
Amphicarpaea bracteata var. *bracteata* - **American hogpeanut**
Amphicarpaea bracteata var. *comosa* (L.) Fernald - **American hogpeanut**
Apios americana Medikus - **groundnut**
Astragalus adsurgens var. *robustior* Hook. - **prairie milk vetch**
Astragalus agrestis Douglas ex G. Don - **purple milkvetch**
Astragalus alpinus var. *alpinus* - **alpine milkvetch**
 disjunct from Canada and western mountains of US; first collected 1991; endangered
Astragalus canadensis var. *canadensis* - **Canadian milkvetch**
Astragalus cicer L. - **chickpea milkvetch**
 native to Europe; known only from St. Louis Co. (one mining road population, collected 2001)
Astragalus crassicaarpus var. *crassicaarpus* - **groundplum milkvetch**
Astragalus flexuosus var. *flexuosus* - **flexile milkvetch**
Astragalus laxmannii var. *robustior* (Hook.) Barneby & S.L. Welsh - **prairie milkvetch**
Astragalus lotiflorus Hooker - **lotus milkvetch**
Astragalus missouriensis var. *missouriensis* - **Missouri milkvetch**
Astragalus neglectus (Torrey & A. Gray) E. Sheldon - **Cooper's milkvetch**
Astragalus racemosus var. *racemosus* - **cream milkvetch**
 known only from Pipestone Co. (historical collection from 1895); rare historic record

Astragalus tenellus Pursh - **looseflower milkvetch**
eastern limit of distribution; known only from Otter Tail Co. (historical collections to 1892); rare historic record

Baptisia alba (L.) Vent - **long leaf wild indigo**

Baptisia alba var. macrophylla (Larisey) Isley - **white wild indigo**

Baptisia australis var. australis - **blue wild indigo**
native to eastern and southeastern US; known only from St. Louis Co. (Duluth area; one roadside population, collected 1956), probably garden escapee; roots possibly toxic

Baptisia bracteata var. leucophaea (Nutt.) Kartesz & Gandhi - **longbract wild indigo**

Baptisia tinctoria (L.) R. Brown ex W.T. Aiton - **horseflyweed**
native to eastern US and Canada; known only from Lake City area (historical collection from 1882)

Caragana arborescens Lamarck - **Siberian peashrub**
native to Siberia

Caragana frutex (L.) K.Koch - **Russian peashrub**

Chamaecrista fasciculata (Michaux) Greene - **partridge pea**

Chamaecrista fasciculata var. fasciculata - **partridge pea**

Clitoria mariana L. - **Atlantic pigeonwings**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from WI, IA, NE

Coronilla varia L. - **crown vetch**
native to Mediterranean region

Crotalaria sagittalis L. - **arrowhead rattlebox**

Dalea candida var. candida - **white prairie clover**

Dalea candida var. oligophylla (Torrey) Shinnars - **white prairie clover**

Dalea leporina (Aiton) Bullock - **foxtail prairie clover**

Dalea purpurea Ventenat

Dalea purpurea var. purpurea - **purple prairie clover**

Dalea villosa var. villosa - **silky prairie clover**

Desmanthus illinoensis (Michaux) MacMillan ex B.L. Robinson & Fernald - **Illinois bundleflower**

Desmodium canadense (L.) DeCandolle - **showy ticktrefoil**

Desmodium canescens (L.) DC. - **hoary ticktrefoil**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA, NE

Desmodium cuspidatum var. longifolium (Torrey & A. Gray) B.G. Schubert - **largebract ticktrefoil**

Desmodium glutinosum (Muhlenberg ex Willdenow) Wood - **pointedleaf ticktrefoil**

Desmodium illinoense A. Gray - **Illinois ticktrefoil**

Desmodium nudiflorum (L.) de Candolle - **nakedflower ticktrefoil**

Gleditsia triacanthos L. - **honeylocust**

Glycine max (L.) Merrill - **soybean**
native to China and Japan; occasionally reported along farm roadsides but not persisting

Glycyrrhiza lepidota Pursh - **American licorice**

Gymnocladus dioica - **Kentucky coffeetree**
seeds toxic to livestock; special concern

Lathyrus japonicus var. maritimus (L.) Kartesz & Gandhi - **beach pea**

Lathyrus latifolius L. - **perennial pea**
native to southern Europe; toxic to animals

Lathyrus ochroleucus Hooker - **cream pea**

Lathyrus palustris L. - **marsh pea**

Lathyrus sylvestris L. - **flat pea**
native to Europe; reported for Minnesota by USDA-NRCS but no specimens at MIN

Lathyrus tuberosus L. - **tuberous sweetpea**
native to Eurasia

Lathyrus venosus Muhlenberg ex Willdenow

Lespedeza capitata Michx. - **roundhead lespedeza**

Lespedeza cuneata G. Don - **sericea lespedeza**
native to eastern Asia; known only from Sherburne Co. (nursery holding area, collected 2005)

Lespedeza frutescens (L.) Hornem. - **shrubby lespedeza**

Lespedeza leptostachya Engelman ex A. Gray - **prairie lespedeza**
federal Threatened list; northern limit of distribution; threatened

Lespedeza violacea (L.) Pers. - **violet lespedeza**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA, NE

Lespedeza virginica (L.) Britton - **slender lespedeza**
native to eastern US; known only from Winona Co. (one revegetated-field population, collected 1997)

Lotus corniculatus var. corniculatus - **bird's-foot trefoil**
native to Europe

Lotus unifoliolatus var. unifoliolatus - **American bird's-foot trefoil**

Lupinus perennis var. occidentalis S. Watsom - **sundial lupine**

Lupinus perennis var. perennis - **sundial lupine**

Lupinus polyphyllus var. polyphyllus - **bignone leaf lupine**

Medicago lupulina L. - **black medick**
native to Eurasia

Medicago sativa subsp. falcata (L.) Arcangeli - **alfalfa**
native to Eurasia

Medicago sativa subsp. sativa - **alfalfa**
native to Eurasia

Melilotus albus Medik. - **white sweet clover**
native to Eurasia; moderately toxic to livestock; considered by some to be a color variant of *M. officinalis*

Melilotus indicus (L.) All. - **annual yellow sweetclover**

native to Mediterranean region; reported for Minnesota by USDA-NRCS but no specimens at MIN

Melilotus officinalis (L.) Lamarck - **white sweet clover**

native to Eurasia; moderately toxic to livestock

Onobrychis viciifolia Scopoli - **sainfoin**

native to southern Europe; known only from Otter Tail Co. (historical collection of 1911; population soon destroyed after discovery)

Oxytropis borealis* var. *viscida (Nutt.) S.L. Welsh - **viscid locoweed**

Oxytropis campestris* var. *chartacea (Fassett) Barneby - **field locoweed**
report unverified

Oxytropis campestris* var. *dispar (A. Nelson) Barneby - **field locoweed**

Oxytropis lambertii* var. *lambertii - **purple locoweed**
poisonous to livestock

Oxytropis splendens Douglas ex Hooker - **showy locoweed**

only known specimen from Minnesota ("Chippewa River") deposited at GH; poisonous to livestock

Oxytropis viscida Nuttall - **viscid locoweed**

disjunct from western North America and arctic regions, known only from Cook Co., (last collected 1997); poisonous to livestock; endangered

Pediomelum argophyllum (Pursh) J.W.Grimes - **silverleaf Indian breadroot**

Pediomelum esculentum (Pursh) Rydberg - **large Indian breadroot**

Psoraleidum tenuiflorum (Pursh) Rydberg - **slimflower scurphea**

Robinia hispida* var. *hispida - **bristly locust**

native to southeastern US; flowers possibly toxic

Robinia pseudoacacia L. - **black locust**

native to southeastern US; potentially invasive; toxic, especially to children and horses

Robinia viscosa* var. *viscosa - **clammy locust**

Securigera varia - **crown vetch**

Strophostyles helvola (L.) Elliott - **amberique-bean**

Strophostyles leiosperma (Torrey & A. Gray) Piper - **slickseed fuzzybean**

Tephrosia virginiana (L.) Persoon - **Virginia tephrosia**

may cause skin irritation, seeds toxic; special concern

Trifolium arvense L. - **rabbitfoot clover**

native to Eurasia and northern Africa

Trifolium aureum Pollich - **golden clover**

native to Eurasia

Trifolium campestre Schreber - **field clover**

native to Eurasia and northern Africa

Trifolium dubium Sibth. - **suckling clover**

native to Europe; reported for Minnesota by USDA-NRCS but no specimens at MIN

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* subsp. *americana - **American vetch**

Vicia americana* subsp. *minor (Hook.) Piper & Beattie - **American vetch**

Vicia caroliniana Walt. - **Carolina vetch**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IL

Vicia cracca* subsp. *cracca - **bird vetch**

native to Eurasia

Vicia sativa* subsp. *nigra (L.) Ehrh. - **garden vetch**

Vicia sativa* subsp. *sativa - **garden vetch**

native to southern Europe

Vicia tetrasperma (L.) Schreber - **lentil vetch**

native to Eurasia; known only from St. Louis Co. (Duluth area; one population collected 2009)

Vicia villosa* subsp. *varia (Host) Corbière - **winter vetch**

erroneous report

Vicia villosa* subsp. *villosa - **winter vetch**

FAGACEAE

Fagus grandifolia Ehrhart - **American beech**

Quercus alba L. - **white oak**

Quercus bicolor Willdenow - **swamp white oak**

Quercus coccinea M - **scarlet oak**

erroneous report

Quercus ellipsoidal - **northern pin oak**

hybrids with *Q. rubra* especially common in Minnesota

Quercus macrocarpa Michaux - **bur oak**

Quercus muehlenbergii Engelm - **chinkapin oak**

known only from Houston Co. (historical collection from 1899); rare historic record

Quercus prinoides Willd. - **dwarf chinkapin oak**

erroneous report

Quercus rubra L. - **northern red oak**

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

Quercus velutina Lamarck - **black oak**

Quercus x bebbiana C.K. Schneider - **Bebb's hybrid oak**

(*Q. alba* x *macrocarpa*)

Quercus x hawkinsiae Sudworth - **Hawkins' hybrid oak**

(*Q. rubra* x *velutina*) known only from Houston Co. (last collected 1982)

Quercus x paleolithicola Trelease - **fossil oak**

(*Q. ellipsoidalis* x *velutina*) known only from Houston (last collected 1915) and Wabash (collected 2000) counties

Quercus x schuettei Trelease - **Schuette's hybrid oak**

(*Q. bicolor* x *macrocarpa*) known in Minnesota only from urban street trees (historical collections to 1918); this hybrid not named in FNA

FUMARIACEAE

Adlumia fungosa (Aiton) Greene ex Britton, Sterns & Poggenberg - **Allegheny vine**

Corydalis aurea* var. *aurea - **scrambled eggs**

plant potentially toxic

Corydalis micrantha (Engelmann ex A. Gray) A. Gray - **smallflower fumewort**

Corydalis sempervirens (L.) Persoon - **rock harlequin**

Dicentra canadensis (Goldie) Walpers - **squirrel corn**

Dicentra cucullaria (L.) Bernhardt - **dutchman's breeches**

may cause skin irritation, leaves and roots potentially poisonous

Fumaria officinalis L. - **drug fumitory**

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

GENTIANACEAE

Bartonia virginica (L.) Britton, Sterns & Poggenburg - **yellow screwstem**

western limit of distribution; endangered

Centaurium pulchellum (Swartz) Druce - **branched centaury**

native to Europe; doubtfully persisting annual

Gentiana affinis Grisebach - **pleated gentian**

Gentiana alba Muhl. ex Nutt. - **plain gentian**

Gentiana andrewsii* var. *andrewsii - **closed bottle gentian**

Gentiana andrewsii* var. *dakotica A. Nelson - **Dakota gentian**

Gentiana flavida A. Gray

Gentiana puberulenta J.S. Pringle - **downy gentian**

Gentiana rubricaulis Schweinitz - **closed gentian**

Gentiana x billingtonii Farwell - **Billington's gentian**

(*G. andrewsii* x *puberulenta*) known only from Dakota Co. (one railroad population, collected 1956)

Gentiana x curtisii J.S. Pringle - **Curtis' gentian**

(*Gentiana alba* x *puberulenta*)

Gentiana x grandilacustris J.S. Pringle - **big lake gentian**

(*G. andrewsii* x *rubricaulis*) reported as endemic to MN and WI by USDA-NRCS; in MN known only from Clearwater County (Itasca SP, collected 1935)

Gentiana x pallidocyanea J.S. Pringle

(*G. alba* x *andrewsii*) reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA

Gentianella amarella* subsp. *acuta (Michaux) J.M. Gillett - **autumn dwarf gentian**

Gentianella quinquefolia* subsp. *occidentalis (A.Gray) Small - **agueweed**

Gentianopsis crinita (Froelich) Ma - **greater fringed gentian**

Gentianopsis detonsa (Rottbøll) Ma - **Macoun's gentian**

misapplied name; see *Gentianopsis virgata* subsp. *macounii*

Gentianopsis virgata* subsp. *macounii (T. Holm) J.S. Pringle - **Macoun's gentian**

Gentianopsis virgata* subsp. *virgata - **lesser fringed gentian**

Halenia deflexa* var. *deflexa - **American spurred gentian**

GERANIACEAE

Erodium cicutarium (L.) L'Héritier ex Aiton - **redstem stork's bill**

native to Mediterranean region

Geranium bicknellii Britton - **Bicknell's cranesbill**

Geranium carolinianum* var. *carolinianum - **Carolina geranium**

Geranium carolinianum* var. *sphaerospermum (Fernald) Breitung - **Carolina geranium**

Geranium maculatum L. - **spotted geranium**

Geranium pratense L. - **meadow geranium**

native to Europe; known only from St. Louis Co. (last collected 2004)

Geranium pusillum L. - **small geranium**

native to Europe; reported for Minnesota by USDA-NRCS but no specimens at MIN

Geranium robertianum* subsp. *robertianum - **Robert geranium**

Geranium sanguineum L. - **bloody geranium**

native to Europe; only known collection at DUL

Geranium sibiricum L. - **Siberian geranium**

native to Eurasia

GROSSULARIACEAE

Ribes americanum Miller - **American black currant**

Ribes aureum* var. *villosum de Candolle - **golden currant**

considered native in the Great Plains (west of the Mississippi River) but widely spreading elsewhere

Ribes cynosbati L. - **eastern prickly gooseberry**

Ribes glandulosum Grauer - **skunk currant**

Ribes hirtellum Michaux - **hairystem gooseberry**

Ribes hudsonianum Richardson - **northern black currant**

vars. not recognized, although in some regions distinctions occur

- Ribes lacustre* (Persoon) Poiret - **prickly currant**
- Ribes missouriense* Nuttall - **Missouri gooseberry**
- Ribes nigrum* L. - **European black currant**
native to Eurasia; known only from Ramsey Co. (one agricultural population, collected 1924)
- Ribes oxycanthoides* var. *oxycanthoides* - **Canadian gooseberry**
- Ribes rubrum* L. - **cultivated currant**
native to Eurasia
- Ribes triste* Pallas - **red currant**
- Ribes uva-crispa* L. - **European gooseberry**
erroneous report

HALORAGACEAE

- Myriophyllum alterniflorum* de Candolle - **alternate flower watermilfoil**
- Myriophyllum farwellii* Morong - **Farwell's watermilfoil**
- Myriophyllum heterophyllum* Michaux - **twoleaf watermilfoil**
known only from St. Louis Co. (one population, collected 1992); special concern
- Myriophyllum humile* (Rafinesque) Morong - **low watermilfoil**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from WI, IL
- Myriophyllum sibiricum* Komarov - **shortspike watermilfoil**
- Myriophyllum spicatum* L. - **Eurasian watermilfoil**
native to Eurasia; state DOA noxious weed and MN-DNR Prohibited Invasive Species list; recent research suggests that this is problematical only when forming dense surface mats that shade out native vegetation below
- Myriophyllum tenellum* Bigelow - **slender watermilfoil**
- Myriophyllum verticillatum* L. - **whorl-leaf watermilfoil**
- Proserpinaca palustris* var. *crebra* Fernald & Grisc. - **marsh mermaidweed**
report unverified

HAMAMELIDACEAE

- Hamamelis virginiana* L. - **American witchhazel**

HEMEROCALLIDACEAE

- Hemerocallis fulva* (L.) L. - **orange daylily**
native to Asia
- Hemerocallis lilioasphodelus* L. - **yellow daylily**
native to Asia; reported by Ownbey & Morley 1991 as occasionally escaping from cultivation but no specimens at MIN

HYACINTHEACEAE

- Ornithogalum umbellatum* L. - **sleepydick**
native to Eurasia and north Africa; rarely escaping cultivation
- Scilla siberica* Haworth - **Siberian squill**
native to Russia; rarely escaping cultivation

HYDRANGEACEAE

- Philadelphus coronarius* L. - **sweet mock orange**
erroneous report
- Philadelphus pubescens* var. *pubescens* - **hoary mock orange**

HYDROCHARITACEAE

- Egeria densa* Planch. - **Brazilian waterweed**
native to S. America; unverified report from Hennepin Co.; probably not long-persisting (introduced with aquarium trade)
- Elodea bifoliata* H. St. John - **twoleaf waterweed**
- Elodea canadensis* Michaux - **Canadian waterweed**
- Elodea nuttallii* (Planchon) H. St. John - **western waterweed**
- Najas flexilis* (Willdenow) Rostkovius & W.L.E. Schmidt - **nodding waternymph**
- Najas gracillima* (A. Braun ex Engelmann) Magnus - **slender waternymph**
- Najas guadalupensis* subsp. *guadalupensis* - **southern waternymph**
- Najas guadalupensis* subsp. *olivacea* (Rosendahl & Butters) R.R. Haynes & Hellquist - **Guadalupe waternymph**
- Najas marina* L. - **spiny naiad**
- Najas minor* Allioni - **brittle waternymph**
on MN-DNR Prohibited Invasive Species list; disjunct from IL, IN, MI, probably introduced; known only from Dakota Co. (one population, collected 2003)
- Vallisneria americana* Michaux - **American eelgrass**
vars. not recognized

HYPERICACEAE

- Hypericum ascyron* subsp. *pyramidatum* (Aiton) N. Robson - **great St. Johnswort**
- Hypericum boreale* (Britton) E.P. Bicknell - **northern St. Johnswort**
- Hypericum canadense* L. - **lesser Canadian St Johnswort**
erroneous report
- Hypericum ellipticum* Hooker - **pale St. Johnswort**
- Hypericum gentianoides* (L.) Britton, Sterns & Poggenb. - **orangegrass**
reported for Minnesota by Gleason & Cronquist 1991 but no specimens at MIN; known from Ontario, WI, IA
- Hypericum kalmianum* L. - **Kalm's St. Johnswort**
disjunct from central and eastern Great Lakes, known only from Lake Co. (one population at wilderness entry point, 2005)
- Hypericum maculatum* subsp. *obtusiusculum* (Tourlet) Hayek - **spotted St. Johnswort**
native to Europe; known only from St. Louis Co. (Duluth area; collected 2007)

Hypericum majus (A.Gray) Britton - **large St. Johnswort**
Hypericum mutilum subsp. mutilum L. - **dwarf St. Johnswort**
Hypericum perforatum L. - **common Saint John**
native to Europe
Hypericum perforatum var. perforatum L. - **common St. Johnswort**
Hypericum prolificum L. - **shrubby St. Johnswort**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA
Hypericum punctatum Lamarck - **spotted St. Johnswort**
Hypericum pyramidatum Aiton - **great St. Johnswort**
Triadenum fraseri (Spach) Gleason - **Fraser's marsh St. Johnswort**

