

APPENDIX B

DESIRED PLANT SPECIES FOR RESTORED NATIVE VEGETATION, MIDEWIN NATIONAL TALLGRASS PRAIRIE

The following table includes native plant species that we propose to have present in restored native vegetation on Midewin National Tallgrass Prairie, and their relative abundance. Because of difficulties in species establishment, including sufficient seed and site conditions, we expect that will take time to restore vegetation to these levels of diversity. Not all species in the table will be present in planted seed mixes; some species are expected to colonize from adjacent areas. Some species may be introduced at different stages of restoration, as appropriate for the species' ecology. This table does not include every possible native species that could be established in habitat restorations on site; such a list could exceed 800 vascular plant species. Instead, we selected species likely to be present based on pre-1830 vegetation (soils and General Land Office surveys), species' historic occurrence and habitat in Will and adjacent counties, and species' current presence on Midewin and in adjacent regions. Additions and deletions may occur as further information becomes available.

Plant species' selection, presence and abundance in particular habitats is based on community descriptions by Glass (1994), Ecological Services (1995), NatureServe (2000), Sluis and Tanderich (2000), Swink and Wilhelm (1994), and White and Madany (1978), plus field notes and observations by William D. Glass (Illinois Department of Natural Resources) and Eric Ulaszek (USDA Forest Service) at Midewin National Tallgrass Prairie, DesPlaines State Fish and Wildlife Area, and other sites with similar physiognomy in Will, Grundy, and Kankakee counties, Illinois. Additional information on the ecology and distribution of specific species was distilled from Chicago Wilderness (1997, 1999), Gleason and Cronquist (1991), Herkert (1991, 1994), Mohlenbrock (1999), Mohlenbrock and Ladd (1978), Schwegman *et al.* (1973), Sheviak (1974), Steyermark (1963), Swink and Wilhelm (1994), The Wetlands Initiative (1999), USDI-FWS (1996, 1999) and Yatskeveitch (1999).

This table does not include the many species of widespread, weedy natives that are not associated with specific native vegetation. These species were probably opportunists, adapted to colonizing sites disturbed by erosion, animals, humans, or other processes. Such 'native weeds' include common ragweed (*Ambrosia artemisiifolia*), wood sedge (*Carex blanda*), horseweed (*Coryza canadensis*), tall goldenrod (*Solidago canadensis*), tall boneset (*Eupatorium altissimum*), common evening primrose (*Oenothera biennis*), annual fleabane (*Erigeron annuus*), cleavers (*Galium aparine*), heal-all (*Prunella vulgaris*), path rush (*Juncus tenuis*), smartweed (*Polygonum pennsylvanicum*), pokeweed (*Phytolacca americana*), and other species.

Plant species are listed alphabetically by scientific name. Nomenclature follows Swink and Wilhem (1994) for the most part; exceptions follow Gleason and Cronquist (1991) or Mohlenbrock (1986).

Restored native vegetation types follow those described in Appendix A. The presence and relative abundance of a given plant species within a habitat is indicated by an additive sign (+): + = rare to uncommon; ++ = occasional to locally common; +++ = common to abundant. The desired abundance is based on sites similar to Midewin, and does not apply to these habitats or species throughout their distribution.

Scientific Name Common Name	Dolomite Prairie	Upland Typic Prairie	Wet Typic Prairie	Sedge Meadow	Marsh	Seep	Savanna	Forest and Woodland	Perennial Stream/ Riparian
<i>Acer negundo</i> Box Elder	-	-	-	-	-	-	-	+	+
<i>Acer nigrum</i> Black Maple	-	-	-	-	-	-	+	++	-
<i>Acer saccharinum</i> Silver Maple	-	-	-	-	-	-	-	+	+
<i>Acer saccharum</i> Sugar Maple	-	-	-	-	-	-	-	++	-
<i>Actaea pachypoda</i> White Baneberry	-	-	-	-	-	-	-	++	-
<i>Agalinis tenuifolia</i> Slender False-foxglove	-	-	+++	++	+	+	-	-	-
<i>Agastache nepetoides</i> Yellow Giant Hyssop	-	-	-	-	-	-	+	++	+
<i>Agastache scrophulariaefolia</i> Purple Giant Hyssop	-	-	-	-	-	-	++	+	-
<i>Agrimonia gryposepala</i> Agrimony	-	+	+	-	-	+	++	++	-
<i>Agrimonia parviflora</i> Marsh Agrimony	-	-	+	+	++	++	-	-	+
<i>Agrimonia pubescens</i> Downy Agrimony	-	-	-	-	-	-	+	++	-
<i>Alisma subcordatum</i> Common Water-plantain	-	-	-	+	+++	-	-	-	-
<i>Alisma trivale</i> Large-flowered Water-plantain	++	-	-	-	+	-	-	-	-
<i>Allium canadense</i> Canada Wild Onion, Wild Garlic	+++	+++	+++	+	-	+	++	+++	+
<i>Allium cernuum</i> Nodding Wild Onion	+++	+++	++	-	-	++	++	+	-
<i>Allium mutabile</i> Glade Onion	+++	-	-	-	-	-	-	-	-
<i>Allium tricoccum burdickii</i> Wild Leek, Ramps	-	-	-	-	-	-	+	+++	-
<i>Ammania robusta</i> Scarlet Loosestrife	++	-	-	-	+	-	-	-	-