HYPOXIDACEAE

Hypoxis hirsuta (L.) Coville - **common goldstar**

IRIDACEAE

Belamcanda chinensis (L.) DC. - **blackberry lily**
native to eastern Asia; reported by Ownbey & Morley 1991 as escaping cultivation in Waseca Co. but no specimens at MIN
Iris germanica L. - **German iris**
native to Europe; known only from Sherburne Co. (Sherburne National Wildlife Refuge, one hillside population, collected 2001)
Iris missouriensis Nuttall - **Rocky Mountain iris**
erroneous report
Iris pallida Lamarck - **sweet iris**
native to Mediterranean region; known only from Douglas Co. (one roadside population, collected 1940)
Iris pseudacorus L. - **paleyellow iris**
native to Europe
Iris versicolor L. - **harlequin blue flag**
roots poisonous
Iris virginica L. - **Virginia iris**
vars. not recognized
Sisyrinchium angustifolium Miller - **narrowleaf blue-eyed grass**
native of eastern US and Canada; known only from St. Louis Co. (Duluth area; last collected 1950), probably introduced initially with ballast; DNR watch list
Sisyrinchium campestre E.P. Bicknell - **prairie blue-eyed grass**
Sisyrinchium montanum var. cerebrum Fernald - **strict blue-eyed grass**
erroneous report
Sisyrinchium montanum var. montanum - **strict blue-eyed grass**
Sisyrinchium mucronatum Michaux - **needletip blue-eyed grass**

ISOETACEAE

Isoetes echinospora Durieu - **spiny-spore quillwort**
vars. not recognized
Isoetes lacustris L. - **lake quillwort**
Isoetes melanopoda Gay & Durieu - **blackfoot quillwort**
northern limit of distribution; endangered
Isoetes tenella L. - **spiny-spore quillwort**
misapplied to our flora, see *I. echinospora*
Isoetes x hickeyi Taylor & Luebke - **quillwort**

JUGLANDACEAE

Carya cordiformis (Wangenheim) K. Koch - **bitternut hickory**
Carya ovata var. ovata - **shagbark hickory**
Juglans cinerea L. - **butternut**
Juglans nigra L. - **black walnut**
moderately toxic to dogs and horses (particularly bark/wood shavings for bedding)

JUNCACEAE

Juncus acuminatus Michaux - **tapertip rush**
reported for Minnesota by FNA and MN-DNR but no specimens at MIN; known from IA, WI
Juncus alpinoarticulatus Chaix - **northern green rush**
Juncus antheratus (Wiegand) R.E. Brooks - **greater poverty rush**
reported for Minnesota by FNA and MN-DNR but no specimens at MIN; known from Ontario, IA, WI
Juncus arcticus var. arcticus - **arctic rush**
erroneous report
Juncus arcticus var. balticus (Willdenow) Trautvetter - **arctic rush**
Juncus articulatus L. - **jointleaf rush**
previously known only from Ramsey Co. (collected 1922) but recently (1998) collected from Aitkin Co.; endangered
Juncus brachycarpus Engelm. - **whiteroot rush**
disjunct from IL; known only from Blue Earth Co. (collected 1948)
Juncus brachycephalus (Engelm.) Buchenau - **smallhead rush**
erroneous report
Juncus brevicaudatus (Engelm.) Fernald - **narrowpanicle rush**
Juncus bufonius L. - **toad rush**
vars. not recognized
Juncus canadensis J. Gay - **Canadian rush**
Juncus compressus Jacquin - **roundfruit rush**
Juncus dudleyi Wiegand - **Dudley's rush**

***Juncus effusus* L. - common rush**

vars. not recognized

***Juncus filiformis* L. - thread rush**

***Juncus gerardii* Loiseleur-Deslongchamps - saltmeadow rush**

***Juncus greenei* Oakes & Tuckerman - Greene's rush**

***Juncus interior* Wiegand - inland rush**

***Juncus longistylis* Torrey - longstyle rush**

***Juncus marginatus* Rostkovius - grassleaf rush**

***Juncus nodosus* L. - knotted rush**

***Juncus pelocarpus* E. Meyer - brownfruit rush**

***Juncus stygius* var. *americanus* Buchenau - moor rush**

***Juncus subtilis* E. Meyer - greater creeping rush**

disjunct from eastern Canada; known only from Cook Co. (one wilderness population, collected 1998); endangered

***Juncus tenuis* Willdenow - poverty rush**

***Juncus torreyi* Coville - Torrey's rush**

***Juncus vaseyi* Engelmann - Vasey's rush**

***Juncus x gracilescens* J. Hermann - slender rush**

(*J. alpinoarticulatus* x *brevicaudatus*)

***Luzula acuminata* var. *acuminata* - hairy woodrush**

***Luzula campestris* (L.) DC.**

misapplied to our flora, see *L. multiflora*

***Luzula luzuloides* subsp. *luzuloides* - oakforest woodrush**

native to Europe; known only from St. Louis Co. (Duluth area; last collected 1941)

***Luzula multiflora* (Ehrhart) Lejeune**

***Luzula multiflora* subsp. *multiflora* - common woodrush**

native to Eurasia

***Luzula parviflora* (Ehrhart) Desvaux - smallflowered woodrush**

vars. not recognized; threatened

JUNCAGINACEAE

***Triglochin maritima* L. - seaside arrowgrass**

***Triglochin palustris* L. - marsh arrowgrass**

LAMIACEAE

***Agastache foeniculum* (Pursh) Kuntze - blue giant hyssop**

***Agastache nepetoides* (L.) Kuntze - yellow giant hyssop**

known only from Chippewa Co. (one population, collected 1938); rare historic record

***Agastache scrophulariifolia* (Willdenow) Kuntze - purple giant hyssop**

***Ajuga genevensis* L. - blue bugle**

native to Eurasia; known only from Lake and St. Louis counties (last collected 2009)

***Blephilia hirsuta* (Pursh) Benth - hairy pagoda-plant**

***Blephilia subnuda* R. Simmers & Kraul - Cumberland pagoda-plant**

native to southern US

***Chaiturus marrubiastrum* (L.) Spenn. - lion's tail**

***Clinopodium arkansanum* (Nutt.) House - Ozark calamint**

report unverified

***Clinopodium vulgare* L. - wild basil**

***Dracocephalum parviflorum* Nuttall - American dragonhead**

***Elsholtzia ciliata* (Thunberg) Hylander - crested latesummer mint**

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

***Galeopsis bifida* Boenn. - splitlip hempnettle**

***Galeopsis tetrahit* var. *tetrahit* - brittlestem hempnettle**

***Glechoma hederacea* L. - ground ivy**

native to Eurasia; plant oil may be irritating

***Hedeoma drummondii* Benth. - Drummond's false pennyroyal**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from ND, SD, NE

***Hedeoma hispida* Pursh - rough false pennyroyal**

***Hedeoma pulegioides* (L.) Persoon - American false pennyroyal**

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

***Hyssopus officinalis* L. - hyssop**

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

***Lamiastrum galeobdolon* (L.) Ehrend. & Polatschek - yellow archangel**

native to Europe; known only from St. Louis Co. (Duluth area; collected 2008)

***Lamium album* L. - snowflake**

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

***Lamium amplexicaule* L. - henbit deadnettle**

native to Eurasia and northern Africa

***Lamium galeobdolon* (L.) L.**

***Lamium maculatum* L. - spotted henbit**

native to eastern Asia; known only from St. Louis Co. (one cemetery population, collected 2007)

***Leonurus cardiaca* subsp. *cardiaca* - common motherwort**

***Leonurus marrubiastrum* L. - lion**

native to Europe and northern Asia

***Leonurus sibiricus* L. - honeyweed**

native to Asia

Lycopus americanus Muhlenberg ex W.P.C. Barton - **American water horehound**

Lycopus asper Greene - **rough bugleweed**

Lycopus uniflorus Michaux - **northern bugleweed**

Lycopus virginicus L. - **Virginia water horehound**

Lycopus x sherardii Steele - **Sherard's bugleweed**
(*L. uniflorus* x *virginicus*)

Marrubium vulgare L. - **horehound**
native to Eurasia; known only from Wabasha Co. (historical collections to 1890)

Mentha arvensis L. - **wild mint**

Mentha spicata L. - **spearmint**
native to Europe

Mentha x gracilis Sole - **ginger mint**

Mentha x piperita L. - **peppermint**
(*M. aquatica* x *spicata*) cultigen of Europe; reported for Minnesota by USDA-NRCS but no specimens at MIN

Moluccella laevis L. - **shellflower**
native to Mediterranean region; known only from Isanti Co. (one homestead population, collected 1963), doubtfully persisting

Monarda didyma L. - **scarlet beebalm**
native to eastern US

Monarda fistulosa var. *fistulosa* - **wild bergamot**

Monarda fistulosa var. *menthaefolia* (Graham) Fernald - **mintleaf bergamot**

Monarda punctata var. *villicalis* (Pennell) E.J. Palmer & Steyermark - **spotted beebalm**

Nepeta cataria L. - **catnip**
native to Eurasia

Nepeta racemosa Lam. - **raceme catnip**

Origanum vulgare L. - **oregano**

Perilla frutescens var. *frutescens* - **beafsteak plant**

Physostegia parviflora Nuttall ex A. Gray - **western false dragonhead**
erroneous report

Physostegia virginiana subsp. *praemorsa* (Shinners) Cantino
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from NE, IA, IL

Physostegia virginiana subsp. *virginiana* - **obedient plant**

Prunella vulgaris subsp. *lanceolata* (W.C.P. Barton) Hultén - **lance selfheal**

Prunella vulgaris subsp. *vulgaris* - **common selfheal**
native to Europe

Pycnanthemum flexuosum (Walt.) Britton, Sterns & Poggenburg - **Appalachian mountainmint**
native to southeastern US; reported for Minnesota by MN-DNR and NatureServe but no specimens at MIN

Pycnanthemum tenuifolium Schrad. - **narrowlead mountainmint**
report unverified

Pycnanthemum virginianum (L.) T. Durand & B.D. Jacks ex B.L. Robinson & Fernald - **Virginia mountain mint**

Salvia azurea var. *grandiflora* Benth. - **pitcher sage**
report unverified

Salvia nutans L. - **nodding sage**
native to southeastern Europe; known only from Clay Co. (one riverbank population, collected 1937)

Salvia pratensis L.
erroneous report

Salvia reflexa Hornemann - **lanceleaf sage**

Salvia x sylvestris L. - **woodland sage**

Satureja arkansana (Nutt.) Briq. - **Ozark calamint**

Satureja glabella var. *angustifolia* (Torr.) Svenson - **Ozark calamint**
reported for Minnesota by USDA-NRCS and NatureServe but no specimens at MIN; known from Ontario, WI, IL

Scutellaria galericulata L. - **marsh skullcap**

Scutellaria lateriflora var. *lateriflora* - **blue skullcap**

Scutellaria leonardii Epling - **Leonard**
included in *S. parvula* by some

Scutellaria ovata subsp. *ovata* - **heartleaf skullcap**

Scutellaria ovata var. *versicolor* (Nuttall) Fernald - **heartleaf skullcap**
northern limit of distribution; threatened

Scutellaria parvula var. *missouriensis* (Torr.) Goodman & C.A. Lawson - **Leonard's skullcap**

Scutellaria parvula var. *parvula* - **small skullcap**

Stachys hispida Pursh - **hairy hedge nettle**
included in *S. tenuifolia* by some including USDA-NRCS

Stachys palustris L. - **marsh hedge-nettle**

Stachys palustris var. *pilosa* (Nutt.) Fernald - **hairy hedge-nettle**

Stachys pilosa var. *arenicola* (Britton) Mulligan & Munro - **hairy hedge-nettle**

Stachys pilosa var. *pilosa* - **hairy hedge-nettle**

Stachys tenuifolia Willdenow - **smooth hedge-nettle**

Teucrium canadense var. *canadense* - **Canada germander**

Teucrium canadense var. *occidentale* (A. Gray) E.M. McClintock & Epling - **western germander**

Teucrium canadense var. *virginicum* (L.) Eaton

Thymus praecox subsp. *arcticus* (Durand) Jalas - **creeping thyme**
native to Eurasia; known only from Lake Co. (lakeshore population collected 1980); only specimen at DUL

Thymus pulegioides L. - **lemon thyme**
native to Europe

Thymus serpyllum L. - **Breckland thyme**
erroneous report

Trichostema brachiatum L. - fluxweed

LENTIBULARIACEAE

Pinguicula vulgaris L. - common butterwort

Utricularia cornuta Michaux - horned bladderwort

Utricularia geminiscapa L. Benjamin - hiddenfruit bladderwort
range extension from IA and WI; threatened

Utricularia gibba L. - humped bladderwort

Utricularia intermedia Hayne - flatleaf bladderwort

Utricularia macrorhiza Leconte - common bladderwort

Utricularia minor L. - lesser bladderwort

Utricularia ochroleuca R.W. Hartm. - yellowishwhite bladderwort

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario and Manitoba

Utricularia purpurea Walter - eastern purple bladderwort

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

LILIACEAE

Alettris farinosa L. - white colicroot

reported for Minnesota by USDA-NRCS but no specimens at MIN; known east of the Mississippi River

Erythronium albidum Nuttall - white fawnlily

vars. not recognized

Erythronium americanum subsp. *americanum* - dogtooth violet

Erythronium propullans A. Gray - Minnesota fawnlily

federal and endemic to Minnesota; endangered

Lilium lancifolium Thunberg - tiger lily

native to China

Lilium michiganense Farwell - Michigan lily

Lilium philadelphicum L. - wood lily

vars. not recognized

Medeola virginiana L. - Indian-cucumber

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IL

Prosartes trachycarpa S. Watson - roughfruit fairybells

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

Streptopus amplexifolius (L.) de Candolle - claspleaf twistedstalk

vars. not recognized

Streptopus lanceolatus (Aiton) Reveal - twisted stalk

LIMNANTHACEAE

Floerkea proserpinacoides Willdenow - false mermaidweed

LINACEAE

Linum lewisii var. *lewisii* - prairie flax

Linum perenne L. - blue flax

native to Europe; known only from Goodhue Co. (Frontenac SP), introduced with roadside plantings (collected 1999)

Linum rigidum var. *rigidum* - stiffstem flax

Linum rigidum var. *simulans* C.M. Rogers - stiffstem flax

Linum sulcatum var. *sulcatum* - grooved flax

Linum usitatissimum L. - common flax

native to Europe; seeds possibly toxic

LINNAEACEAE

Linnaea borealis subsp. *americana* (Forbes) Hultén ex Clausen

LOASACEAE

Mentzelia decapetala (Pursh) Urban - tenpetal blazingstar

Mentzelia nuda (Pursh) Torrey & A. Gray - bractless blazingstar

LOBELIACEAE

Lobelia cardinalis L. - cardinalflower

Lobelia dortmanna L. - Dortmann's cardinalflower

Lobelia inflata L. - Indian-tobacco

plant potentially toxic

Lobelia kalmii L. - Ontario lobelia

Lobelia siphilitica L. - great blue lobelia

leaves and roots potentially toxic

Lobelia siphilitica var. *ludoviciana* A.L.P.P. de Candolle - Ontario lobelia

Lobelia siphilitica var. *siphilitica* - Ontario lobelia

Lobelia spicata var. *campanulata* McVaugh - palespike lobelia

reported by USDA-NRCS for Minnesota but no specimens at MIN; known from Manitoba, Ontario, WI, IA

Lobelia spicata var. *hirtella* A. Gray - palespike lobelia

Lobelia spicata var. *spicata* - palespike lobelia

LYCOPODIACEAE

Diphasiastrum complanatum L. - groundcedar

Diphasiastrum digitatum (Dillenius ex A. Braun) Holub - **fan clubmoss**
Diphasiastrum tristachyum (Pursh) Holub - **deeproot clubmoss**
Diphasiastrum x habereri (House) Holub - **Haberer's groundcedar**
 (D. digitatum x tristachyum) easily confused with both parents
Diphasiastrum x zeilleri (Rouy) Holub - **Zeiller's groundcedar**
 (D. complanatum x tristachyum)
Huperzia appalachiana Beitel & Mickel - **Appalachian clubmoss**
 hybridizes frequently with H. selago and rarely (one population, collected 2001 from Cook Co.) with H. lucidula; special concern
Huperzia appressa (Desv.) Á. Löve & D. Löve
 misapplied to our flora, see H. appalachiana; misapplied name
Huperzia lucidula (Michaux) Trevisan - **shining clubmoss**
Huperzia porophila (F.E. Lloyd & L. Underwood) Holub - **rock clubmoss**
 disjunct from IL and IN; threatened
Huperzia selago (L.) Bernhardt ex Schrank & Martius - **fir clubmoss**
 vars./subsp. not recognized
Huperzia x bartleyi (Cusick) Kartesz & Gandhi - **Bartley's clubmoss**
 (H. lucidula x porophila) sterile hybrid; range extension from Great Lakes states; known only from Lake Co. (Tettegouche State Park, collected 2001)
Huperzia x buttersii (Abbe) Kartesz & Gandhi - **Butters' fir-moss**
 (H. lucidula x selago)
Huperzia x josephbeitellii A. Haines
 (H. appalachiana x selago)
Huperzia x protoporophila A. Haines
 (H. appalachiana x lucidula)
Lycopodiella inundata (L.) Holub - **inundated clubmoss**
Lycopodium annotinum L. - **stiff clubmoss**
Lycopodium canadense Nessel
Lycopodium clavatum L. - **running clubmoss**
 potentially toxic
Lycopodium dendroideum Michaux - **tree groundpine**
Lycopodium hickeyi W.H. Wagner, Beitel & R.C. Moran - **Pennsylvania clubmoss**
Lycopodium lagopus (Laestadius ex C. Hartman) G. Zinserling ex Kuzeneva-Prochorova - **one-cone clubmoss**
Lycopodium obscurum L. - **rare clubmoss**
 to be expected in rich hardwoods in the St. Croix Valley; known from adjacent WI eastward

LYTHRACEAE

Ammannia coccinea C.F. Rottb - **valley redstem**
Ammannia robusta Heer & Regel - **grand redstem**
 reported for Minnesota by USDA-NRCS but no specimens at MIN; known from all adjacent states
Decodon verticillatus (L.) Elliott
Didiplis diandra (Nuttall ex de Candolle) A.W. Wood - **waterpurslane**
 only known specimen from Minnesota (Mower Co.) deposited at MO; rare historic record
Lythrum alatum var. *alatum* - **winged lythrum**
Lythrum salicaria L. - **purple loosteife**
 native to Eurasia; state DOA noxious weed and MN-DNR Prohibited Invasive Species list, 1st collected 1924, Ramsey Co.
Rotala ramosior (L.) Koehne - **lowland rotala**