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<i>Amorpha canescens</i> Leadplant	+	+++	-	-	-	-	++	-	-
<i>Amorpha fruticosa</i> False Indigo-bush	++	-	+	-	-	-	-	-	++
<i>Amphicarpaea bracteata</i> Hog Peanut	-	-	-	-	-	-	++	+++	+
<i>Andropogon gerardii</i> Big Bluestem	+++	+++	++	+	-	+	++	-	+
<i>Andropogon scoparius</i> Little Bluestem	++	+++	+	-	-	-	+++	+	-
<i>Androsace occidentalis</i> Rock Jasmine	++	+	-	-	-	-	++	-	-
<i>Anemone canadensis</i> Meadow Anemone	++	++	+++	+	+	-	++	-	+
<i>Anemone caroliniana</i> Carolina Anemone	-	+	-	-	-	-	-	-	-
<i>Anemone cylindrica</i> Prairie Thimbleweed	-	+++	-	-	-	-	+	-	-
<i>Anemone quinquefolia</i> Wood Anemone	-	-	-	-	-	-	+	++	-
<i>Anemone virginiana</i> Woodland Anemone	-	+	-	-	-	-	++	++	+
<i>Anemonella thalictroides</i> Rue Anemone	-	-	-	-	-	-	-	++	-
<i>Angelica atropurpurea</i> Great Angelica	-	-	-	+	-	++	-	-	-
<i>Antennaria neglecta</i> Small Pussy-toes	-	++	-	-	-	-	++	+	-
<i>Antennaria plantaginifolia</i> Plantain-leaved Pussy-toes	+	++	-	-	-	-	++	+	-
<i>Apios americana</i> Groundnut	-	+	++	+	+	+	+	+	++
<i>Apocynum androsaemifolium</i> Spreading Dogbane	-	-	-	-	-	-	++	+	-
<i>Apocynum cannabinum</i> Indian Hemp	-	++	+	-	-	-	+	-	-

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<i>Apocynum sibiricum</i> Prairie Dogbane	+	+	++	+	-	-	-	-	+
<i>Aquilegia canadensis</i> Wild Columbine	-	-	-	-	-	+	++	+	-
<i>Arabis canadensis</i> Sicklepod	-	-	-	-	-	-	++	++	-
<i>Arabis glabra</i> Tower Mustard	++	+	-	-	-	-	-	-	-
<i>Arabis laevigata</i> Smooth Rock Cress	-	-	-	-	-	-	-	+	-
<i>Arabis shortii</i> Toothed Cress	-	-	-	-	-	-	-	++	+
<i>Arisaema dracontium</i> Green Dragon	-	-	-	-	-	-	-	++	-
<i>Arisaema triphyllum</i> Jack-in-the-pulpit	-	-	-	-	-	-	-	+++	-
<i>Aristolochia serpentaria</i> Virginia Snakeroot	-	-	-	-	-	-	-	+	-
<i>Armoracia lacustris</i> Lake Cress	-	-	-	+	++	-	-	-	-
<i>Asarum canadense reflexum</i> Wild Ginger	-	-	-	-	-	-	-	+++	+
<i>Asclepias amplexicaulis</i> Sand Milkweed	-	++	-	-	-	-	+	-	-
<i>Asclepias exaltata</i> Poke Milkweed	-	-	-	-	-	-	-	+	-
<i>Asclepias hirtella</i> Tall Green Milkweed	-	++	-	-	-	-	+	-	-
<i>Asclepias incarnata</i> Marsh Milkweed, Swamp M.	++	-	++	++	++	-	-	-	+
<i>Asclepias meadii</i> Mead's Milkweed	-	+	-	-	-	-	-	-	-
<i>Asclepias purpurescens</i> Purple Milkweed	-	+	-	-	-	-	++	+	-
<i>Asclepias sullivantii</i> Prairie Milkweed, Sullivant's M.	++	+++	+	-	-	-	+	-	-

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<i>Asclepias tuberosa</i> Butterfly Milkweed	-	++	+	-	-	-	++	+	-
<i>Asclepias verticillata</i> Whorled Milkweed	++	++	-	-	-	-	+	-	-
<i>Asclepias viridiflora</i> Short Green Milkweed	+	++	-	-	-	-	+	-	-
<i>Asimina triloba</i> Pawpaw	-	-	-	-	-	-	-	+	-
<i>Asplenium platyneuron</i> Ladder Fern	-	-	-	-	-	-	+	+	-
<i>Aster drummondii</i> Drummond's Aster	-	-	-	-	-	-	++	+	-
<i>Aster ericoides</i> Heath Aster	++	+++	-	-	-	-	+	-	-
<i>Aster furcatus</i> Forked Aster	-	-	-	-	-	-	-	++	-
<i>Aster laevis</i> Smooth Blue Aster	-	+++	-	-	-	-	++	+	-
<i>Aster lateriflorus</i> Calico Aster	+	-	+	-	-	+	+	++	++
<i>Aster novae-angliae</i> New England Aster	++	+	+++	++	-	+	++	-	-
<i>Aster oblongifolius</i> Aromatic Aster	+++	-	-	-	-	-	-	-	-
<i>Aster ontarionis</i> Ontario Aster	-	-	-	-	-	-	+	++	-
<i>Aster oolentangiensis</i> (= <i>A. azureus</i>) Sky Blue Aster	-	++	-	-	-	-	+	-	-
<i>Aster praealtus</i> Willow Aster	-	-	-	+	++	-	-	-	-
<i>Aster ptarmicoides</i> (= <i>Solidago p.</i>) Stiff White Aster	-	+	-	-	-	-	-	-	-
<i>Aster puniceus</i> Red-stemmed Aster	-	-	+	+	-	+++	-	-	-
<i>Aster sagittifolius</i> Arrow-leaved Aster	-	-	-	-	-	-	+	++	-

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<i>Aster shortii</i> Short's Aster	-	-	-	-	-	-	+	+++	-
<i>Aster simplex</i> Panicked Aster	++	-	++	++	+	+	-	-	+
<i>Astragalus canadensis</i> Canada Milkvetch	+	++	-	-	-	-	+	-	+
<i>Astragalus tenneessensis</i> Tennessee Milkvetch	++	-	-	-	-	-	-	-	-
<i>Athyrium angustum</i> Northern Lady Fern	-	-	-	-	-	-	-	+	-
<i>Baptisia leucantha</i> (= <i>B. alba</i>) Tall Wild Indigo, White W.I.	-	++	-	-	-	-	+++	-	-
<i>Baptisia leucophaea</i> (= <i>B. bracteata</i>) Cream Wild Indigo	-	+++	-	-	-	-	++	-	-
<i>Bidens aristosa</i> / <i>B. polylepis</i> Swamp Marigold	++	-	++	++	+++	+	-	-	+
<i>Bidens cernua</i> Nodding Bur Marigold	++	-	+	+	++	++	-	-	++
<i>Bidens comosa</i> Swamp Tickseed	-	-	-	-	+	-	-	-	+
<i>Bidens connata</i> Purple-stemmed Tickseed	-	-	+	++	+++	+	-	-	+
<i>Bidens coronata</i> Slender Swamp Marigold	++	-	++	++	++	++	-	-	-
<i>Bidens frondosa</i> Beggar's-ticks	+	-	-	+	++	+	-	+	++
<i>Blephilia ciliata</i> Ohio Horse Mint	+++	+	-	-	-	-	+	-	-
<i>Blephilia hirsuta</i> Downy Wood Mint	-	-	-	-	-	-	-	++	-
<i>Boehmeria cylindrica</i> False Nettle	-	-	+	++	++	+	+	+++	+
<i>Botrychium dissectum</i> Cut-leaved Grape Fern	-	-	-	-	-	-	-	+	-
<i>Bortychium virginianum</i> Rattlesnake Fern	-	-	-	-	-	-	-	++	-