MALVACEAE

Abelmoschus esculentus (L.) Moench - **okra**
Abutilon theophrasti Medikus - **velvetleaf**
 native to southern Asia; state DOA noxious (CN) weed, 1st collected 1876, Hennepin Co.
Alcea rosea L. - **hollyhock**
Althaea officinalis L. - **common marshmallow**
 native to Europe; known only from Winona Co. (collected 1994)
Althaea rosea (L.) Cavanilles - **hollyhock**
 native to Europe; known only from Fillmore Co. (one parking-lot population, collected 1982), doubtfully persisting
Callirhoe involucrata var. *involucrata* - **purple poppymallow**
 report unverified
Callirhoe triangulata (Leavenworth) A. Gray - **clustered poppymallow**
 native from WI, IA and southward; known only from Wabasha Co. (one population, collected 2008)
Hibiscus esculentus L. - **okra**
 native to Asian tropics; known only from Sherburne Co., Sherburne National Wildlife Refuge (collected 1972), doubtfully persisting
Hibiscus laevis Allioni - **halberdleaf rosemallow**
 range extension from IA; known only from Ramsey Co. (one railroad population, collected 2000)
Hibiscus trionum L. - **flower of an hour**
 native to southern Europe; state DOA noxious (CN) weed, 1st collected 1878, Hennepin Co.
Lavatera thuringiaca L. - **tree lavatera**
 native to southern Europe; reported for Minnesota by USDA-NRCS but no specimens at MIN; doubtfully persisting annual
Malva moschata L. - **musk mallow**
 native to Europe; known only from St. Louis Co. (lawn weed, collected 2007)
Malva neglecta Wallroth - **common mallow**
 native from Eurasia and northern Africa
Malva parviflora L. - **cheeseweed mallow**
Malva pusilla Sm. - **low mallow**
Malva rotundifolia L. - **low mallow**
 native to Europe
Malva sylvestris L. - **high mallow**

native to Eurasia; yard weed, doubtfully persisting

***Malva verticillata* L. - cluster mallow**

native to Asia; known only from Kittson Co. (one riverbank population, collected 1958), doubtfully persisting

***Napaea dioica* L. - glademallow**

northwest limit of distribution; threatened

***Sphaeralcea coccinea* var. *coccinea* (Nutt.) Rydb. - scarlet globemallow**

report unverified

***Tilia americana* L. - American basswood**

***Tilia x europaea* L. - common linden**

(*Tilia cordata* x *platyphyllos*)

MARSILEACEAE

***Marsilea vestita* Hooker & Greville - hairy waterclover**

northeast limit of distribution; endangered

MELANTHIACEAE

***Trillium cernuum* L. - whip-poor-will flower**

vars. not recognized

***Trillium flexipes* Rafinesque - nodding wakerobin**

***Trillium grandiflorum* (Michaux) Salisbury - white trillium**

***Trillium nivale* Riddell - snow trillium**

***Zigadenus elegans* Pursh - mountain deathcamas**

plants poisonous; vars. not recognized

MENISPERMACEAE

***Menispermum canadense* L. - common moonseed**

seeds possibly poisonous

MENYANTHACEAE

***Menyanthes trifoliata* L. - buckbean**

MOLLUGINACEAE

***Mollugo verticillata* L. - green carpet weed**

native to tropical America, now widely established (archeological evidence indicates a pre-Columbian presence at least as far north as TN)

MORACEAE

***Fatoua villosa* (Thunberg) Nakai - hairy crabweed**

native to Asia; known only from Anoka Co. (one nursery population, collected 1998)

***Morus alba* L. - white mulberry**

native to eastern Asia; hybridizes with *M. rubra* and the hybrids spreading rapidly in the state (*M. Nepal*, pers. comm.) and frequently mistaken for this parent

***Morus rubra* L. - red mulberry**

known only from SE counties; rare historic record

MYRICACEAE

***Comptonia peregrina* (L.) J.M. Coulter - sweet fern**

***Myrica gale* L. - sweetgale**

MYRSINACEAE

***Lysimachia arvensis* (L.) U. Manns & Anderberg - scarlet pimpernel**

native to Europe (last collected 1902); (nomenclatural change was made after FNA went to press; see Willdenowia 39: 51. 2009)

***Lysimachia borealis* (Rafinesque) U. Manns & Anderberg - starflower**

(nomenclatural change was made after FNA went to press; see Willdenowia 39: 51. 2009)

***Lysimachia ciliata* L. - fringed loosestrife**

***Lysimachia hybrida* Michaux - Mississippi loosestrife**

***Lysimachia lanceolata* Walter - lanceleaf loosestrife**

to be expected especially in southeastern Minnesota on moist sites; known from IA, WI, Ontario, and Manitoba

***Lysimachia maritima* (L.) Galasso, Banfi & Soldano - sea milkwort**

known only from Kittson Co. (last collected 1992); endangered

***Lysimachia minima* (L.) U. Manns & Anderberg - chaffweed**

known only from Big Stone Co. (collected 1901); (nomenclatural change made after FNA went to press (see Willdenowia 39: 52. 2009); rare historic record

***Lysimachia nummularia* L. - creeping jenny**

native to Europe; rarely producing seed

***Lysimachia quadriflora* Sims - four flowered yellow loosestrife**

***Lysimachia quadrifolia* L. - fourflower yellow loosestrife**

northwest limit of distribution; known only from Pine Co. (last collected 2000); special concern

***Lysimachia terrestris* (L.) Britton, Sterns & Poggenburg - earth loosestrife**

***Lysimachia thyrsoiflora* L. - tufted loosestrife**

***Lysimachia vulgaris* L. - garden yellow loosestrife**

native to Eurasia; known only from St. Louis Co. (Duluth area; last collected 1993)

***Lysimachia x commixta* Fernald - mixed loosestrife**

(*L. terrestris* x *thyrsoiflora*) known only from Washington Co. (one riverbank population, collected 1961); rarely producing seed

NELUMBONACEAE

***Nelumbo lutea* Willdenow - American lotus**

NYCTAGINACEAE

Mirabilis albida (Walter) Heimerl - **white four o'clock**

Mirabilis linearis var. *linearis* - **narrowleaf four o'clock**

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 (Michaux) MacMillan - **heartleaf four o'clock**

NYMPHAEACEAE

Nuphar lutea subsp. *pumila* (Timm) E.O. Beal - **yellow pond-lily**

misapplied to our flora, see *N. microphylla*

Nuphar microphylla (Persoon) Fernald - **yellow pond-lily**

Nuphar rubrodisca Morong - **yellow pond-lily**

possibly a hybrid (sometimes sterile) of *N. microphylla* and *N. variegata*

Nuphar variegata Durand - **variegated yellow pond-lily**

subsp. not recognized

Nymphaea leibergii Morong - **Leiberg's waterlily**

Nymphaea odorata Aiton - **American white waterlily**

Nymphaea odorata subsp. *odorata*

Nymphaea odorata subsp. *tuberosa* (Paine) Wiersema & Hellquist

Nymphaea tetragona Georgi - **Leiberg's waterlily**

misapplied to our flora, see *N. leibergii*

OLEACEAE

Fraxinus americana L. - **white ash**

Fraxinus nigra Marshall - **black ash**

Fraxinus pennsylvanica Marshall - **green ash**

vars. not recognized

Fraxinus quadrangulata Michx. - **blue ash**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA

Syringa reticulata subsp. *amurensis* (F. Ruprecht) P.S. Greene & M.C. Chang - **Amur lilac**

naturalized only from Ramsey Co. (city park, collected 2008)

Syringa reticulata subsp. *reticulata* - **Japanese tree lilac**

naturalized only in St. Louis Co. (Duluth area; last collected 2009)

Syringa villosa Vahl - **villous lilac**

native to China

Syringa vulgaris L. - **common lilac**

native to southern Europe

Syringa x persica L. - **Persian lilac**

(*S. afghanica* x *laciniata*) native to Asia; known only from Isanti Co. (one population, collected 1971), probable garden escapee

ONAGRACEAE

Calylophus serrulatus (Nuttall) P.H. Raven - **yellow sundrops**

Chamerion angustifolium subsp. *angustifolium* (L.) Holub

Chamerion angustifolium subsp. *circumvagum* (Mosquin) Hoch

Circaea alpina subsp. *alpina* - **small enchanter's nightshade**

Circaea lutetiana var. *canadensis* L. - **broadleaf enchanter's nightshade**

Circaea x intermedia J.F. Ehrhart - **hybrid enchanter's nightshade**

(*C. alpina* x *lutetiana*)

Epilobium brachycarpum C. Presl - **tall annual willowherb**

reported for Minnesota by USDA-NRCS but no specimens at MIN; probably based on a misidentified specimen; known from Canada, ND, SD, WI

Epilobium ciliatum subsp. *ciliatum* - **fringed willowherb**

Epilobium ciliatum subsp. *glandulosum* (Lehm.) Hoch & P.H. Raven - **fringed willowherb**

Epilobium coloratum Biehler - **purpleleaf willowherb**

Epilobium glandulosum Lehman - **fringed willowherb**

included in *E. ciliatum* by some as a subspecies or variety

Epilobium leptophyllum Rafinesque - **bog willowherb**

Epilobium palustre L. - **marsh willowherb**

Epilobium strictum Muhlenberg ex Sprengel - **downy willowherb**

Epilobium x wisconsinense Ugent - **Wisconsin willowherb**

(*E. ciliatum* x *coloratum*)

Gaura biennis L. - **biennial beeblossom**

Gaura coccinea Nuttall ex Pursh - **scarlet beeblossom**

Gaura parviflora Douglas ex Lehm. - **velvetweed**

Ludwigia palustris (L.) Elliott - **marsh seedbox**

Ludwigia peploides (Kunth) P.H. Raven - **floating primrose-willow**

Ludwigia polycarpa Short & R. Peter - **manyfruit primrose-willow**

Oenothera biennis var. *biennis* - **common evening primrose**

Oenothera clelandii W. Dietrich, P.H. Raven & W.L. Wagner - **Cleland's evening primrose**

Oenothera laciniata Hill - **cutleaf evening primrose**

Oenothera nuttallii Sweet - **Nuttall's evening primrose**

Oenothera oakesiana (A. Gray) Robbins ex. S. Wats. & J.M. Coult. - **Oak's evening primrose**

Oenothera parviflora L. - **northern evening primrose**

Oenothera parviflora var. *oakesiana* (A. Gray) Fernald

Oenothera perennis L. - **little evening primrose**

Oenothera pilosella Raf. - **meadow evening primrose**

Oenothera rhombipetala Nuttall ex Torrey & A. Gray - **fourpoint evening primrose**

Oenothera villosa subsp. strigosa (Rydb.) W. Dietr. & P.H. Raven

Oenothera villosa subsp. villosa

OPHIOGLOSSACEAE

Botrychium acuminatum W.H. Wagner - **tailed grape fern**

restricted to Lake Superior region; known only from Cook Co. (last collected 1999); special concern

Botrychium ascendens W.H. Wagner - **trianglelobe moonwort**

known only from mine dumps in Crow Wing Co. (and one location in St. Louis Co.); disjunct from the western montane region and Hudson Bay; endangered

Botrychium campestre W.H. Wagner & Farrar - **Iowa moonwort**

Botrychium crenulatum W. H. Wagner - **scalloped moonwort**

reported but no specimens deposited at MIN; DNR watch list

Botrychium dissectum - **cutleaf grape fern**

Botrychium gallicomontanum Farrar & Johnson-Groh - **Frenchman's Bluff grape fern**

"previously thought to be endemic to Minnesota (fide D. Farrar a population also exists in MT); endangered"

Botrychium hesperium (Maxon & R.T. Clausen) W.H. Wagner & Lellinger - **western moonwort**

one specimen previously identified by W.H. Wagner as possibly this species, was later annotated as coming from a population of *B. matricariifolium*. *Botrychium hesperium* is known from the Thunder Bay area of Ontario and Upper Peninsula MI; erroneous record

Botrychium lanceolatum subsp. angustisegmentum (Pease & A.H. Moore) R.T. Clausen - **lanceleaf grape fern**

Botrychium lineare W.H. Wagner - **narrowleaf grape fern**

Wagner & Wagner did not include this species in their treatment for FNA; known only from mine dumps in St. Louis Co. (collected 2007); disjunct from MT; endangered

Botrychium lunaria (L.) Swartz - **common moonwort**

Botrychium matricariifolium (Dill) A. Braun ex W.D.J. Koch - **matricary grape fern**

Botrychium michiganense W.H. Wagner ex A.V. Gilman, Farrar & Zika - **Michigan moonwort**

Botrychium minganense Victorin - **Mingan moonwort**

Botrychium mormo W.H. Wagner - **little goblin moonwort**

Botrychium multifidum (S.G. Gmelin) Ruprecht - **leathery grape fern**

Botrychium neolunaria

unpublished

Botrychium oneidense (Gilbert) House - **bluntlobe grape fern**

western limit of distribution; threatened

Botrychium pallidum W.H. Wagner - **pale botrychium**

mostly limited to upper Great Lakes region; special concern

Botrychium pedunculatum W.H. Wagner - **stalked moonwort**

Botrychium pseudopinnatum W.H. Wagner - **false daisyleaf moonwort**

range extension from Ontario; known only from St. Louis County (only known specimen at DUL)

Botrychium rugulosum W.H. Wagner - **ternate grape fern**

western limit of distribution; special concern

Botrychium simplex E. Hitchcock - **little grape fern**

Botrychium spathulatum W.H. Wagner - **spatulate botrychium**

known only from Crow Wing and Cook counties; endangered

Botrychium virginianum (L.) Swartz - **rattlesnake fern**

Ophioglossum pusillum Rafinesque - **northern adder's tongue**

ORCHIDACEAE

Amerorchis rotundifolia (Banks ex Pursh) Hulþn - **roundleaf orchid**

Aplectrum hyemale (Muhlenberg ex Willdenow) Torrey - **adam and eve**

Arethusa bulbosa L. - **dragon's-mouth**

Calopogon oklahomensis D.H. Goldman - **Oklahoma grasspink**

Calopogon tuberosus var. *tuberosus* - **tuberous grasspink**

Calypso bulbosa var. *americana* (R. Brown) Luer - **fairy slipper**

Coeloglossum viride (L.) Hartman - **longbract frog orchid**

vars. not recognized

Corallorhiza maculata var. *maculata*

Corallorhiza maculata var. *occidentalis* (Lindley) Ames

Corallorhiza odontorhiza (Willdenow) Poirer

Corallorhiza odontorhiza var. *odontorhiza* - **autumn coralroot**

Corallorhiza striata var. *striata* - **hooded coralroot**

Corallorhiza trifida Chtelain - **yellow coralroot**

Cypripedium acaule Aiton - **moccasin flower**

may cause skin irritation

Cypripedium arietinum R. Brown - **ram's head lady's slipper**

may cause skin irritation; threatened

Cypripedium candidum Muhlenberg ex Willdenow - **white lady's slipper**

may cause skin irritation; special concern

Cypripedium parviflorum Salisbury - **greater yellow lady**

may cause skin irritation

Cypripedium parviflorum var. *makasin* (Farwell) Sheviak - **greater yellow lady's slipper**

Cypripedium parviflorum var. *parviflorum* - **greater yellow lady's slipper**

misapplied; see *Cypripedium parviflorum* var. *makasin*

Cypripedium parviflorum var. *pubescens* (Willdenow) O.W. Knight - **greater yellow lady's slipper**

Cypripedium reginae Walter - **showy lady's slipper**

may cause skin irritation

Cypripedium x andrewsii var. *andrewsii* - **Andrews's lady-slipper**

report unverified

Cypridium x andrewsii var. *favillianum* (J. T. Curtis) B. Boivin - **Andrews's lady-slipper**

Epipactis helleborine (L.) Crantz - **broadleaf helleborine**

Galearis spectabilis (L.) Rafinesque - **showy orchid**

Goodyera pubescens (Willdenow) R. Brown - **downy rattlesnake plantain**

Goodyera repens (L.) R. Brown - **lesser rattlesnake plantain**
vars. not recognized

Goodyera tessellata Loddiges - **checkered rattlesnake plantain**

Habenaria hyperborea (L.) R. Br. - **northern green orchid**
misapplied; see *Platanthera aquilonis* or *Platanthera huronensis*

Liparis liliifolia (L.) Richard ex Lindley - **brown widelip orchid**

Liparis loeselii (L.) Richard - **yellow widelip orchid**

Listera auriculata Wiegand - **auricled twayblade**
western limit of distribution; endangered

Listera convallarioides (Swartz) Nuttall ex Elliott - **broadlipped twayblade**
known only from Cook Co. (one population, collected 1924); special concern

Listera cordata var. *cordata* - **heartleaf twayblade**

Malaxis monophyllos (L.) Swartz

Malaxis monophyllos var. *brachypoda* (A. Gray) F. Morris & E.A. Eames - **white adder's-mouth orchid**

Malaxis paludosa (L.) Swartz - **bog adder's-mouth orchid**
southern limit of distribution; endangered

Malaxis unifolia Michaux - **green adder's-mouth orchid**

Platanthera aquilonis Sheviak - **northern green orchid**

Platanthera clavellata (Michaux) Luer - **small green wood orchid**

Platanthera dilatata (Pursh) Lindley ex L.C. Beck

Platanthera dilatata var. *dilatata* - **scentbottle**

Platanthera flava var. *herbiola* (R. Brown) Luer - **palegreen orchid**
northwest limit of distribution; threatened

Platanthera hookeri (Torrey ex A. Gray) Lindley - **Hooker's orchid**

Platanthera huronensis (Nuttall) Lindley - **Huron green orchid**

Platanthera hyperborea (L.) Lindl. - **northern green orchid**
misapplied; see *Platanthera huronensis* or *Platanthera aquilonis*

Platanthera lacera (Michaux) G. Don - **green fringed orchid**

Platanthera obtusata (Banks ex Pursh) Lindley - **bluntleaved orchid**

Platanthera orbiculata (Pursh) Lindley - **lesser roundleaved orchid**

Platanthera praeclara Sheviak & M.L. Bowles - **Great Plains white fringed orchid**
federal Threatened list; endangered

Platanthera psycodes (L.) Lindley - **lesser purple fringed orchid**
vars. not recognized

Pogonia ophioglossoides (L.) Ker Gawler - **snakemouth orchid**

Spiranthes casei var. *casei* - **Case's lady's tresses**

Spiranthes cernua (L.) Richard - **nodding lady's tresses**

Spiranthes lacera var. *gracilis* (Bigelow) Luer - **northern slender lady's tresses**
known only from Hennepin Co. (historical collection from 1889)

Spiranthes lacera var. *lacera* - **northern slender lady's tresses**

Spiranthes magnicamporum Sheviak - **Great Plains lady's tresses**

Spiranthes romanzoffiana Chamisso - **hooded lady's tresses**

Spiranthes x simpsonii Catling & Sheviak - **Simpson's lady's-tresses**
report unverified; see *S. lacera* x *romanzoffiana*

OROBANCHACEAE

Agalinis aspera (Douglas ex Bentham) Britton - **tall false foxglove**

Agalinis auriculata (Michaux) S.F. Blake - **earleaf false foxglove**
northwest limit of distribution; endangered

Agalinis gattingeri (Small) Small - **roundstem false foxglove**
northwest limit of distribution; endangered

Agalinis paupercula var. *borealis* Pennell - **smallflower false foxglove**

Agalinis paupercula var. *paupercula* - **smallflower false foxglove**

Agalinis purpurea (L.) Pennell - **purple false foxglove**

Agalinis tenuifolia var. *macrophylla* (Benth.) S.F. Blake - **slenderleaf false foxglove**

Agalinis tenuifolia var. *parviflora* (Nutt.) Pennell - **slenderleaf false foxglove**

Aureolaria grandiflora var. *pulchra* Pennell - **largeflower yellow false foxglove**
northern limit of distribution; known only from Houston Co. (historical collection from 1899); rare historic record

Aureolaria pedicularia var. *ambigens* (Fernald) Farwell - **fernleaf yellow false foxglove**

Aureolaria pedicularia var. *intercedens* Pennell
known only from Hennepin Co. (historical collection from 1878)

Aureolaria pedicularia var. *pedicularia* - **fernleaf yellow false foxglove**
report unverified

Castilleja coccinea (L.) Sprengel - **scarlet Indian paintbrush**

Castilleja septentrionalis Lindley - **Labrador Indian paintbrush**
southwest limit of distribution; endangered

Castilleja sessiliflora Pursh - **downy paintedcup**

Euphrasia hudsoniana var. *contracta* P.D. Sell & Yeo - **Hudson Bay eyebright**
report unverified

Euphrasia hudsoniana var. *ramosior* Sell & Yeo - **Hudson Bay eyebright**

Euphrasia micrantha - northern eyebright

Euphrasia nemorosa (Pers.) Wallr.