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<i>Bouteloua curtipendula</i> Side-oats Grama Grass	+++	++	-	-	-	-	+	-	-
<i>Brachyelytrum erectum</i> False Brome Grass	-	-	-	-	-	-	+	++	-
<i>Brickellia eupatorioides</i> (= <i>Kuhnia e.</i>) False Boneset	+++	+++	-	-	-	-	++	+	-
<i>Bromus kalmii</i> Prairie Brome	-	+	+	-	-	++	+	-	-
<i>Bromus pubescens</i> Woodland Brome Grass	-	-	-	-	-	-	+	++	-
<i>Cacalia atriplicifolia</i> Pale Indian-plantain	-	+	-	-	-	-	++	++	-
<i>Cacalia plantaginea</i> (= <i>C. tuberosa</i>) Prairie Indian-plantain	++	+	+++	++	-	++	-	-	-
<i>Calamagrostis canadensis</i> Blue-joint Grass	++	-	+++	+++	+	++	++	+	+
<i>Calystegia spithamea</i> Low Bindweed	-	++	-	-	-	-	+	+	-
<i>Camassia scilloides</i> Wild Hyacinth	+++	++	++	-	-	-	+++	++	-
<i>Campanula americana</i> Tall Bellflower	-	-	-	-	-	-	-	++	+
<i>Campanula aparinoides</i> Marsh Bellflower	-	-	-	-	++	++	-	-	-
<i>Cardamine bulbosa</i> Bulbous Spring Cress	+	-	++	++	-	++	-	+	+
<i>Cardamine douglassii</i> Purple Spring Cress	-	-	-	-	-	-	-	++	-
<i>Cardamine pennsylvanica</i> Pennsylvania Spring Cress	+	-	-	-	-	++	-	++	+
<i>Carex albursina</i> Wood Sedge	-	-	-	-	-	-	-	++	-
<i>Carex annectans</i> Fox Sedge	++	-	+	++	+	+	-	-	-
<i>Carex atherodes</i> Sedge	-	-	++	++	+	-	-	-	-

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<i>Carex bicknellii</i> Prairie Sedge	++	++	-	-	-	-	+	-	-
<i>Carex brevior</i> Sedge	+	+	-	-	-	-	+	-	-
<i>Carex buxbaumii</i> Sedge	++	-	++	++	+	+	-	-	-
<i>Carex cephalophora</i> Sedge	-	-	-	-	-	-	+	++	-
<i>Carex comosa</i> Sedge	-	-	-	+	++	+	-	-	-
<i>Carex crawei</i> Crawe's Sedge	++	+	+	-	-	+	-	-	-
<i>Carex cristatella</i> Sedge	++	-	+	++	+	+	+	-	+
<i>Carex davisii</i> Sedge	-	-	-	-	-	-	+	++	+
<i>Carex emoryi</i> Riverbank Sedge	-	-	-	++	-	+	+	-	++
<i>Carex festucacea</i> Sedge	+	+	+	-	-	-	+	+	-
<i>Carex frankii</i> Sedge	+	-	+	+	++	+	-	-	+
<i>Carex granularis</i> Sedge	++	-	++	+	-	++	++	+	-
<i>Carex gravida</i> Sedge	++	++	-	-	-	-	++	-	-
<i>Carex grayi</i> Morning-star Sedge	-	-	-	-	-	+	++	+++	-
<i>Carex grisea</i> Sedge	-	-	-	-	-	-	+	+++	+
<i>Carex haydenii</i> Tussock Sedge	++	-	+	+++	-	+	++	+	+
<i>Carex hirtifolia</i> Sedge	-	-	-	-	-	-	-	++	-
<i>Carex hystericina</i> Bottlebrush Sedge	-	-	-	++	+	+++	-	-	-