Euphrasia officinalis L. - eyebright

native to Europe; DNR watch list

Euphrasia stricta J.F. Lehm. - drug eyebright

Melampyrum lineare var. *latifolium* (Muhl. ex Britton) Beauverd - narrowleaf cowwheat
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IL

Melampyrum lineare var. *lineare* - narrowleaf cowwheat

Melampyrum lineare var. *pectinatum* (Pennell) Fernald - narrowleaf cowwheat

Orobanche fasciculata Nuttall - clustered broomrape

federal noxious weed; threatened

Orobanche ludoviciana subsp. *ludoviciana* - Louisiana broomrape

federal noxious weed; threatened

Orobanche uniflora L. - oneflowered broomrape

federal noxious weed; threatened

Orthocarpus luteus Nuttall - yellow owl's-clover

Pedicularis canadensis L. - Canadian lousewort

Pedicularis lanceolata Michaux - swamp lousewort

OSMUNDACEAE

Osmunda claytoniana L. - interrupted fern

Osmunda regalis var. *spectabilis* (Willdenow) A. Gray - royal fern

Osmundastrum cinnamomeum (L.) C. Presl - cinnamon fern

(see J.S. Metzgar et al., 2008, Systematic Botany 33(1): 31-36 for discussion of the name change)

OXALIDACEAE

Oxalis dillenii N.J. Jacquin - slender yellow woodsorrel

Oxalis montana Raf. - mountain woodsorrel

Oxalis stricta L. - common yellow oxalis

Oxalis violacea L. - violet woodsorrel

PAPAVERACEAE

Chelidonium majus L. - celandine

native to Eurasia

Eschscholzia californica subsp. *californica* - California poppy

Papaver rhoeas L. - corn poppy

native from Eurasia and west Africa; occasionally found as annual escape but generally not persisting

Papaver somniferum L. - opium poppy

native to Mediterranean region; known only from St. Louis Co. (Duluth area; collected 1978)

Sanguinaria canadensis L. - bloodroot

plant toxic

PEDALIACEAE

Proboscidea louisianica (Mill.) Thell. - ram's-horn

report unverified

PENTHORACEAE

Penthorum sedoides L. - ditch stonecrop

PHRYMACEAE

Mimulus glabratus var. *jamesii* A. Gray - James' monkey flower

Mimulus ringens var. *ringens* - Allegheny monkey flower

Phryma leptostachya L. - American lopseed

PHYTOLACCACEAE

Phytolacca americana var. *americana* - American pokeweed

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

PINACEAE

Abies balsamea (L.) Miller - balsam fir

may cause skin irritation

Abies fraseri (Pursh) Poiret - fraser fir

native to southeastern US; known only from Kanabec Co. (collected 1999), probable escapee from tree farm

Larix decidua Miller - European larch

native to Eurasia

Larix laricina (Du Roi) K. Koch - tamarack

Picea abies (L.) H. Karsten - Norway spruce

native to Europe

Picea glauca (Moench) Voss - white spruce

Picea glauca x *mariana*

Picea mariana (Miller) Britton, Sterns & Poggenburg - black spruce

Picea pungens Engelmann - blue spruce

native to western US; known only from Lake of the Woods Co. (collected 1981), probable escapee from plantation

Picea x *rosendahlia* Little & Pauley

invalid name; see *P. glauca* x *mariana*

Pinus banksiana Lambert - **jack pine**
Pinus resinosa Aiton - **red pine**
Pinus rigida Miller - **pitch pine**
 native to eastern US and Canada; known only from Washington Co. (collected 1960), escapee from plantation
Pinus strobus L. - **eastern white pine**
Pinus sylvestris L. - **Scots pine**
 native to Europe
Pseudotsuga menziesii (Mirbel) Franco - **douglas-fir**
 native to the Pacific Northwest; known only from Winona Co. (collected 1967), escapee from plantation
Tsuga canadensis (L.) Carrjre - **eastern hemlock**

PLANTAGINACEAE

Bacopa rotundifolia (Michaux) R. Wettstein - **disk waterhyssop**
Besseya bullii (Eaton) Rydberg - **Bull's coraldrops**
 northwest limit of distribution; threatened
Callitriche hermaphroditica L. - **northern water-starwort**
Callitriche heterophylla subsp. *heterophylla* - **twoheaded water-starwort**
Callitriche palustris L. - **vernal water-starwort**
Chaenorhinum minus (L.) Lange - **dwarf snapdragon**
 native to Europe
Chelone glabra L. - **white turtlehead**
Chelone obliqua var. *speciosa* Pennell & Wherry - **red turtlehead**
Digitalis grandiflora Lamarck - **yellow foxglove**
 native to Europe and western Asia; known only from St. Louis Co. (Duluth area; one weedy population, collected 1997)
Digitalis lanata J.F. Ehrhart - **Grecian foxglove**
 native to southern Europe; known only from Washington Co. (last collected 1999); known to be invasive
Gratiola neglecta Torrey - **clammy hedgehyssop**
Hippuris vulgaris L. - **clammy hedgehyssop**
Leucospora multifida (Michx.) Nutt. - **narrowleaf paleseed**
 report unverified
Limosella aquatica L. - **water mudwort**
Linaria dalmatica subsp. *dalmatica*
 native to eastern Mediterranean region
Linaria genistifolia (L.) Miller - **broomleaf toadflax**
 native to Europe; known only from Pope Co. (one roadside population, collected 1938)
Linaria texana Scheele - **Canada toadflax**
 reported for Minnesota by the Atlas of the Flora of the Great Plains 1986 but no specimens at MIN; known from Saskatchewan, ND, SD, NE
Linaria vulgaris Miller - **butter and eggs**
 native to Europe
Lindernia dubia var. *anagallidea* (Michaux) T.S. Cooperrider - **yellowseed false pimpernel**
Lindernia dubia var. *dubia* - **yellowseed false pimpernel**
Littorella uniflora (L.) Ascherson
Nuttallanthus canadensis (L.) D.A. Sutton - **Canada toadflax**
Odontites vernus subsp. *serotinus* Corb. - **red bartsia**
Penstemon albidus Nuttall - **white penstemon**
Penstemon digitalis Nuttall ex Sims - **tall slope penstemon**
Penstemon gracilis var. *gracilis* - **lilac penstemon**
Penstemon grandiflorus Nuttall - **large beardtongue**
Penstemon laevigatus Aiton - **eastern smooth beardtongue**
 native to southeastern US; known only from Stearns Co. (collected 1971), possible garden escape; erroneous record
Penstemon pallidus Small - **pale beardtongue**
Penstemon smallii A. Heller - **Small's beardtongue**
Plantago aristata Michaux - **largebracted plantain**
Plantago elongata subsp. *elongata* - **prairie plantain**
Plantago eriopoda Torrey - **redwool plantain**
Plantago lanceolata L. - **narrowleaf plantain**
 native to Eurasia; state DOA restricted weed, 1st collected 1891, Brown and Cook counties
Plantago major L. - **common plantain**
 native to Eurasia
Plantago patagonica N.J. Jacquin - **woolly plantain**
Plantago psyllium L. - **sand plantain**
 native to eastern Mediterranean region
Plantago rugelii var. *rugelii* - **blackseed plantain**
Plantago virginica L. - **Virginia plantain**
 known only from Cook Co. (one population, collected 1944); rare historic record
Pseudolysimachion longifolium (L.) Opiz - **longleaf speedwell**
Veronica americana Schweinitz ex Bentham - **American speedwell**
Veronica anagallis-aquatica L. - **water speedwell**
Veronica arvensis L. - **corn speedwell**
 native to Eurasia
Veronica austriaca subsp. *teucrium* (L.) D.A. Webb - **broadleaf speedwell**
 native to Eurasia; known only from Lake Co. (one lakeshore population, collected 1999)
Veronica longifolia L. - **longleaf speedwell**
 native to Europe

***Veronica officinalis* var. *officinalis* - common gypsyweed**
***Veronica peregrina* var. *peregrina* - neckweed**
***Veronica peregrina* var. *xalapensis* (Kunth) Pennell - hairy purslane speedwell**
***Veronica persica* Poirlet - birdeye speedwell**
 native to southwestern Asia
***Veronica prostrata* L. - prostrate speedwell**
 erroneous report
***Veronica satureifolia* Poiteau & Turpe - basil-leaved speedwell**
 native to Europe; known only from St. Louis Co. (Duluth area; lawn weed, collected 2002)
***Veronica scutellata* L. - skullcap speedwell**
***Veronica serpyllifolia* var. *humifusa* (J.J. Dickson) Syme - brightblue speedwell**
***Veronica serpyllifolia* var. *serpyllifolia* - thymeleaf speedwell**
 native to Europe
***Veronica verna* L. - spring speedwell**
 native to Europe
***Veronicastrum virginicum* (L.) Farwell - culver's root**

POACEAE

***Achnatherum hymenoides* (Roemer & Schultes) Barkworth - Indian ricegrass**
 eastern limit of distribution; endangered
***Agropyron cristatum* (L.) Gaertner - crested wheatgrass**
 native to Eurasia
***Agrostis alba* L. - redtop**
 misapplied to our flora, see *A. gigantea* or *A. stolonifera*
***Agrostis canina* L. - velvet bentgrass**
 erroneous report
***Agrostis gigantea* Roth - redtop**
 native to Eurasia
***Agrostis hyemalis* (Walter) Britton, Sterns & Poggenburg - winter bentgrass**
 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; endangered
***Agrostis perennans* (Walter) E. Tuckerman - upland bentgrass**
***Agrostis scabra* Willdenow - rough bentgrass**
 native to Pacific coastal countries, introduced elsewhere; includes *A. gigantea* which was on the state Special Concern list
***Agrostis stolonifera* L. - creeping bentgrass**
 both native and introduced (from Eurasia) forms may occur but vars. not recognized
***Alopecurus aequalis* var. *aequalis* - shortawn foxtail**
***Alopecurus carolinianus* Walter - Carolina foxtail**
***Alopecurus geniculatus* L. - water foxtail**
 native to Eurasia; reported for Minnesota (southwestern counties) by FNA but no specimens at MIN
***Alopecurus pratensis* L. - meadow foxtail**
 native to Eurasia
***Ammophila breviligulata* subsp. *breviligulata* - American beachgrass**
 western limit of distribution; known only from St. Louis Co. (Duluth area; last collected 1983); threatened
***Andropogon gerardii* Vitman - big bluestem**
***Andropogon hallii* Hackel - sand bluestem**
 native to the Great Plains; introduced with roadside/wildlife plantings
***Anthoxanthum aristatum* Boiss. - annual vernalgrass**
 erroneous report
***Anthoxanthum hirtum* (Schrank) Y. Schouten & Veldkamp - northern sweetgrass**
***Aristida basiramea* Engelman ex Vasey - forked threeawn**
***Aristida dichotoma* var. *curtissii* A. Gray - Curtis's threeawn**
***Aristida dichotoma* var. *dichotoma* - churchmouse threeawn**
 possibly also occurring but no specimens at MIN
***Aristida longespica* var. *geniculata* (Rafinesque) Fernald - slimspike threeawn**
 known only from Anoka Co. (last collected 2005) but probably introduced; endangered
***Aristida longespica* var. *longespica* - slimspike threeawn**
 erroneous report
***Aristida oligantha* Michaux - prairie threeawn**
***Aristida purpurea* var. *longiseta* (Steudel) Vasey - Fendler threeawn**
***Aristida purpurea* var. *purpurea* - purple threeawn**
 possibly also occurring but no specimens at MIN; special concern
***Aristida tuberculosa* Nuttall - seaside threeawn**
***Arrhenatherum elatius* subsp. *bulbosum* (Willdenow) Schübler & G. Martens - tall oatgrass**
 known only from Ramsey Co. (collected 1891)
***Arrhenatherum elatius* subsp. *elatius* - tall oatgrass**
 known only from Hennepin Co. (collected 1943)
***Avena fatua* L. - wild oat**
 native to Eurasia; occasionally persisting near cultivated fields; state DOA noxious (CN) weed
***Avena sativa* L. - common oat**
 native to Eurasia; occasionally persisting near cultivated fields; moderately toxic to livestock
***Avenula hookeri* (Scribner) Holub - spikeoat**
***Avenula pubescens* (Huds.) Dumort. - downy alpine oatgrass**
 erroneous report
***Beckmannia syzigachne* (Steudel) Fernald - American sloughgrass**
***Bouteloua curtipendula* var. *curtipendula* - sideoats gramma**

Bouteloua gracilis (Kunth) Lagasca ex Griffiths - **blue grama**

Bouteloua hirsuta var. *hirsuta* - **hairy grama**

Brachyelytrum aristosum (Michaux) P. Beauvois - **northern shorthusk**

Brachyelytrum erectum (Schreber) P. Beauvois - **bearded shorthusk**

Bromus catharticus var. *catharticus* - **rescuegrass**

Bromus ciliatus L. - **fringed brome**

Bromus hordeaceus subsp. *hordeaceus* - **soft brome**

Bromus inermis Leysser - **smooth brome**
native to Eurasia

Bromus japonicus Thunberg - **field brome**
native to Eurasia

Bromus kalmii A. Gray - **arctic brome**

Bromus latiglumis (Scribner ex Shear) A.S. Hitchcock - **earlyleaf brome**

Bromus pubescens Muhlenberg ex Willdenow - **hairy woodland brome**

Bromus pumpellianus subsp. *pumpellianus* - **Pumpelly's brome**
native to Canada and western US; difficult to distinguish from *B. inermis* (especially) or *B. latiglumis*; previous report from Minnesota based on misidentified specimen, however an unverified report from Norman Co. may be this species

Bromus secalinus L. - **chess**
native to Europe; known only from historical collections (to 1899)

Bromus tectorum L. - **cheatgrass**
native to Eurasia

Buchloe dactyloides (Nuttall) Engelman - **buffalograss**

Calamagrostis canadensis var. *canadensis* - **bluejoint**

Calamagrostis canadensis var. *langsдорffii* (Link) Inman - **bluejoint**

Calamagrostis canadensis var. *macouniana* (Vasey) Stebbins - **Macoun's reedgrass**

Calamagrostis montanensis (Scribner) Vasey - **plains reedgrass**
eastern limit of distribution; special concern

Calamagrostis purpurascens R. Brown - **purple reedgrass**
disjunct from western and northern North America; known only from Cook Co. (last collected 2005); endangered

Calamagrostis stricta (Timm) Koeler - **slimstem reedgrass**

Calamagrostis stricta subsp. *inexpansa* (A. Gray) C.W. Greene - **northern reedgrass**

Calamovilfa longifolia var. *longifolia* - **prairie sandreed**

Catabrosa aquatica (L.) P. Beauvois - **water whorlgrass**
to be expected along the North Dakota border, in wet meadows and along streams

Cenchrus longispinus (Hackel) Fernald - **mat sandbur**
state DOA noxious (CN) weed

Cenchrus spinifex Cavanilles - **coastal sandbur**
disjunct from IL and IA

Cinna arundinacea L. - **sweet woodreed**

Cinna latifolia (Treviranus ex Gppert) Grisebach - **drooping woodreed**

Dactylis glomerata L. - **orchardgrass**
native to Eurasia and Africa

Danthonia spicata (L.) P. Beauvois ex Roemer & Schultes - **poverty oatgrass**

Deschampsia cespitosa subsp. *cespitosa* - **tufted hairgrass**

Deschampsia flexuosa (L.) Trinius - **wavy hairgrass**

Diarrhena obovata (Gleason) Brandenburg - **obovate beakgrain**
known only from Fillmore Co. (last collected 1999); endangered

Dichanthelium aciculare subsp. *angustifolium* (Elliott) Freckmann & Lelong - **needleleaf rosette grass**
disjunct from southern and eastern US; known only from Clearwater Co. (Itasca State Park (collected 1962), probably an introduced waif

Dichanthelium acuminatum subsp. *acuminatum* - **tapered rosette grass**

Dichanthelium acuminatum subsp. *columbianum* (Scribner) Freckmann & Lelong - **tapered rosette grass**

Dichanthelium acuminatum subsp. *fasciculatum* (Torrey) Freckmann & Lelong - **western panicgrass**

Dichanthelium acuminatum subsp. *implicatum* (Scribner) Freckmann & Lelong - **western panicgrass**

Dichanthelium acuminatum subsp. *lindheimeri* (Nash) Freckmann & Lelong - **Lindheimer panicgrass**

Dichanthelium boreale (Nash) Freckmann - **northern panicgrass**

Dichanthelium depauperatum (Muhlenberg) Gould - **starved panicgrass**

Dichanthelium dichotomum (L.) Gould - **cypress panicgrass**
reported for Minnesota by MN-DNR but no specimens at MIN; known from southern WI south- and eastward

Dichanthelium latifolium (L.) Harvill - **broadleaf rosette grass**

Dichanthelium leibergii (Vasey) Freckmann - **Leiberg's panicgrass**

Dichanthelium linearifolium (Scribner) Gould - **slimleaf panicgrass**

Dichanthelium oligosanthes subsp. *oligosanthes* - **Heller's rosette grass**

Dichanthelium oligosanthes subsp. *scribnerianum* (Nash) Freckmann & Lelong - **Scribner's rosette grass**

Dichanthelium ovale subsp. *praecocius* (Hitchcock & Chase) Freckmann & Lelong - **egg-leaf rosette grass**

Dichanthelium ovale subsp. *pseudopubescens* (Nash) Freckmann & Lelong - **whitehair rosette grass**

Dichanthelium ovale subsp. *villosissimum* (Nash) Freckmann & Lelong - **whitehair rosette grass**

Dichanthelium perlongum (Nash) Freckmann - **slimleaf panicgrass**

Dichanthelium sabulorum (Lam.) Gould & C.A. Clark - **western panicgrass**
misapplied to our flora, see *D. acuminatum* subsp. *Implicatum*

Dichanthelium wilcoxianum (Vasey) Freckmann - **fall rosette grass**

Dichanthelium x scoparioides (Ashe) Mohlenbr. - **Shasta panicgrass**
(*D. acuminatum* x *oligosanthes*) reported for Minnesota by USDA-NRCS but no specimens at MIN; this hybrid not reported in FNA

Dichanthelium xanthophysum (A. Gray) Freckmann - **slender rosette grass**

Digitaria cognata (Schultes) Pilger - **fall witchgrass**

Digitaria ischaemum (Schreber) Muhlenberg - **smooth crabgrass**
native to Eurasia

Digitaria sanguinalis (L.) Scopoli - **hairy crabgrass**
native to Eurasia

Distichlis spicata (L.) Greene - **saltgrass**
vars. not recognized

Echinochloa crus-galli (L.) P. Beauvois - **barnyard grass**
native to Eurasia

Echinochloa frumentacea Link - **billion-dollar grass**
native to India; reported from experimental plots in Minnesota, unknown if spreading or persisting

Echinochloa muricata var. *microstachya* Wiegand - **rough barnyard grass**

Echinochloa muricata var. *muricata* - **rough barnyard grass**

Echinochloa walteri (Pursh) A. Heller - **coast cocksbur grass**

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

Eleusine indica (L.) Gaertner - **Indian goosegrass**
native to Africa; occasional weed near cultivated fields

Elyhordeum macounii (Vasey) Barkworth & Dewey - **Macoun's barley**
(*Elymus trachycaulus* x *Hordeum jubatum*)

Elyhordeum montanense (Scrib. ex Beal) Bowden - **mountain barley**
(*Elymus virginicus* x *Hordeum jubatum*) to be expected on disturbed sites if both parents nearby

Elymus canadensis f. *crescendus* Ramaley

Elymus canadensis var. *canadensis* - **Canada wildrye**

Elymus canadensis var. *robustus* (Scribner & J.G. Smith) Mackenzie & Bush - **Canada wildrye**
known only from Chippewa Co. (historical collection from 1894)

Elymus curvatus Piper - **Virginia wildrye**

Elymus diversiglumis - **diverseglume wild rye**

Elymus hystrix L. - **eastern bottlebrush grass**

Elymus interruptus Buckley - **diverseglume wild rye**
misapplied to our flora, see *E. diversiglumis*

Elymus repens (L.) Gould - **quackgrass**
native to Eurasia; state DOA noxious (CN) weed, 1st collected 1886, St. Louis Co.

Elymus riparius Wiegand - **riverbank wildrye**
easily confused with *E. villosus* and possibly *E. diversiglumis*

Elymus trachycaulus subsp. *subsecundus* (Link) A. Löve & D. Löve - **slender wheatgrass**

Elymus trachycaulus subsp. *trachycaulus* - **slender wheatgrass**

Elymus trachycaulus unnamed *polymorphic Group II* - **slender wheatgrasse**
see FNA for discussion

Elymus villosus Muhlenberg ex Willdenow - **hairy wildrye**

Elymus virginicus var. *halophilus* (E.P. Bicknell) Wiegand
presently known only from Cottonwood Co. (however, most specimens of the species not identified to variety)

Elymus virginicus var. *jejunus* (Ramaley) Bush

Elymus virginicus var. *virginicus*

Elymus wiegandii Fernald - **Wiegand's wildrye**

Eragrostis capillaris (L.) Nees - **lace grass**
to be expected in the southeastern corner along the lower Mississippi River (known from IA, WI), on dry sandy riverbanks

Eragrostis cilianensis (Allioni) Vignolo ex Janchen - **stinkgrass**
native to Europe

Eragrostis frankii C.A. Meyer ex Steudel - **sandbar lovegrass**

Eragrostis hypnoides (Lamarck) Britton - **teal lovegrass**

Eragrostis minor Host - **little lovegrass**
native to Europe

Eragrostis pectinacea var. *pectinacea* - **tufted lovegrass**

Eragrostis pilosa var. *perplexa* (L.H. Harvey) S.D. Koch
known only from Pipestone Co. (collected 1931)

Eragrostis pilosa var. *pilosa*
known only from Pipestone Co. (historical collection from 1883)

Eragrostis spectabilis (Pursh) Steudel - **purple lovegrass**

Eragrostis trichodes (Nuttall) Alph. Wood - **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 MO and NE

Eriochloa villosa (Thunberg) Kuntz - **Chinese cupgrass**
native to eastern Asia; state DOA noxious (CN) weed, 1st collected 1967, Blue Earth Co.

Festuca brachyphylla Schultes & Schultes f. - **meadow ryegrass**
misapplied to our flora; see *Schedonorus arundinaceus*; previous reports of this species in Minnesota were based on a broader interpretation of the taxon; ours now to be considered the narrower *F. saximontana*

Festuca longifolia Thuill. - **hard fescue**
misapplied to our flora, see *F. trachyphylla*

Festuca ovina var. *ovina*
misapplied; see *F. saximontana*

Festuca paradoxa Desvaux - **clustered fescue**
known only from Goodhue Co. (historical collection from 1886)

Festuca rubra subsp. *commutata* Gauden - **red fescue**
native to Europe, generally found in lawns but occasionally escaping; possibly occurring in Minnesota

Festuca rubra subsp. *fallax* (Thuillier) Nyman - **red fescue**

native to Europe; possibly occurring in Minnesota

***Festuca rubra* subsp. *rubra* - red fescue**
native to Eurasia

Festuca saximontana Rydberg

***Festuca saximontana* var. *saximontana* - Rocky Mountain fescue**

Festuca subverticillata (Persoon) E.B. Alexeev - **nodding fescue**

Festuca trachyphylla (Hackel) Krajina - **hard fescue**
native to Europe

Glyceria borealis (Nash) Batchelder - **small floating mannagrass**

***Glyceria canadensis* var. *canadensis* - rattlesnake mannagrass**

***Glyceria grandis* var. *grandis* - American mannagrass**

***Glyceria septentrionalis* var. *septentrionalis* - floating mannagrass**
reported for Minnesota by USDA-NRCS and NatureServe but no specimens at MIN; known from adjacent La Crosse Co. WI south- and eastward FNA

Glyceria striata (Lamarck) Hitchcock - **fowl mannagrass**
vars. not recognized

Hesperostipa comata (Trinius & Ruprecht) Barkworth

***Hesperostipa comata* subsp. *comata* - needle and thread**

Hesperostipa curtisetata (Hitchc.) Barkworth - **shortbristle neede and thread**
to be expected in the far northwest corner (known from ND, Manitoba), in prairies; easily confused with *H. comata*

Hesperostipa spartea (Trinius) Barkworth - **porcupinegrass**

***Hordeum jubatum* subsp. *jubatum* - foxtail barley**

Hordeum pusillum Nuttall - **little barley**

***Hordeum vulgare* L. - common barley**
native to Europe

Koeleria macrantha (Ledebour) Schultes - **prairie junegrass**

Koeleria pyramidata (Lam.) P. Beauv. - **prairie junegrass**
misapplied to North American flora, see *K. macrantha*

Leersia lenticularis Michaux - **catchfly grass**

Leersia oryzoides (L.) Swartz - **rice cutgrass**
vars. not recognized

Leersia virginica Willdenow - **whitegrass**

Leptochloa fusca* subsp. *fascicularis (Lamarck) N. Snow - **bearded sprangletop**

Leymus arenarius (L.) Hochstetter - **sand ryegrass**

Leymus cinereus (Scribner & Merrill) Á. Løve - **basin wildrye**
reported for Minnesota by MN-DNR and USDA-NRCS but no specimens at MIN; known only from western Great Plains westward

Leymus racemosus (Lamarck) Tzvelev - **mammoth wildrye**
native to Eurasia; known only from Houston Co. (one riverbank population, collected 1980)

Lolium multiflorum Lamarck - **Italian ryegrass**

***Lolium perenne* L. - perennial ryegrass**
native to Europe

***Lolium temulentum* subsp. *temulentum* - darnel ryegrass**
native to Mediterranean region; known only from Blue Earth Co. (historical collection from 1883)

Melica nitens (Scribner) Nuttall ex Piper - **threeflower melicgrass**
northwest limit of distribution; threatened

Milium effusum* var. *cisatlanticum Fernald - **American milletgrass**

Miscanthus sacchariflorus (Maximowicz) Bentham - **amur silvergrass**
native to eastern Asia; potentially invasive (first recorded naturalized population collected in 1977 in LeSueur Co.)

Muhlenbergia asperifolia (Nees & Meyen ex Trinius) Parodi - **scratchgrass**

Muhlenbergia cuspidata (Torrey) Rydberg - **plains muhly**

Muhlenbergia frondosa (Poiret) Fernald - **wirestem muhly**
state DOA noxious (CN) weed

Muhlenbergia glomerata (Willdenow) Trinius - **spiked muhly**

Muhlenbergia mexicana* var. *filiformis (Torrey) Scribner - **Mexican muhly**

***Muhlenbergia mexicana* var. *mexicana* - Mexican muhly**

Muhlenbergia racemosa (Michaux) Britton, Sterns & Poggenburg - **satingrass**

Muhlenbergia richardsonis (Trinius) Rydberg - **mat muhly**

Muhlenbergia schreberi J.F. Gmelin - **nimblewill**

Muhlenbergia sobolifera (Muhl. ex Willd.) Trin. - **rock muhly**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from WI, IL, IA; perhaps to be expected on limestone outcrops in the southeast corner

Muhlenbergia sylvatica (Torrey) Torrey ex A. Gray - **woodland muhly**

Muhlenbergia uniflora (Muhlenberg) Fernald - **bog muhly**

Munroa squarrosa (Nuttall) Torrey - **false buffalograss**
erroneous report

Nassella viridula (Trinius) Barkworth - **green needlegrass**

Oryzopsis asperifolia Michaux - **roughleaf ricegrass**

***Panicum capillare* subsp. *capillare* - witchgrass**

***Panicum dichotomiflorum* subsp. *dichotomiflorum* - fall panicgrass**
state DOA noxious (CN) weed

Panicum flexile (Gattinger) Scribn. - **wiry panicgrass**
reported for Minnesota by USDA-NRCS but no specimens at MIN; known from adjacent states

Panicum leucothrix Nash - **western panicgrass**
misapplied; see *Dichanthelium acuminatum* subsp. *implicatum*

***Panicum miliaceum* subsp. *miliaceum* - broomcorn millet**

Panicum miliaceum* subsp. *ruderales (Kitagawa) Tzvelev - **broomcorn millet**
reported for Minnesota and Wisconsin by USDA-NRCS but no specimens at MIN

Panicum philadelphicum subsp. gattingeri (Nash) Freckmann & Lelong - **Philadelphia panicgrass**
erroneous report

Panicum philadelphicum subsp. philadelphicum - **Philadelphia panicgrass**

Panicum virgatum L. - **switchgrass**
vars. not recognized

Pascopyrum smithii (Rydberg) 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 setaceum var. ciliatifolium (Michx.) Vasey
misapplied to our flora, see var. *muhlenbergii*

Paspalum setaceum var. muhlenbergii (Nash) D.J. Banks

Paspalum setaceum var. stramineum (Nash) D.J. Banks
possibly occurring in Minnesota, known from WI

Pennisetum glaucum (L.) R. Br. - **yellow foxtail**
misapplied; see *S. pumila*

Phalaris arundinacea L. - **reed canarygrass**
disagreement exists as to whether native or alien forms occur; USDA-NRCS considers this a native

Phalaris canariensis L. - **annual canarygrass**
native to southern Europe; introduced with bird seed but doubtfully persisting

Phleum pratense subsp. pratense - **timothy**
native to Europe

Phragmites australis subsp. americanus Saltonstall - **American common reed**

Phragmites australis subsp. australis - **European common reed**
native to Europe

Piptatherum canadense (Poirlet) Dorn - **Canadian ricegrass**
range extension from Manitoba and WI; threatened

Piptatherum pungens (Torrey) Dorn - **mountain ricegrass**

Piptatherum racemosum (Smith) Eaton - **blackseed ricegrass**

Poa alpina subsp. alpina - **alpine bluegrass**
report from Lake Co. not yet verified

Poa alsodes A. Gray - **grove bluegrass**

Poa annua L. - **annual bluegrass**
native to Eurasia

Poa arida Vasey - **plains bluegrass**

Poa bulbosa subsp. vivipara (Koeler) Arcangeli - **bulbous bluegrass**
native to Europe

Poa chaixii Villars - **broadleaf bluegrass**
native to northern Europe; known only from St. Louis Co. (Duluth area; last collected 1949)

Poa compressa L. - **Canada bluegrass**
native to Europe

Poa glauca Vahl - **glaucous bluegrass**

Poa glauca subsp. glauca

Poa interior Rydberg - **inland bluegrass**

Poa nemoralis L. - **wood bluegrass**
native to Europe; known only from St. Louis Co. (last collected 1945)

Poa paludigena Fernald & Wiegand - **bog bluegrass**
northwest limit of distribution; threatened

Poa palustris L. - **waterfowl meadow grass**

Poa pratensis subsp. agassizensis (B. Boivin & D. Löve) Roy L. Taylor & MacBryde - **Kentucky bluegrass**
habitat: prairies; possibly native or a derivative of cultivated forms

Poa pratensis subsp. angustifolia (L.) Lejeune - **Kentucky bluegrass**
native to western Eurasia

Poa pratensis subsp. pratensis - **Kentucky bluegrass**
widespread; probably not native

Poa saltuensis subsp. languida (Hitchcock) A. Haines - **oldpasture bluegrass**

Poa saltuensis subsp. saltuensis - **oldpasture bluegrass**

Poa secunda subsp. juncifolia (Scribner) Soreng - **Sandberg bluegrass**
reported for Minnesota by USDA-NRCS and NatureServe but no specimens at MIN; known from ND, SD, and Canada

Poa sylvestris A. Gray - **woodland bluegrass**

Poa trivialis subsp. trivialis - **rough bluegrass**
native to Europe

Poa wolfii Scribner - **Wolf's bluegrass**

Polypogon monspeliensis (L.) Desfontaines - **annual rabbitsfoot grass**
native of Europe; known only from Polk Co. (one agricultural population, collected 1993), doubtfully persisting annual

Psathyrostachys juncea (Fischer) Nevski - **Russian wildrye**
native to Asia; known only from Goodhue Co. (one roadside population, collected 1977); reports in FNA from southwestern counties not verified

Puccinellia distans (Jacquin) Parlato - **weeping alkaligrass**
native to Eurasia

Puccinellia nuttalliana (Schultes) Hitchcock - **Nuttall's alkaligrass**

Schedonardus paniculatus (Nuttall) Trelease - **tumblegrass**

Schedonorus arundinaceus (Schreber) Dumortier - **meadow ryegrass**
native to Eurasia

Schedonorus pratensis (Hudson) P. Beauvois - **meadow fescue**
native to Europe

Schizachne purpurascens (Torrey) Swallen - **false melic**
vars. not recognized

Schizachyrium scoparium (Michaux) Nash
Schizachyrium scoparium var. *scoparium* - little bluestem
Scolochloa festucacea (Willdenow) Link - common rivergrass
Secale cereale L. - cereal rye
 native to Europe
Setaria faberi R.A.W. Herrmann - Japanese bristlegrass
 native to China; state DOA noxious (CN) weed, 1st collected 1957, Blue Earth Co.
Setaria italica (L.) P. Beauvois - foxtail bristlegrass
 native to Eurasia
Setaria lutescens (Weigel) Hubbard - yellow foxtail
 misapplied to North American flora, see *S. pumila*
Setaria pumila (Poir.) Roemer & Schultes - yellow foxtail
 native to Europe
Setaria pumila subsp. *pallidifusca* (Schumacher) B.K. Simon - cattail grass
 known only from Anoka Co. (one road edge population, collected 2010)
Setaria pumila subsp. *pumila*
Setaria verticillata (L.) P. Beauvois - hooked bristlegrass
 native to Europe
Setaria viridis var. *major* (Gaudin) Petermann - green bristlegrass
Setaria viridis var. *viridis* - green bristlegrass
Sorghastrum nutans (L.) Nash - Indiangrass
Sorghum bicolor (L.) Moench - Sudan grass
Sorghum bicolor subsp. *drummondii* (Nees ex Steud.) de Wet & Harlan - Sudan grass
Sorghum x almum Parodi - Columbus grass
 (*S. bicolor* x *halepense*) native to Argentina; state DOA listed weed; reported for Minnesota by MN-DNR but no specimens at MIN; known from Dane Co. WI
Spartina gracilis Trinius - alkali cordgrass
Spartina pectinata Link - prairie cordgrass
Sphenopholis intermedia (Rydberg) Rydberg - slender wedgescale
Sphenopholis obtusata (Michaux) Scribner - prairie wedgescale
Sporobolus compositus var. *compositus* - composite dropseed
Sporobolus cryptandrus (Torrey) A. Gray - sand dropseed
 vars. not recognized
Sporobolus heterolepis (A. Gray) A. Gray - prairie dropseed
Sporobolus neglectus Nash - puffsheath dropseed
Sporobolus vaginiflorus var. *vaginiflorus* - poverty dropseed
Torreyochloa pallida (Torrey) G.L. Church
Torreyochloa pallida subsp. *fernaldii* (Hitchcock) Dore - Fernald's false mannagrass
Torreyochloa pallida subsp. *pallida* - pale false mannagrass
Tridens flavus var. *flavus* - purpletop tridens
 reported for Minnesota by USDA-NRCS but no specimens at MIN; known from IA, WI; perhaps to be expected in the far southeastern corner
Triplasis purpurea var. *purpurea* - purple sandgrass
Trisetum spicatum (L.) K. Richter - spike trisetum
Triticum aestivum L. - common wheat
 native to Eurasia; occasionally persisting near cultivated fields
Vulpia octoflora var. *glauca* (Nuttall) Fernald - sixweeks fescue
Vulpia octoflora var. *octoflora* - sixweeks fescue
 widespread in US and reported for Minnesota by Flora of the Great Plains 1986 (one specimen from Anoka Co., collected 1915, exhibits some of the characteristics of this variety)
Zea mays L. - corn
 occasionally found along roadsides in farming areas; not persisting
Zizania aquatica var. *aquatica* - annual wildrice
 reported for western counties by FNA but probably based on misidentified specimens; no specimens at MIN; DNR watch list
Zizania palustris var. *interior* (Fassett) Dore - northern wildrice
Zizania palustris var. *palustris* - northern wildrice

PODOSTEMACEAE

Podostemum ceratophyllum Michaux - hornleaf riverweed
 reported for Minnesota by USDA-NRCS but no specimens at MIN; known from ND, Ontario, MI

POLEMONIACEAE

Collomia linearis Nuttall - tiny trumpet
Phlox divaricata subsp. *laphamii* (A.W. Wood) Wherry - Lapham's phlox
Phlox drummondii Hooker - annual phlox
 reported for Minnesota by Ownbey & Morley 1991 as a rare garden escape; doubtfully persisting annual
Phlox drummondii subsp. *drummondii* - annual phlox
 report unverified
Phlox maculata subsp. *maculata* - wild sweetwilliam
Phlox paniculata L. - fall phlox
 native to eastern US
Phlox pilosa subsp. *fulgida* (Wherry) Wherry - downy phlox
Phlox subulata var. *subulata* - moss phlox
 native to eastern US
Polemonium caeruleum L. - charity
 native to Europe; reported for Minnesota by Lakela 1965 but no specimens at MIN; erroneous record
Polemonium occidentale subsp. *lacustre* Wherry - western polemonium

Polemonium occidentale subsp. *occidentale* - western polemonium

Polemonium reptans var. *reptans* - Greek valerian

POLYGALACEAE

Polygala cruciata var. *aquilonia* Fernald & B.G. Schub. - drumheads

Polygala paucifolia Willdenow - gaywings

Polygala polygama Walter

Polygala sanguinea L. - purple milkwort

Polygala senega L. - Seneca snakeroot

Polygala verticillata var. *isocycla* Fernald - whorled milkwort

POLYGONACEAE

Bistorta vivipara (L.) Delarbre - alpine bistort

reproduces mostly asexually; threatened

Eriogonum annuum Nuttall - annual 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 - buckwheat

native to China

Fallopia cilioidis (Michaux) Holub - fringed black bindweed

Fallopia convolvulus (L.) Á. Løve - black-bindweed

native to Eurasia; state DOA noxious (CN) weed, 1st collected 1879, Cook Co.