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<i>Carex jamesii</i> Sedge	-	-	-	-	-	-	+	+++	-
<i>Carex lacustris</i> Lake Sedge	++	-	+	+++	++	+	++	+	+
<i>Carex laxiculmis</i> Wood Sedge	-	-	-	-	-	-	-	++	-
<i>Carex lupulina</i> Hops Sedge	-	-	-	+	++	+	+	++	+
<i>Carex meadii</i> Mead's Sedge	+	+++	-	-	-	-	++	+	-
<i>Carex molesta</i> Sedge	+	++	+	-	-	-	++	-	-
<i>Carex normalis</i> Sedge	+	+	+	-	-	-	++	+	+
<i>Carex pellita</i> Sedge	+++	+	+++	+++	+	++	++	++	++
<i>Carex pensylvanica</i> Penn Sedge	-	-	-	-	-	-	++	+++	-
<i>Carex radiata</i> Sedge	-	-	-	-	-	-	-	+++	-
<i>Carex richardsonii</i> Sedge	+	+	-	-	-	-	-	-	-
<i>Carex rosea</i> Sedge	-	-	-	-	-	-	+	++	-
<i>Carex sartwellii</i> Sedge	++	-	+	++	+	++	-	-	-
<i>Carex scoparia</i> Sedge	++	-	++	++	+	+	+	+	-
<i>Carex sparganioides</i> Sedge	-	-	-	-	-	-	+	++	-
<i>Carex sprengelii</i> Sedge	-	-	-	-	-	-	-	++	-
<i>Carex squarrosa</i> Sedge	-	-	-	+	++	-	+	+	-
<i>Carex stipata</i> Sedge	++	-	+	+++	++	+	+	-	-

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<i>Carex stricta</i> Tussock Sedge	++	-	+	+++	++	++	+	-	-
<i>Carex suberecta</i> Sedge	++	+	+++	+	-	+	++	+	-
<i>Carex tenera</i> Sedge	-	-	-	-	-	-	++	+	-
<i>Carex tetanica</i> Sedge	++	+	++	+	-	+	-	-	-
<i>Carex tribuloides</i> Sedge	+	-	-	++	+	-	++	+	+
<i>Carex trichocarpa</i> Sedge	++	-	++	+++	++	++	++	-	++
<i>Carex umbellata</i> Sedge	++	++	-	-	-	-	++	+	-
<i>Carex utriculata</i> Sedge	-	-	-	+	++	-	-	-	-
<i>Carex vulpinoidea</i> Fox Sedge	++	-	+	++	+	++	++	+	+
<i>Carex woodii</i> Sedge	-	-	-	-	-	-	-	++	-
<i>Carpinus caroliniana</i> American Hornbeam, Musclewood	-	-	-	-	-	-	-	++	+
<i>Carya cordiformis</i> Bitternut Hickory	-	-	-	-	-	-	-	++	-
<i>Carya ovata</i> Shagbark Hickory	-	-	-	-	-	-	++	++	-
<i>Caulophyllum thalictroides</i> Blue Cohosh	-	-	-	-	-	-	-	++	-
<i>Ceanothus americanus</i> New Jersey Tea	++	+++	-	-	-	-	+++	++	-
<i>Celastrus scandens</i> American Bittersweet	-	+	-	-	-	-	+	+	-
<i>Celtis occidentalis</i> Eastern Hackberry	-	-	-	-	-	-	+	++	+
<i>Cephalanthus occidentalis</i> Buttonbush	-	-	-	-	+	-	-	-	+

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<i>Cerastium arvense</i> Field Chickweed	-	+	-	-	-	-	++	++	-
<i>Chaerophyllum procumbens</i> False Chervil	-	-	-	-	-	-	-	+++	+
<i>Chamaecrista fasciculata</i> (=Cassia f.) Partridge-pea	+	+++	-	-	-	-	++	-	-
<i>Chelone glabra</i> Turtlehead	-	-	-	+	-	++	-	-	-
<i>Cicuta maculata</i> Water Hemlock	++	-	++	++	++	+	-	+	-
<i>Cimicifuga racemosa</i> Black Cohosh	-	-	-	-	-	-	-	+	-
<i>Cinna arundinacea</i> Wood Reed	-	-	+	+	-	+	++	+++	+
<i>Circaea lutetiana canadensis</i> Enchanter's-nightshade	-	-	-	-	-	-	+	++	-
<i>Cirsium altissimum</i> Tall Thistle	-	-	-	-	-	-	++	++	+
<i>Cirsium discolor</i> Old Field Thistle	+	++	+	-	-	-	++	-	+
<i>Cirsium hillii</i> Hill's Thistle, Prairie Thistle	++	++	-	-	-	-	++	-	-
<i>Cirsium muticum</i> Swamp Thistle	+	-	-	+	-	++	-	-	-
<i>Claytonia virginica</i> Spring Beauty	++	++	-	-	-	-	+++	+++	-
<i>Clematis pitcheri</i> Leather-flower	-	-	-	-	-	-	-	+	-
<i>Clematis virginiana</i> Virgin's-bower	-	-	-	-	-	-	-	+	+
<i>Comandra umbellata</i> False-toadflax, Bastard-toadflax	+	+++	-	-	-	-	++	+	-
<i>Coreopsis lanceolata</i> Sand Coreopsis	+	++	-	-	-	-	+	-	-
<i>Coreopsis palmata</i> Prairie Coreopsis, Stiff Tickseed	+	+++	-	-	-	-	++	-	-