Fallopia dumetorum (L.) Holub - corpse bindweed

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 var. *japonica* - Japanese knotweed

native to southeast Asia

Fallopia sachalinensis (F. Schmidt) Ronse Decr. - giant knotweed

erroneous report

Fallopia scandens (L.) Holub - climbing false buckwheat

Fallopia x bohémica (Chrték & Chrtková) - Bohemian knotweed

(*F. japonica* x *sachalinensis*) native to Europe; known only from St. Louis Co. (Duluth area; collected 2000); easily confused with *Fallopia sachalinensis* and only recently was the hybrid distinguished from the parents

Persicaria amphibia (L.) Delarbre

vars. Not formally recognized in FNA but acknowledged as being somewhat distinctive

Persicaria arifolia (L.) K. Haraldson - halberdleaf tearthumb

Persicaria bungeana (Turczaninow) Nakai - Bunge's smartweed

native to Eurasia

Persicaria careyi (Olney) Greene - Carey's smartweed

western limit of distribution; known only from Carlton Co. (one roadside population, collected 1940); special concern

Persicaria hydropiper (L.) Spach - marshpepper knotweed

native to Europe; oily glands can cause skin irritation; sometimes confused with *P. punctata*

Persicaria hydropiperoides (Michaux) Small - swamp smartweed

highly variable in appearance; rare historic record

Persicaria lapathifolia (L.) A. Gray - curlytop knotweed

highly variable in appearance

Persicaria longisetata (Brujin) Kitagawa - Oriental lady's thumb

native to eastern Asia; reported for Minnesota by Ownbey & Morley 1991 and FNA but no specimens at MIN

Persicaria maculosa A. Gray - spotted lady's thumb

native to Eurasia, Africa and Oceania; state DOA noxious (CN) weed, 1st collected 1877, Hennepin Co.; may cause skin irritation

Persicaria minor (Huds.) Opiz - pygmy smartweed

Persicaria orientalis (L.) Spach - kiss me over the garden gate

native to India

Persicaria pennsylvanica (L.) M. G. - Pennsylvania smartweed

state DOA noxious (CN) weed; highly variable in appearance; may cause skin irritation

Persicaria punctata (Elliott) Small - dotted smartweed

vars. not recognized

Persicaria sagittata (L.) H. Gross - arrowleaf tearthumb

highly variable in appearance

Persicaria virginiana (L.) Gaertner - jumpseed

Polygonella articulata (L.) Meisner - coastal jointweed

Polygonum achoreum S.F. Blake - leathery knotweed

Polygonum aviculare subsp. *aviculare* - prostrate knotweed

native to Eurasia

Polygonum aviculare subsp. *buxiforme* (Small) Costea & Tardif - box knotweed

Polygonum aviculare subsp. *depressum* (Meisner) Arcangeli - prostrate knotweed

native to Europe

Polygonum aviculare subsp. *neglectum* (Besser) Arcangeli - narrowleaf knotweed

native to Europe

Polygonum aviculare subsp. *rurivagum* (Jord. ex Boreau) Berher

native to Europe; possibly occurring in Minnesota, known from IA, SD, and Manitoba, in disturbed places

Polygonum cespitosum Blume - Oriental lady's thumb

misapplied; see *Persicaria longisetata*

Polygonum douglasii Greene - Douglas' knotweed

Polygonum erectum L. - erect knotweed

Polygonum ramosissimum subsp. *prolificum* (Small) Costea & Tardif - bushy knotweed

known only from Lac Qui Parle Co. (collected 1988)

Polygonum ramosissimum subsp. *ramosissimum* - bushy knotweed

Polygonum tenue Michaux - pleatleaf knotweed

Rheum rhabarbarum L. - garden rhubarb

native to Siberia; leaf blades toxic to humans and animals

Rumex acetosa L. - garden sorrel

native to Eurasia and northwest Africa; occasionally misidentified as *R. acetosella*

Rumex acetosella L. - common sheep sorrel

native to Eurasia; polyploidy complex highly variable in appearance

Rumex alpinus L. - Munk's rhubarb

native to Eurasia; known only from Cook Co. (collected 1977); only known specimen at UWSP

Rumex altissimus Alph. Wood - pale dock

Rumex britannica L. - greater water dock

Rumex crispus L. - curly dock

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

Rumex fueginus Philippi - golden dock

frequently misidentified as *R. maritimus*, which is native to Eurasia and known from Alaska and Yukon and rarely appearing elsewhere

Rumex longifolius de Candolle - dooryard dock

native to Eurasia

Rumex mexicanus

misapplied to our flora, see *R. triangulivalvis*; misapplied name

Rumex obtusifolius L. - bitter 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, IA; weedy in wet meadows, bogs, on riverbanks, etc.; frequently misidentified as *R. longifolius*

Rumex patientia L. - patience dock

native to Eurasia

Rumex pseudonatronatus (Borb) - field dock

native to Eurasia; frequently misidentified as *R. longifolius* and sometimes *R. crispus*

Rumex salicifolius Weinmann

misapplied to our flora, see *R. triangulivalvis*; misapplied name

Rumex sanguineus L. - redvein dock

native to Africa and Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN

Rumex stenophyllus Ledebour - narrowleaf dock

native to Eurasia

Rumex thyrsiflorus Fingerhuth - garden sorrel

Rumex triangulivalvis (Danser) Rechinger f. - Mexican 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

Rumex x pratensis Mert. & W.D.J. Koch - dock

(*R. crispus* x *obtusifolius*) common sterile hybrid to be expected on disturbed sites if parents nearby

POLYPODIACEAE

Polypodium virginianum L. - rock polypody

PONTERIACEAE

Eichhornia crassipes (Mart.) Solms - common water hyacinth

native to tropical Americas; reported from Winona Co. but no specimens at MIN; unlikely to be persisting

Heteranthera dubia (Jacquin) MacMillan - grassleaf mudplantain

Heteranthera limosa (Swartz) Willdenow - blue mudplantain

northeast limit of distribution; threatened

Pontederia cordata L. - pickerelweed

PORTULACACEAE

Claytonia caroliniana Michaux - Carolina springbeauty

Claytonia virginica L. - Virginia springbeauty

Montia chamissoi (Ledebour ex Sprengel) Greene - water minerslettuce

disjunct from Rocky Mountains; known only from Winona Co. (last collected 1985); endangered

Phemeranthus parviflorus (Nuttall) Kiger - sunbright

Phemeranthus rugospermus (Holzinger) Kiger - prairie fameflower

northern limit of distribution; threatened

Portulaca grandiflora Hooker - rose moss

native to South America; reported for Minnesota by FNA as escaping and naturalizing near gardens but no specimens at MIN

Portulaca oleracea L. - 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

POTAMOGETONACEAE

Potamogeton alpinus Balbis - alpine pondweed

vars. not recognized

Potamogeton amplifolius Tuckerman - largeleaf pondweed

Potamogeton bicupulatus Fernald - snailseed pondweed

disjunct from eastern US; endangered

Potamogeton confervoides Reichenbach - Tuckerman's pondweed

westernmost limit of distribution, known only from St. Louis Co. (one population, collected 2008); DNR watch list

Potamogeton crispus L. - curly pondweed
native to Eurasia; on MN-DNR Prohibited Invasive Species list; 1st collected 1929, Hennepin Co.

Potamogeton diversifolius Rafinesque - waterthread pondweed

Potamogeton epihydrus - ribbonleaf pondweed

Potamogeton foliosus subsp. foliosus - leafy pondweed

Potamogeton friesii Ruprecht - Fries' pondweed

Potamogeton gramineus L. - variableleaf pondweed

Potamogeton illinoensis Morong - Illinois pondweed

Potamogeton lateralis
invalid name

Potamogeton natans L. - floating leaf pondweed

Potamogeton nodosus Poirlet - longleaf pondweed

Potamogeton oakesianus J.W. Robbins - Oakes' pondweed

Potamogeton obtusifolius Mertens & W.D.J. Koch - bluntleaf pondweed

Potamogeton praelongus Wulfen - whitestem pondweed

Potamogeton pulcher Tuckerman - spotted pondweed
disjunct from eastern US; known only from Clearwater (collected 2007) and Cass (collected 2008) counties; endangered

Potamogeton pusillus subsp. pusillus - small pondweed

Potamogeton pusillus subsp. tenuissimus (Mertens & W.D.J. Koch) R.R. Haynes & Hellquist - small pondweed

Potamogeton richardsonii (A. Bennett) Rydberg - Richardson's pondweed

Potamogeton robbinsii Oakes - Robbins' pondweed

Potamogeton spirillus Tuckerman - spiral pondweed

Potamogeton strictifolius A. Bennett - narrowleaf pondweed

Potamogeton vaseyi J.W. Robbins - Vasey's pondweed

Potamogeton x haynesii Hellquist & G.E. Crow - Haynes' hybrid pondweed
(P. strictifolius x zosteriformis) only known specimen from Minnesota deposited at GH; DNR watch list

Potamogeton x spathuliformis (J.W. Robbins) Morong - spoon pondweed
(P. gramineus x illinoensis) known only from St. Louis Co. (collected 1940)

Potamogeton zosteriformis Fernald - flatstem pondweed

Stuckenia filiformis (Persoon) ßrner - fine leaf pondweed

Stuckenia filiformis subsp. alpina (Blytt) R.R. Haynes, Les, & M. Král - fineleaf pondweed

Stuckenia filiformis subsp. occidentalis (J.W. Robbins) R.R. Haynes, Les, & M. Král - western fineleaf pondweed

Stuckenia pectinata (L.) ßrner - sago pondweed

Stuckenia vaginata (Turczaninow) Holub - sheathed pondweed
last collected 1956; endangered

Zannichellia palustris L. - horned pondweed

PRIMULACEAE

Androsace occidentalis Pursh - western rockjasmine

Androsace septentrionalis L. - pygmyflower rockjasmine

Dodecatheon amethystinum (Fassett) Fassett - jeweled shooting star

Dodecatheon meadia L. - pride of Ohio

Dodecatheon radicans Greene - jeweled shooting star
misapplied; see D. amethystinum

Primula fassettii Mast & Reveal - jeweled shooting star
known only from the southeastern corner of the state; DNR watch list

Primula meadia (L.) Mast & Reveal - pride of Ohio
known only from Mower Co. (last collected 2008); endangered

Primula mistassinica Michaux - Mistassini primrose
vars. not recognized

PTERIDACEAE

Adiantum pedatum L. - northern maidenhair

Cheilanthes feei T. Moore - slender lip fern

Cheilanthes lanosa (Michaux) D.C. Eaton - hairy lip fern
erroneous report

Cryptogramma stelleri (S.G. Gmelin) Prantl - fragile rockbrake

Pellaea atropurpurea (L.) Link - purple cliffbrake

Pellaea glabella subsp. glabella - smooth cliffbrake

RANUNCULACEAE

Aconitum napellus L. - Venus' chariot
native to Europe; known only from Cook Co. (one roadside population, collected 1975)

Actaea pachypoda Elliott - doll
plants poisonous

Actaea rubra (Aiton) Willdenow - red baneberry
plants poisonous

Anemone acutiloba (de Candolle) G. Lawson - sharplobe hepatica

Anemone americana (de Candolle) H. Hara - roundlobe hepatica

Anemone canadensis L. - Canadian anemone

Anemone caroliniana Walter - Carolina anemone

Anemone cylindrica A. Gray - candle anemone

Anemone halleri Allioni - glacial anemone
native to Europe; known only from Freeborn Co. (collected 1995), introduced with prairie planting

Anemone multifida var. multifida - Pacific anemone
known only from Mahanomen Co. (one roadside population, collected 1941); rare historic record

Anemone patens L. - cutleaf anemone

Anemone patens var. multifida Pritzel - eastern pasque flower
plants poisonous

Anemone quinquefolia var. quinquefolia - two leaf anemone

Anemone virginiana var. alba (Oakes) A.W. Wood - tall thimbleweed

Anemone virginiana var. cylindroidea B. Boivin - tall thimbleweed
reported for northern Minnesota by FNA but no specimens at MIN; known from Saskatchewan and Manitoba

Anemone virginiana var. virginiana - tall thimbleweed

Aquilegia brevistyla Hooker - smallflower columbine
erroneous report

Aquilegia canadensis L. - red columbine

Aquilegia vulgaris L. - European columbine
native to Europe; reported as a garden escape for Minnesota by FNA but no specimens at MIN

Caltha natans Pallas - floating marsh marigold
southern limit of distribution; known only from St. Louis Co.; endangered

Caltha palustris L. - yellow marsh marigold

Ceratocephala testiculata (Crantz) Roth - curvseed buttercup
invalid name; see *Ranunculus testiculatus*

Clematis occidentalis (Hornem.) DC.

Clematis occidentalis var. occidentalis - western blue virginsbower

Clematis recta L. - ground virginsbower

Clematis terniflora de Candolle - sweet autumn virginsbower
native to eastern Asia; known only from St. Louis Co. (Duluth area; one population, collected 1995)

Clematis virginiana L. - devil's darning needles
may cause severe skin irritation

Consolida ajacis (L.) Schur - doubtful knight's-spur
native to Europe and Africa; known only from Polk Co. (historical collection from 1882), probably escaped from cultivation

Coptis trifolia (L.) Salisbury - threeleaf goldthread

Delphinium carolinianum Walter

Delphinium carolinianum subsp. virescens (Nuttall) R.E. Brooks - Carolina larkspur
plants toxic

Delphinium tricorne Michx. - dwarf larkspur
erroneous report

Enemion biternatum Rafinesque - eastern false rue anemone

Hydrastis canadensis L. - goldenseal
northwest limit of distribution; endangered

Myosurus minimus L. - tiny mousetail

Nigella damascena L. - devil in the bush
native to Eurasia; known only from Otter Tail Co. (one weedy population, collected 1975), doubtfully persisting

Ranunculus abortivus L. - littleleaf 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 ambigens S. Wats. - waterplantain spearwort
erroneous report

Ranunculus aquatilis L.

Ranunculus aquatilis var. diffusus Withering - white water crowfoot

Ranunculus cymbalaria Pursh - alkali buttercup
plant highly toxic

Ranunculus fascicularis Muhlenberg ex J.M. Bigelow - early buttercup

Ranunculus flabellaris Rafinesque - yellow water buttercup

Ranunculus flammula var. flammula - greater creeping spearwort
erroneous report

Ranunculus flammula var. ovalis (J.M. Bigelow) L.D. Benson - greater creeping spearwort

Ranunculus flammula var. reptans (L.) E. Meyer - greater creeping spearwort

Ranunculus gmelinii de Candolle - Gmelin's buttercup
vars. not recognized

Ranunculus hispidus var. caricetorum (Greene) T. Duncan - bristly buttercup

Ranunculus hispidus var. nitidus (Chapman) T. Duncan - bristly buttercup

Ranunculus lapponicus L. - Lapland buttercup

Ranunculus macounii Britton - Macoun's buttercup

Ranunculus pedatifidus Sm. - surefoot buttercup
erroneous report

Ranunculus pensylvanicus L. f. - Pennsylvania buttercup

Ranunculus recurvatus var. recurvatus - blisterwort

Ranunculus repens L. - creeping buttercup
native to Eurasia

Ranunculus rhomboideus Goldie - Labrador buttercup

Ranunculus sceleratus var. multifidus Nuttall - cursed buttercup

Ranunculus sceleratus var. sceleratus - cursed buttercup

Ranunculus testiculatus Crantz - curvseed buttercup
native to Eurasia; known only from Rock Co. (collected 1981), doubtfully persisting

Thalictrum confine Fernald

misapplied to our flora, see *T. venulosum*; misapplied name

***Thalictrum dasycarpum* Fischer & Ay Lallemand - purple meadow-rue**

***Thalictrum dioicum* L. - early meadow-rue**

***Thalictrum revolutum* de Candolle - waxyleaf meadow-rue**

although FNA indicates this as widespread in northeastern Minnesota, it is known only from two populations in Lake (collected 1914) and St. Louis (collected 2008) counties; DNR watch list

***Thalictrum thalictroides* (L.) A.J. Eames & B. Boivin - rue anemone**

roots possibly toxic

***Thalictrum venulosum* Trelease - veiny meadow-rue**

RESEDACEAE

***Reseda lutea* L. - yellow mignonette**

native to Mediterranean; invasive and possibly to be expected on disturbed sites; known from Saskatchewan, Manitoba, Ontario, IA, KS, NE, WI

RHAMNACEAE

***Ceanothus americanus* L.**

***Ceanothus herbaceus* Rafinesque - Jersey tea**

***Ceanothus masonii* McMinn - Mason's ceanothus**

erroneous report

***Frangula alnus* Mill. - glossy buckthorn**

***Rhamnus alnifolia* L'Héritier - alderleaf buckthorn**

***Rhamnus cathartica* L. - common buckthorn**

native to Eurasia; state DOA restricted noxious weed, 1st collected 1937, Hennepin Co.

***Rhamnus davurica* Pall. - Dahurian buckthorn**

***Rhamnus frangula* L. - glossy buckthorn**

native to Europe; state DOA restricted noxious weed, 1st collected 1938, Ramsey Co.

ROSACEAE

***Agrimonia eupatoria* L. - churchsteeples**

native of Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN; erroneous record

***Agrimonia gryposepala* Wallroth - tall hairy agrimony**

***Agrimonia pubescens* Wallroth - soft agrimony**

***Agrimonia rostellata* Wallr. - beaked agrimony**

erroneous report

***Agrimonia striata* Michaux - roadside agrimony**

***Amelanchier alnifolia* var. *alnifolia* (Nutt.) Nutt. ex M. Roem. - Saskatoon serviceberry**

***Amelanchier arborea* (Michaux f.) Fernald - common serviceberry**

***Amelanchier bartramiana* (Tausch) M. Roemer - oblongfruit serviceberry**

Amelanchier bartramiana* x *laevis

***Amelanchier humilis* Wiegand - low serviceberry**

***Amelanchier interior* E.L. Nielsen - Pacific serviceberry**

***Amelanchier intermedia* Spach - serviceberry**

***Amelanchier laevis* Wiegand - Allegheny serviceberry**

***Amelanchier sanguinea* (Pursh) DC. - roundleaf serviceberry**

***Amelanchier spicata* (Lamarck) K. Koch - running serviceberry**

***Amelanchier* x *neglecta* Eggleston ex G.N. Jones**

(*A. bartramiana* x *laevis*); invalid name

***Aronia melanocarpa* (Michaux) Elliott - black chokeberry**

***Chamaerhodos erecta* (L.) Bunge - Nuttall's little rose**

***Chamaerhodos erecta* subsp. *nuttallii* (Pickering ex Rydb.) Hultén - Nuttall's little rose**

***Comarum palustre* L. - purple marshlocks**

***Cotoneaster lucidus* Schlechtendal - shiny cotoneaster**

***Crataegus calpodendron* (Ehrhart) Medikus - pear hawthorn**

all sources - recognized taxon for Minnesota; special concern

***Crataegus chrysoarpa* var. *blanchardii* (Sarg.) J.B. Phipps - fireberry hawthorn**

***Crataegus chrysoarpa* var. *chrysoarpa* - red haw**

All sources - recognized taxon for Minnesota

***Crataegus chrysoarpa* var. *faxonii* (Sargent) Eggleston - fireberry hawthorn**

***Crataegus chrysoarpa* var. *praecox* (Sarg.) J.B. Phipps - fireberry hawthorn**

***Crataegus chrysoarpa* var. *vigintistamina* J.B. Phipps - fireberry hawthorn**

***Crataegus coccinea* var. *pringlei* - red haw**

***Crataegus crus-galli* L. - cockspur hawthorn**

USDA-NRCS 2009 – recognized taxon for Minnesota; NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – not included; erroneous record

***Crataegus douglasii* Lindley - black hawthorn**

disjunct from western North America; All sources – recognized taxon for Minnesota; special concern

***Crataegus flabellata* (Bosc ex Spach) K. Koch - fanleaf hawthorn**

USDA-NRCS 2009 – recognized taxon for Minnesota; NatureServe 2009 – recognized taxon but not reported for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – not included; erroneous record

***Crataegus fluviatilis* Sargent - bigfruit hawthorn**

***Crataegus holmesiana* Ashe - Holme's hawthorn**

USDA-NRCS 2009 – recognized taxon for Minnesota; NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – not included

***Crataegus irrasa* Sarg. - Blanchard's hawthorn**

USDA-NRCS 2009 – recognized taxon for Minnesota – erroneously (based on misidentified specimens); NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – not included

Crataegus laurentiana Sarg. - **Laurentian hawthorn**

Crataegus macracantha Loddiges - **fleshy hawthorn**
 USDA-NRCS 2009 – synonym for *C. succulenta*; NatureServe 2009 – not included; ITIS 2009 – synonym for *C. succulenta*; Smith 2008 – recognized taxon for Minnesota

Crataegus macrosperma Ashe - **big fruit hawthorn**
 All sources - recognized taxon for Minnesota

Crataegus mollis* var. *mollis - **downy hawthorn**
 All sources - recognized taxon for Minnesota

Crataegus monogyna* var. *monogyna - **oneseed hawthorn**

Crataegus punctata Jacquin - **dotted hawthorn**
 All sources - recognized taxon for Minnesota

Crataegus scabrida Sargent - **rough hawthorn**
 known only from Houston Co. (Spring Grove area, historical collections from 1902); USDA-NRCS 2009 – recognized taxon for Minnesota; NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – recognized taxon for Minnesota; rare historic record

Crataegus schuettei* var. *cuneata Kruschke ex J.B. Phipps - **Schuette's hawthorn**

Crataegus sheridana A. Nels. - **Great Plains fireberry hawthorn**
 USDA-NRCS 2009 – not included; NatureServe 2009 – not included; ITIS 2009 – not included; Smith 2008 – recognized taxon for Minnesota; known only from Big Stone Co. (collected 1997) but no specimens at MIN

Crataegus submollis Sargent - **Quebec hawthorn**
 All sources – recognized taxon for Minnesota

Crataegus succulenta* var. *succulenta
 All sources – recognized taxon for Minnesota

Dasiphora fruticosa (L.) Rydb. - **shrubby cinquefoil**

Drymocallis arguta (Pursh) Rydb. - **tall cinquefoil**

Filipendula rubra (Hill) B.L. Robinson - **queen of the prairie**
 native from IA, IL, WI and eastward; known only from St. Louis Co. (Duluth area; one population collected 2009); only specimen at DUL

Filipendula ulmaria (L.) Maximowicz - **queen of the meadow**
 native to Eurasia; known only from St. Louis Co.

Fragaria vesca* subsp. *americana Porter - **woodland strawberry**

Fragaria virginiana* subsp. *glauca (S. Watson) Staudt - **Virginia strawberry**

Fragaria virginiana* subsp. *virginiana - **Virginia strawberry**

Geum aleppicum Jacquin - **yellow avens**

Geum canadense* var. *canadense - **white avens**

Geum laciniatum Murray - **rough avens**

Geum macrophyllum* var. *macrophyllum - **largeleaf avens**

Geum macrophyllum* var. *perincisum (Rydb.) Raup - **largeleaf avens**

Geum rivale L. - **water avens**

Geum triflorum* var. *triflorum - **old man's whiskers**

Geum virginianum L. - **cream avens**
 reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IL

Malus baccata* var. *baccata - **Siberian crab apple**

Malus floribunda Siebold ex Van Houtte - **Japanese flowering crab apple**

Malus ioensis* var. *ioensis - **prairie crab apple**

Malus prunifolia (Willd.) Borkh. - **plumleaf crab apple**

Malus pumila Mill. - **paradise apple**

Malus x soulardii (L.H. Bailey) Britton - **Soulard crab**
 (*Malus ioensis* × *pumila*); erroneous record

Physocarpus intermedius (Rydb.) C.K. Schneid. - **Atlantic ninebark**

Physocarpus opulifolius (L.) Maximowicz - **common ninebark**

Potentilla anserina L. - **silverweed cinquefoil**

Potentilla anserina* subsp. *anserina - **silverweed cinquefoil**

Potentilla argentea L. - **silver cinquefoil**
 native to Europe

Potentilla bipinnatifida Douglas - **tansy cinquefoil**

Potentilla effusa* var. *effusa - **branched cinquefoil**
 report unverified

Potentilla fruticosa L. - **shrubby cinquefoil**
 invalid name; see *Dasiphora fruticosa*

Potentilla gracilis* var. *fastigiata (Nuttall) S. Watson - **slender cinquefoil**

Potentilla gracilis* var. *flabelliformis (Lehm.) Nutt. - **slender cinquefoil**

Potentilla hippiana* var. *hippiana - **woolly cinquefoil**

Potentilla inclinata Vill. - **ashy cinquefoil**
 report unverified

Potentilla intermedia L. - **downy cinquefoil**
 native to Eurasia; known only from St. Louis Co. (one resort-grounds population, collected 1950)

Potentilla lasiodonta Rydberg - **sandhills cinquefoil**
 known only from Polk Co. (collected 1940)

Potentilla littoralis Rydberg - **coast cinquefoil**

Potentilla norvegica L. - **Norwegian cinquefoil**

Potentilla pensylvanica L. - **Pennsylvania cinquefoil**

Potentilla pensylvanica* var. *arida B. Boivin - **Pennsylvania cinquefoil**
 some authors include this in var. *bipinnatifida*

Potentilla pulcherrima Lehmann - **beautiful cinquefoil**
 erroneous report

Potentilla recta L. - **sulphur cinquefoil**

native to Europe

Potentilla reptans L. - **creeping cinquefoil**

report unverified

Potentilla rivalis Nuttall - **brook cinquefoil**

Potentilla simplex Michaux - **common cinquefoil**

Potentilla supina subsp. **paradoxa** (Nutt.) Soják - **paradox cinquefoil**

Potentilla verna L. - **spring cinquefoil**

native to Europe; known only from Hennepin Co. (roadside ground cover, collected 2009)

Prunus americana Marshall - **American plum**

seeds contain cyanide compounds

Prunus domestica L. - **European plum**

seeds contain cyanide compounds; cultigen from Europe reported as naturalized by MN-DNR (no further data) and USDA-NRCS but no specimens at MIN

Prunus nigra Aiton - **Canadian plum**

seeds contain cyanide compounds

Prunus pennsylvanica L. f. - **pin cherry**

seeds contain cyanide compounds

Prunus pumila var. **besseyi** (L.H. Bailey) Gleason - **western sandcherry**

Prunus pumila var. **pumila** - **Great Lakes sandcherry**

Prunus pumila var. **susquehanae** (Willd.) H. Jaeger - **Susquehana sandcherry**

Prunus serotina var. **serotina** - **black cherry**

bark, leaves, seeds highly toxic to humans, pets, and especially ruminant livestock

Prunus tomentosa Thunberg - **Nanking cherry**

seeds contain cyanide compounds; native to Asia; naturalized only in Washington Co. (one population, collected 1990)

Prunus triloba Lindley - **flowering plum**

erroneous report

Prunus virginiana var. **virginiana** - **choke cherry**

bark, leaves, seeds highly toxic to humans and livestock

Pyrus ussuriensis Maxim. - **Chinese pear**

Rosa acicularis subsp. **sayi** (Schweinitz) W.H. Lewis - **prickly rose**

Rosa arkansana Porter - **prairie rose**

Rosa blanda Aiton - **smooth rose**

Rosa canina L. - **dog rose**

Rosa carolina var. **carolina** - **Carolina rose**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA, NE

Rosa eglanteria L.

rejected name; see *Rosa rubiginosa*; native to Europe; known only from Dakota Co. (one population, collected 1943)

Rosa ferruginea Vill. - **redleaf rose**

see *Rosa glauca*; uncertain status

Rosa glauca Pourr. - **redleaf rose**

Rosa multiflora Thunberg - **multiflora rose**

native to eastern Asia; known only from Washington Co., reports from national forests unconfirmed

Rosa rubiginosa L.

Rosa rubiginosa var. **rubiginosa** - **sweetbrier rose**

Rosa rugosa Thunberg - **rugosa rose**

native to eastern Asia; known only from Itasca Co. (one roadside population, collected 1958)

Rosa setigera Michx. - **climbing rose**

Rosa spinosissima L. - **Scotch rose**

Rosa woodsii Lindl.

Rosa woodsii var. **woodsii** - **Wood's rose**

Rosa x dulcissima Lunell - **hybrid rose**

(*R. blanda* x *woodsii*)

Rosa x housei (Erlanson) - **House's hybrid rose**

(*R. acicularis* x *blanda*)

Rubus acridens L.H. Bailey -

FNA (in press) – not included; USDA-NRCS 2009 – synonym for *R. kennedyanus*; NatureServe 2009 – not recognized; ITIS 2009 – synonym for *R. kennedyanus*; Smith 2008 – recognized taxon for Minnesota (reported only from northern MN)

Rubus allegheniensis Porter - **Allegheny blackberry**

All sources – recognized taxon for Minnesota (widespread in eastern US)

Rubus arcticus subsp. **acaulis** (Michaux) Fock - **dwarf raspberry**

All sources – recognized taxon for Minnesota (widespread across Canada with extensions into US)

Rubus canadensis L. - **smooth blackberry**

All sources – recognized taxon for Minnesota (common in eastern US and Canada)

Rubus canadensis x pensilvanicus - **showy blackberry**

Rubus chamaemorus L. - **cloudberry**

common across Canada with few extensions into US; All sources – recognized taxon for Minnesota; reported only from the northeastern counties; threatened

Rubus flagellaris Willdenow - **northern dewberry**

All sources – recognized taxon for Minnesota; but species limits defined differently among authors. The common view of this taxon (Alice et al. in press) is of an extremely polymorphic taxon when considered across its range in the US and Canada, with some characters subject to environmental variation and intergradation common among the variants. Some authors (e.g., Smith 2008) take a restricted view and separate the variants as species.

Rubus hispida L. - **bristly dewberry**

FNA (in press) – recognized taxon for Minnesota; known only from along one portage trail in St. Louis Co. (collected 1952); USDA-NRCS 2009 – recognized taxon but not reported for Minnesota; NatureServe 2009 – recognized taxon but not reported for Minnesota; erroneous record

Rubus idaeus subsp. **idaeus** - **American red raspberry**

FNA (in press) – recognized taxon for Minnesota (as garden escape; no specimens at MIN); USDA-NRCS 2009 – recognized taxon for Minnesota (common across much of North America); NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – not included

Rubus idaeus subsp. **strigosus** (Michx.) Focke - **grayleaf red raspberry**

All sources – recognized taxon for Minnesota (Smith 2008 – synonym for var. strigosus (Michx.) Maxim.)

***Rubus illecebrosus* Focke - strawberry raspberry**

native to Japan; FNA (in press) – recognized taxon (but known only from Nova Scotia and Quebec south to WV); USDA-NRCS 2009 – recognized taxon for Minnesota – probably erroneously (no specimens at MIN); NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – not included

***Rubus occidentalis* L. - black raspberry**

All sources – recognized taxon for Minnesota (common in eastern half of US and Canada)

***Rubus parviflorus* Nuttall - thimbleberry**

All sources – recognized taxon for Minnesota (common in western US and Canada; disjunct in central states and provinces)

***Rubus pensilvanicus* Poirlet - Pennsylvania blackberry**

FNA (in press) – recognized taxon for Minnesota; USDA-NRCS 2009 – recognized taxon for Minnesota (common in eastern US and Canada); NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon for Minnesota; Smith 2008 – not included

***Rubus pergratus* Blanch. - smooth blackberry**

FNA (in press) – synonym for *R. canadensis*; USDA-NRCS 2009 – recognized taxon for Minnesota (common from MN and IA to ME and VA); NatureServe 2009 – recognized taxon for Minnesota; ITIS 2009 – recognized taxon; Smith 2008 – not included

***Rubus pubescens* Rafinesque - dwarf red blackberry**

All sources – recognized taxon for Minnesota (widespread in northern US and Canada)

***Rubus quaequis* L.H. Bailey**

FNA (in press) – not included; USDA-NRCS 2009 – not included; NatureServe 2009 – not included; ITIS 2009 – recognized taxon; Smith 2008 – recognized taxon for Minnesota (known only from Carlton Co. and disjunct with WI populations from eastern provinces of Prince Edward Island and New Brunswick; erroneous record

***Rubus repens* L. - robin runaway**

report unverified

***Rubus setosus* Bigelow - setose blackberry**

All sources – recognized taxon for Minnesota (Smith 2008 recognizes *R. setosus* var. *rotundior* Bailey as a synonym for *R. fulleri*)

***Rubus superioris* L.H. Bailey - Vermont blackberry**

FNA (in press) – synonym for *R. setosus*; USDA-NRCS 2009 – synonym for *R. vermontanus*; NatureServe 2009 – not included; ITIS 2009 – synonym for *R. vermontanus*; Smith 2008 – recognized taxon for Minnesota

***Rubus x elegantulus* Blanchard - showy blackberry**

report unverified; (*Rubus canadensis* x *pensilvanicus*)

***Rubus x multiformis* Blanch. - variable blackberry**

(*Rubus flagellaris* x *setosus*)

***Rubus x neglectus* Peck**

(*Rubus idaeus strigosus* x *occidentalis*)

***Rubus x paracaulis* L.H. Bailey - blackberry**

(*Rubus arcticus acaulis* x *pubescens*)

***Rubus x rosendahlia* - northern dewberry**

(*Rubus flagellaris* x *hispidus*)

***Rubus x wisconsinensis* L.H. Bailey - Wisconsin blackberry**

(*Rubus pensilvanicus* x *setosus*)

***Sanguisorba minor* Scop. - small burnet**

***Sanguisorba officinalis* L. - great burnet**

native to the west coast; reported for Minnesota by USDA but no specimens at MIN

***Sibbaldiopsis tridentata* (Aiton) Rydb. - shrubby five-fingers**

***Sorbaria sorbifolia* (L.) A. Braun - false spirea**

***Sorbus americana* Marshall - American mountain ash**

***Sorbus aucuparia* L. - European mountain ash**

native to Europe

***Sorbus decora* (Sargent) C.K. Schneider - northern mountain ash**

***Spiraea alba* var. *alba* - white meadowsweet**

***Spiraea alba* var. *latifolia* (Aiton) Dippel - white meadowsweet**

***Spiraea lucida* Douglas ex Greene - shinyleaf spirea**

report unverified

***Spiraea tomentosa* var. *rosea* (Rafinesque) Fernald - steeplebush**

***Spiraea x billiardii* Hort. ex K.Koch - triumphans bilerd spirea**

(*S. douglasii* x *salicifolia*) native to Allegheny region; known only from St. Louis Co. (Duluth area; collected 2008)

***Spiraea x vanhouttei* (Briot) Carrjre - spiraea**

(*S. cantoniensis* x *trilobata*) native to Europe

***Waldsteinia fragarioides* (Michaux) Trattinnick - Appalachian barren strawberry**

RUBIACEAE

***Cephalanthus occidentalis* L. - common buttonbush**

poisonous to livestock

***Galium aparine* L. - stickywilly**

***Galium asprellum* Michaux - rough bedstraw**

***Galium boreale* L. - northern bedstraw**

***Galium brevipes* - limestone swamp bedstraw**

***Galium circaeazans* var. *hypomalacum* Fernald - licorice bedstraw**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA, NE; DNR watch list

***Galium concinnum* Torrey & A. Gray - shining bedstraw**

***Galium labradoricum* (Wiegand) Wiegand - northern bog bedstraw**

***Galium lanceolatum* Torr. - lanceleaf wild licorice**

reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, Barron and Washburn counties of WI and IL

***Galium mollugo* L. - false baby's breath**

native to Europe

***Galium obtusum* var. *obtusum* - bluntleaf bedstraw**

***Galium odoratum* (L.) Scopoli - sweetscented bedstraw**

native to Europe; known only from Washington Co. (one population, collected 1983)

Galium tinctorium L. - **stiff marsh bedstraw**
Galium trifidum subsp. trifidum L. - **threepetal bedstraw**
Galium triflorum Michaux - **fragrant bedstraw**
Galium verum var. verum - **yellow spring bedstraw**
native to Eurasia
Houstonia canadensis Willd. ex Roem. & Schult. - **Canadian summer bluet**
erroneous report
Houstonia longifolia Gaertn. - **longleaf summer bluet**
Mitchella repens L. - **partridgeberry**

RUPPIACEAE

Ruppia cirrhosa (Petagna) Grande - **spiral ditchgrass**
Ruppia maritima L. - **spiral ditchgrass**
misapplied to our flora, see *R. cirrhosa*

RUSCACEAE

Convallaria majalis var. majalis - **European lily of the valley**
native to Eurasia; roots and flowers toxic to pets, potentially toxic to humans
Maianthemum canadense Desfontaines - **Canada mayflower**
vars. Not recognized
Maianthemum racemosum (L.) Link
Maianthemum racemosum subsp. racemosum - **feathery false lily of the valley**
Maianthemum stellatum (L.) Link - **starry false lily of the valley**
Maianthemum trifolium (L.) Sloboda - **threeleaf false lily of the valley**
Polygonatum biflorum (Walter) Elliott - **smooth solomon's seal**
Polygonatum pubescens (Willdenow) Pursh - **hairy solomon's seal**

RUTACEAE

Phellodendron amurense Rupr. - **amur corktree**
erroneous report
Phellodendron chinense C.K. Schneider - **Chinese corktree**
native to China; known only from Winona Co. (collected 2001), probably naturalized from nearby ornamental plantings; can become invasive
Ptelea trifoliata var. trifoliata - **common hoptree**
native to south and eastern US; known only from Hennepin Co. (last collected 1951), possibly planted
Zanthoxylum americanum Miller - **common pricklyash**

SALICACEAE

Populus alba L. - **white poplar**
native to Eurasia; possibly can become invasive as spreads by root suckering
Populus balsamifera L. - **balsam poplar**
Populus deltoides subsp. monilifera (Aiton) Eckenwalder - **plains cottonwood**
Populus grandidentata Michaux - **big-tooth aspen**
Populus nigra L. - **Lombardy poplar**
native to Eurasia; probably planted
Populus tremuloides Michaux - **quaking aspen**
Populus x canadensis Moench - **Carolina poplar**
(*P. deltoides* x *nigra*) reported for Minnesota by Flora of the Great Plains 1986 but no specimens at MIN
Populus x canescens (Aiton) Smith - **gray poplar**
(*P. alba* x *tremula*) native to Eurasia; reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IL
Populus x jackii Sargent - **balm-of-Gilead**
(*P. balsamifera* x *deltoides*) rarely produces viable seed
Populus x smithii B. Boivin - **cottonwood**
(*P. grandidentata* x *tremuloides*) reported for Minnesota by Ownbey and Morley 1991 and MN-DNR but no specimens at MIN; known from Ontario, NE, IL
Salix alba L. - **white willow**
native to Europe; only two specimens (verified by G. Argus, 2010) indicate possible naturalization in Minnesota
Salix amygdaloides Andersson - **peachleaf willow**
Salix babylonica L.
misapplied; see *Salix x sepulcralis*
Salix bebbiana - **Bebb willow**
Salix candida Flugge ex Willd. - **sageleaf willow**
Salix cordata Michaux - **heartleaf willow**
to be expected in eastern counties on sandy soil; known from WI and eastward; considered to be a synonym of *S. eriocephala* in Smith 2008
Salix daphnoides Villars - **daphne willow**
native to Eurasia; known only from St. Louis Co. (Duluth area; one population collected 1980)
Salix discolor - **pussy willow**
Salix eriocephala Michx. - **diamond willow**
Salix eriocephala var. famelica (C.R Ball) Dorn - **yellow willow**
Salix exigua Nuttall
misapplied to eastern US flora see *S. interior*; misapplied name
Salix famelica (C. R. Ball) Argus - **yellow willow**
fide G. Argus (pers. comm.) populations of this western species are quite distinct from the eastern *S. eriocephala*; in Minnesota, however, there exists a narrow band of hybrids
Salix humilis var. humilis - **prairie willow**
Salix humilis var. tristis (Aiton) Griggs - **prairie willow**
Salix interior Rowlee - **sandbar willow**