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<i>Coreopsis tripteris</i> Tall Coreopsis	+	+++	+	-	-	-	+++	+	-
<i>Cornus obliqua</i> Silky Dogwood, Blue Dogwood	-	-	+	+	-	-	+	+	++
<i>Cornus racemosa</i> Gray Dogwood	-	+	-	-	-	+	++	+	-
<i>Cornus sericea</i> Red-osier Dogwood	-	-	-	+	+	+	-	-	-
<i>Corylus americana</i> American Hazel	-	+	-	-	-	-	++	++	-
<i>Crataegus calpodendron</i> Sugar Hawthorn	-	-	-	-	-	-	-	++	-
<i>Crataegus crus-galli</i> Cockspur Hawthorn	-	-	-	-	-	-	++	++	-
<i>Crataegus mollis</i> Red Haw	-	-	-	-	-	-	++	++	+
<i>Crataegus punctata</i> Dotted Hawthorn	-	-	-	-	-	-	-	+	-
<i>Crataegus succulenta</i> Fleshy Hawthorn	-	-	-	-	-	-	-	+	-
<i>Croton capitatus</i> Woolly Croton, Hogweed	++	-	-	-	-	-	-	-	-
<i>Cryptotaenia canadensis</i> Honewort	-	-	-	-	-	-	-	++	+
<i>Cuphea petiolata</i> Waxweed, Clammy Cuphea	-	+	-	-	-	-	-	-	-
<i>Cuscuta</i> spp. Native Dodders	+	+	+	+	+	+	+	+	+
<i>Cyperus acuminata</i> Flatsedge	++	-	-	-	-	-	-	-	-
<i>Cyperus erythrorhizos</i> Redroot Nutsedge	-	-	-	-	++	-	-	-	-
<i>Cyperus ferruginescens</i> Rusty Nutsedge	-	-	-	-	++	-	-	-	-
<i>Cyperus filiculmis</i> Slender Sandsedge	-	+	-	-	-	-	+	-	-

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<i>Cyperus inflexus</i> Awned Flatsedge	++	-	-	-	-	-	-	-	-
<i>Cyperus rivularis</i> Brook Nutsedge	+	-	-	-	+	+	-	-	-
<i>Cyperus strigosus</i> Marsh Nutsedge	+	-	-	+	++	-	-	-	+
<i>Cypripedium candidum</i> Small White Lady's-slipper	+	-	+	-	-	+	-	-	-
<i>Cystopteris protrusa</i> (= <i>C. fragilis</i>) Fragile Fern	-	-	-	-	-	-	-	++	-
<i>Dalea candida</i> (= <i>Petalostemum c.</i>) White Prairie-clover	-	+++	-	-	-	-	++	-	-
<i>Dalea foliosa</i> (= <i>Petalostemum f.</i>) Leafy Prairie-clover	++	-	-	-	-	-	-	-	-
<i>Dalea purpurea</i> (= <i>Petalostemum p.</i>) Purple Prairie-clover	+	+++	-	-	-	-	++	-	-
<i>Danthonia spicata</i> Poverty Oat Grass	-	+	-	-	-	-	+	++	-
<i>Dasistoma macrophylla</i> Mullein Foxglove	-	-	-	-	-	-	++	++	-
<i>Dentaria laciniata</i> Common Toothwort	-	-	-	-	-	-	+	+++	-
<i>Deschampsia caespitosa glauca</i> Tufted Hair Grass	+++	-	-	-	-	-	-	-	-
<i>Desmodium canadense</i> Showy Tick-trefoil	-	+++	-	-	-	-	++	-	-
<i>Desmodium cuspidatum</i> Bracted Tick-trefoil	-	-	-	-	-	-	+	++	-
<i>Desmodium glutinosum</i> Pointed tick-trefoil	-	-	-	-	-	-	-	++	-
<i>Desmodium illinoense</i> Illinois Tick-trefoil	-	+++	-	-	-	-	++	-	-
<i>Diarrhena obovata</i> Smooth Beak Grass	-	-	-	-	-	-	+	++	++
<i>Dicentra canadensis</i> Squirrelcorn	-	-	-	-	-	-	-	++	-
<i>Dicentra cucullaria</i> Dutchman's-breeches	-	-	-	-	-	-	+	+++	-