***Salix lucida* Muhlenberg - shining willow**

vars. not recognized

***Salix lutea* Nuttall**

misapplied to our flora (G. Argus, pers. comm.) see *S. famelica*; misapplied name

***Salix maccalliana* Rowlee - McCalla's willow**

***Salix myricoides* Muhl. - bayberry willow**

erroneous report

***Salix nigra* Marshall - black willow**

vars. not recognized

***Salix pedicellaris* Pursh - bog willow**

***Salix pellita* (Andersson) Bebb - satiny willow**

state Special Concern list; threatened

***Salix pentandra* L. - laural willow**

native to Europe; fide G. Argus 2010, only carpellate plants are found in the US

***Salix petiolaris* Smith - meadow willow**

***Salix planifolia* Pursh - diamondleaf willow**

***Salix pseudomonticola* C.R. Ball - false mountain willow**

vegetative specimens may be easily confused with *S. famelica*; special concern

***Salix purpurea* L. - purpleosier willow**

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

***Salix pyrifolia* Andersson - balsam willow**

***Salix sericea* Marshall - silky willow**

vegetative material may be difficult to distinguish from *S. petiolaris*; known only from Fillmore Co. (collected 1982)

***Salix serissima* (L.H. Bailey) Fernald - autumn willow**

potentially invasive (fide G. Argus 2010), unlike most willows, seeds of this species experience winter dormancy and germinate very early in the spring before the seedlings can be outcompeted by others, and Smith 2008 indicates few Minnesota plants are long-lived

***Salix x beschelii* B. Boivin - hybrid willow**

(*S. bebbiana* x *discolor*) only one specimen identified as "possibly *S. bebbiana* x *discolor*" suggested by the presence of ferruginous hairs but otherwise characters indicate *S. bebbiana* (fide G. Argus, 2010); Isanti County (collected 1926)

***Salix x conifera* Wangenh.**

(*Salix discolor* x *humilis*)

***Salix x fragilis* L. - crack willow**

(*S. alba* x *euxina*) native to Europe; viable seed rarely produced

***Salix x rubella* Bebb ex C.K. Schneider - hybrid willow**

(*S. candida* x *eriocephala*) – erroneously reported for Minnesota by USDA-NRCS; currently known only from Newfoundland and NY

***Salix x sepulcralis* Simonkai**

***Salix x sepulcralis* var. *chrysocoma* (Dode) Meikle - weeping willow**

(*S. alba* x *babylonica*) native to Europe; previously all weeping willows were called *S. babylonica*, which is not cold hardy; strongly pendulous and golden branches; known only from Anoka Co. (collected 2006)

***Salix x sepulcralis* var. *sepulcralis* - weeping willow**

(*S. alba* x *babylonica*) native to Europe; previously all weeping willows were called *S. babylonica*, which is not cold hardy; possibly var. *sepulcralis* (fide G. Argus 2010) -- known only from Cass Co. (collected 1992)

SALVINIACEAE

***Salvinia molesta* D.S. Mitch. - kariba weed**

Federally listed Noxious Weed and on MN-DNR's Prohibited Invasive Species list; common aquarium plant native to tropical Asia and known only from southernmost states; unlikely to be overwintering in Minnesota; reports from Winona Co. unverified

SAPINDACEAE

***Acer ginnala* Maximowicz - amur maple**

native to Asia

***Acer negundo* var. *interius* (Britton) Sargent - box elder**

***Acer negundo* var. *negundo* - box elder**

***Acer negundo* var. *violaceum* Booth ex G. Kirchn. - boxelder**

report unverified

***Acer nigrum* Michaux f. - black maple**

***Acer pensylvanicum* L. - striped maple**

report unverified

***Acer platanoides* L. - Norway maple**

native to Europe; naturalized only in St. Louis Co. (Duluth area; collected 2003)

***Acer rubrum* var. *rubrum* - red maple**

fall leaves deadly poisonous to horses

***Acer saccharinum* L. - silver maple**

***Acer saccharum* var. *saccharum* Marshall - sugar maple**

***Acer spicatum* Lamarck - mountain maple**

***Aesculus glabra* Willdenow - Ohio buckeye**

native to eastern US; toxic to pets

***Aesculus hippocastanum* L.**

SARRACENIACEAE

***Sarracenia purpurea* subsp. *purpurea* - purple pitcher plant**

***Sarracenia purpurea* var. *gibbosa* - purple pitcher plant**

erroneous report

SAXIFRAGACEAE

***Chrysosplenium alternifolium* L. - Iowa golden saxifrage**

misapplied to US flora see *C. iowense*; misapplied name

Chrysosplenium americanum Schweinitz ex Hooker - **American golden saxifrage**

Chrysosplenium iowense Rydberg - **Iowa golden saxifrage**

disjunct from Canadian prairies in the Driftless Area of MN and IA; endangered

Heuchera richardsonii R. Brown - **Richardson's alumroot**

Micranthes pennsylvanica (L.) Haworth - **eastern swamp saxifrage**

Micranthes virginiensis (Michaux) Small - **early saxifrage**

Mitella diphylla L. - **twoleaf miterwort**

Mitella nuda L. - **naked miterwort**

Saxifraga cernua L. - **nodding saxifrage**

disjunct from arctic Canada and Rocky Mountains, known only from Cook Co. (last collected 1980); rarely producing seed, reproduction primarily from bulblets; endangered

Saxifraga paniculata Miller - **white mountain saxifrage**

Lake Superior populations disjunct from eastern Canada; special concern

Sullivantia sullivantii (Torrey & A. Gray) Britton - **Sullivant's coolwort**

northern limit of distribution; threatened

Tiarella cordifolia L. - **heartleaf foamflower**

western limit of distribution; known only from Stearns Co. (one population, collected 1998)

SCHEUCHZERIACEAE

Scheuchzeria palustris L. - **rannoch-rush**

SCROPHULARIACEAE

Scrophularia lanceolata Pursh - **lanceleaf figwort**

Scrophularia marilandica L. - **carpenter's square**

Scrophularia nodosa L. - **woodland figwort**

native to Europe; known only from St. Louis Co. (Duluth area; one population, collected 1997)

Verbascum blattaria L. - **moth mullein**

native to Eurasia; known only from Beltrami Co. (one roadside population, collected 1999)

Verbascum chaixii Villars - **nettle-leaf mullein**

native to Europe; known only from St. Louis Co. (Duluth area; one lawn-weed population, collected 2002)

Verbascum epixanthemum Boissier & Heldreich - **Grecian mullein**

Verbascum nigrum L. - **black mullein**

native to Eurasia; known only from Minneapolis area (one population, collected 1933)

Verbascum phlomoides L. - **orange mullein**

native to Europe; reported for Minnesota by USDA-NRCS but no specimens at MIN

Verbascum thapsus L. - **flannel mullein**

native to Europe; leaves and inflorescence possibly toxic

SELAGINELLACEAE

Selaginella rupestris (L.) Spring - **northern selaginella**

Selaginella selaginoides (L.) Palisot de Beauvois ex Martius & Schrank - **club spikemoss**

known only from Cook Co. (last collected 1998); endangered

SMILACACEAE

Smilax ecirrhata S. Watson - **upright carrionflower**

Smilax herbacea L. - **smooth carrionflower**

Smilax illinoensis Mangaly - **Illinois greenbrier**

Smilax lasioneura Hooker - **Blue Ridge carrionflower**

Smilax pulverulenta Michaux - **downy carrionflower**

reported for Minnesota (far southeast corner) by FNA but no specimens at MIN (probably based on misidentified specimens)

Smilax rotundifolia L. - **roundleaf greenbrier**

Smilax tamnoides L. - **bristly greenbrier**

SOLANACEAE

Datura innoxia Mill. - **white lady's slipper**

see *D. wrightii*; misapplied name

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 - **white lady's slipper**

native from southwestern US to Mexico; occasionally escaping, rarely persisting

Leucophysalis grandiflora (Hooker) Rydberg - **large false groundcherry**

Lycium barbarum L. - **matrimony vine**

native to Eurasia

Nicandra physalodes (L.) Gaertner - **apple of Peru**

native to Peru; known only from Winona Co. (last collected 1901)

Nicotiana rustica L. - **Aztec tobacco**

native to tropical America; reported for Minnesota by USDA-NRCS but no specimens at MIN; annual unlikely to be persisting

Petunia axillaris (Lam.) Britton, Sterns & Poggenb. - **large white petunia**

Petunia x atkinsiana (Sweet) D. Don ex W.H. Baxter - **petunia**

(*Petunia axillaris* x *integriifolia*)

Petunia x axillaris (Lam.) Britton, Sterns & Poggenb.

native to Argentina; reported for Minnesota by USDA-NRCS but no specimens at MIN; doubtfully persisting annual

Physalis alkekengi L. - **strawberry groundcherry**

native to Eurasia; reported for Minnesota by Morley 1969 as a rare garden escape but no specimens at MIN

Physalis grisea (Waterf.) M. Martínez - **strawberry-tomato**

Physalis heterophylla var. *heterophylla* - **clammy groundcherry**

Physalis hispida (Waterf.) Cronquist - **prairie groundcherry**
report unverified

Physalis longifolia var. *longifolia* - **longleaf groundcherry**

reported for Minnesota by Gleason & Cronquist 1991 but no specimens at MIN; known throughout the US and eastern Canada

Physalis longifolia var. *subglabrata* (Mack. & Bush) Cronquist - **longleaf groundcherry**
report unverified

Physalis philadelphica var. *immaculata* Waterf. - **Mexican groundcherry**
report unverified

Physalis pubescens var. *integrifolia* (Dunal) Waterf. - **husk tomato**

Physalis virginiana var. *virginiana* (Dunal) Waterf. - **Virginia groundcherry**

Solanum americanum Mill. - **West Indian black nightshade**
misapplied; see *S. ptycanthemum*

Solanum carolinense var. *carolinense* - **Carolina horsenettle**

Solanum dulcamara var. *dulcamara* - **climbing nightshade**

Solanum nigrum L. - **black nightshade**
see *Solanum ptycanthemum*; uncertain status

Solanum physalifolium Rusby - **hoe nightshade**

Solanum ptycanthemum Dunal - **West Indian black nightshade**

Solanum rostratum Dunal - **buffalobur nightshade**
native to central US; state DOA noxious (CN) weed, 1st collected 1890, Hennepin Co.

Solanum triflorum Nuttall - **cutleaf nightshade**
native to western US

Solanum tuberosum L. - **Irish potato**
native to Andes Mountains of South America; occasionally escaping from cultivation, rarely persisting more than 1 or 2 years

SPARGANIACEAE

Sparganium americanum Nuttall - **American bur-reed**

Sparganium androcladum (Engelmann) Morong - **branched bur-reed**

Sparganium angustifolium Michaux - **narrowleaf bur-reed**

Sparganium emersum Rehmann - **European bur-reed**

Sparganium erectum L. - **broadfruit bur-reed**
misapplied to North American flora, see *S. eurycarpum*

Sparganium eurycarpum Engelmann - **broadfruit bur-reed**

Sparganium fluctuans (Engelmann ex Morong) B.L. Robinson - **floating bur-reed**

Sparganium glomeratum (Beurling ex Laestadius) L.M. Newman - **clustered bur-reed**

Sparganium natans L. - **small bur-reed**

STAPHYLEACEAE

Staphylea trifolia L. - **American bladdernut**

TAMARICACEAE

Tamarix gallica L. - **Franch tamarisk**

Tamarix ramosissima Ledeb. - **saltcedar**

TAXACEAE

Taxus canadensis Marshall - **Canada yew**
deadly poisonous to humans, pets, and livestock

THELYPTERIDACEAE

Phegopteris connectilis (Michaux) Watt - **long beech fern**

Phegopteris hexagonoptera (Michaux) F. Fe - **broad beech fern**
northwest limit of distribution; endangered

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

THYMELAEACEAE

Daphne mezereum L. - **paradise plant**

native to Eurasia; known to be invasive in the eastern US and Canada and poisonous to humans; known only from Lake Co. (only known specimen at DUL) though scheduled to be extirpated by state Dept. of Agriculture

Dirca palustris L. - **eastern leatherwood**
mildly toxic to mammals and may cause dermatitis

TOFIELDIACEAE

Tofieldia pusilla (Michaux) Persoon - **scotch false asphodel**

disjunct from arctic regions and Canadian Rocky Mountains; endangered

Triantha glutinosa (Michaux) Baker - **sticky tofieldia**

TYPHACEAE

Typha angustifolia L. - **narrowleaf cattail**

native to eastern seaboard states and provinces

Typha latifolia L. - **broadleaf cattail**

Typha x glauca Godron - **hybrid cattail**

(*T. angustifolia* x *latifolia*) although reported from only 20 of the 87 counties, fide Lee Frelich, UM research associate, forest ecology (pers. comm.), this hybrid is much

more widespread, often out-competing both parents

ULMACEAE

Ulmus americana K. - **American elm**

Ulmus glabra Huds. - **Wych elm**
native to Eurasia; erroneously reported for Minnesota by USDA-NRCS

Ulmus pumila - **Siberian elm**
native to eastern Asia

Ulmus rubra Muhlenberg - **slippery elm**

Ulmus thomasii Sargent - **rock elm**

URTICACEAE

Boehmeria cylindrica (L.) Swartz - **smallspike false nettle**

Laportea canadensis (L.) Weddell - **Canadian woodnettle**

Parietaria pensylvanica Muhlenberg ex Willdenow - **Pennsylvania pellitory**

Pilea fontana (Lunell) Rydberg - **lesser clearweed**

Pilea pumila (L.) A. Gray - **Canadian clearweed**

Urtica dioica subsp. *dioica* - **stinging nettle**
misapplied; see *Urtica dioica* subsp. *gracilis*

Urtica dioica subsp. *gracilis* (Aiton) Selander - **stinging nettle**
can cause skin irritation

VALERIANACEAE

Valeriana edulis var. *ciliata* (Torrey & A. Gray) Cronquist - **tobacco root**
northwest limit of distribution; threatened

Valeriana officinalis L. - **garden valerian**
native to Eurasia

VERBENACEAE

Glandularia canadensis (L.) Small - **rose mock vervain**

Phyla lanceolata (Michaux) Greene - **lanceleaf fogfruit**

Verbena bracteata Lagasca y Segura & Rodr - **bigbract verbena**

Verbena hastata var. *hastata* - **swamp verbena**

Verbena hastata var. *scabra* Moldenke - **swamp verbena**

Verbena officinalis var. *officinalis*
native to Europe; known only from St. Louis Co. (one garden plot population, collected 2005)

Verbena simplex Lehmann - **narrowleaf vervain**

Verbena stricta Ventenat - **hoary vervain**

Verbena urticifolia var. *leiocarpa* L.M. Perry & Fernald - **white vervain**

Verbena urticifolia var. *urticifolia* - **white vervain**

Verbena x deamii Moldenke - **vervain**
(*V. bracteata* x *stricta*) known only from New Ulm area (historical collection from 1891); rare historic record

Verbena x perriana Moldenke - **vervain**
(*V. bracteata* x *urticifolia*) known only from Minneapolis area (historical collections to 1877); rare historic record

Verbena x rydbergii Moldenke - **vervain**
(*V. hastata* x *stricta*) reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, WI, IA, NE

VIOLACEAE

Hybanthus concolor Sprengel - **eastern greenviolet**
range extension from IA and WI; known only from Winona Co. (one population, collected 1999); endangered

Viola adunca var. *adunca* - **hookedspur violet**

Viola affinis LeConte - **sand violet**

Viola arvensis Murray - **European field pansy**
native to Europe; known only from Cass Co. (last collected 1939), doubtfully persisting

Viola bicolor Pursh - **field pansy**

Viola blanda Willdenow - **sweet white violet**

Viola canadensis var. *canadensis* - **creepingroot violet**

Viola canadensis var. *rugulosa* (Greene) C.L. Hitchcock - **Canadian white violet**

Viola cucullata Aiton - **marsh blue violet**

Viola labradorica Schrank - **alpine violet**

Viola lanceolata L. - **bog white violet**

Viola macloskeyi subsp. *pallens* (Banks ex Ging.) M.S. Baker - **small white violet**

Viola missouriensis Greene - **Missouri violet**

Viola nephrophylla Greene - **northern bog violet**

Viola novae-angliae House - **New England blue violet**

Viola nuttallii Pursh - **Nuttall's violet**
eastern limit of distribution; threatened

Viola palustris L. - **marsh violet**

Viola pedata var. *pedata* L. - **birdfoot violet**

Viola pedatifida G. Don - **prairie violet**

Viola primulifolia var. *primulifolia* L. - **primrose-leaved violet**

Viola pubescens var. *pubescens* - **downy yellow violet**

Viola pubescens var. *scabriuscula* Torrey & A. Gray - **downy yellow violet**

Viola renifolia A. Gray - **white violet**

Viola sagittata var. *ovata* - **arrowleaf violet**

Viola sagittata var. *sagittata* - **arrowleaf violet**

Viola selkirkii Pursh ex Goldie - **Selkirk's violet**

Viola sororia Willdenow - **common blue violet**

Viola tricolor L. - **johnny jumpup**
introduced from Europe

Viola x bernardii (Greene) Greene - **Bernard violet**
(*V. pedatifida* x *sororia*) reported for Minnesota by USDA-NRCS but no specimens at MIN

Viola x bissellii House - **hybrid violet**
(*V. cucullata* x *sororia*) known only from St. Louis Co.

Viola x conjugens Greene - **hybrid violet**
(*V. sagittata* x *sororia*)

Viola x mistura House - **hybrid violet**
(*V. palmata* x *sagittata*)

Viola x napae House

Viola x populifolia Greene - **Peck's violet**
(*V. sororia* x *triloba*) reported for Minnesota by USDA-NRCS but no specimens at MIN

Viola x sublanceolata House - **lanceleaf violet**
(*Viola lanceolata* x *macloskeyi*); reported for Minnesota by USDA-NRCS but no specimens at MIN; known from Ontario, IA; report unverified

VISCACEAE

Arceuthobium pusillum Peck - **eastern dwarf mistletoe**

VITACEAE

Parthenocissus quinquefolia (L.) Planchon - **Virginia creeper**
leaves and fruit toxic

Parthenocissus tricuspidata (Siebold & Zuccarini) Planchon - **boston ivy**
native to China and Japan; known only from Pipestone Co. (one population, collected 1961)

Parthenocissus vitacea (Knerr) Hitchcock - **woodbine**

Vitis aestivalis var. *argentifolia* (Munson) Fernald - **summer grape**
see *Vitis aestivalis* var. *bicolor*; threatened

Vitis aestivalis var. *bicolor* Michx. - **summer grape**

Vitis riparia Michaux - **frost grape**

XYRIDACEAE

Xyris montana Ries - **northern yelloweyed grass**

Xyris torta Smith - **slender yelloweyed grass**
northwest limit of distribution; endangered

ZYGOPHYLLACEAE

Tribulus terrestris L. - **puncturevine**
introduced from Mediterranean region