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<i>Dioscorea villosa</i> Wild Yam	-	-	-	-	-	-	+	++	-
<i>Dirca palustris</i> Leatherwood	-	-	-	-	-	-	-	+	-
<i>Dodecatheon meadia</i> Shooting-star	++	+++	-	-	-	-	+++	++	-
<i>Draba reptans</i> Common Whitlow Cress	++	-	-	-	-	-	-	-	-
<i>Dryopteris cristata</i> Crested Wood Fern	-	-	-	-	-	-	-	+	-
<i>Dryopteris spinulosa</i> Spinulose Shield Fern	-	-	-	-	-	-	-	+	-
<i>Echinacea pallida</i> Pale Purple Coneflower	-	+++	-	-	-	-	++	-	-
<i>Echinacea purpurea</i> Woodland Purple Coneflower	-	+	-	-	-	-	++	++	+
<i>Eleocharis acicularis</i> Needle Spikerush	++	-	-	+	++	+	-	-	-
<i>Eleocharis compressa</i> Flattened Spikerush	+++	-	++	-	-	+	-	-	-
<i>Eleocharis erythropoda</i> Redroot Spikerush	++	-	-	++	+++	+	-	-	-
<i>Eleocharis obtusa</i> Blunt Spikerush	++	-	-	+	++	+	-	-	+
<i>Eleocharis smallii</i> Marsh Spikerush	-	-	-	+	++	-	-	-	-
<i>Ellisia nyctelea</i> Aunt Lucy	-	-	-	-	-	-	+	++	+
<i>Elymus canadensis</i> Canada Wild-rye	++	+++	+	-	-	-	+++	+	++
<i>Elymus hystrix</i> (= <i>Hystrix patula</i>) Bottlebrush Grass	-	-	-	-	-	-	++	++	-
<i>Elymus riparius</i> Riverbank Wild-rye	-	-	+	+	-	-	+	+	+
<i>Elymus villosus</i> Silky Wild-rye	-	-	-	-	-	-	+	++	+
<i>Elymus virginicus</i> Virginia wild-rye	++	-	+	+	-	-	++	++	++

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<i>Epilobium coloratum</i> Cinnamon Willow-herb	++	-	+	++	+	++	-	-	-
<i>Epilobium leptophyllum</i> Swamp Willow-herb	+	-	+	+	-	++	-	-	-
<i>Equisetum arvense</i> Field Horsetail	-	+	++	++	-	+	+	-	++
<i>Equisetum hyemale</i> Winter Scouring-rush	-	-	-	-	+	++	-	+	++
<i>Equisetum laevigatum</i> Prairie Scouring-rush	++	++	++	+	-	+	+	-	-
<i>Eragrostis spectabilis</i> Purple Love Grass	+	+	-	-	-	-	+	-	-
<i>Erigeron philadelphicus</i> Marsh Fleabane	++	-	++	++	-	+	+	++	+
<i>Erigeron pulchellus</i> Robin's-plantain	-	-	-	-	-	-	+	++	-
<i>Erigeron strigosus</i> Daisy Fleabane	+	++	-	-	-	-	++	-	-
<i>Eryngium yuccifolium</i> Rattlesnake-master	+	+++	+	-	-	-	++	-	-
<i>Erythronium albidum</i> White Dogtooth-lily	-	+	-	-	-	-	++	+++	+
<i>Euonymus atropurpureus</i> Wahoo	-	-	-	-	-	-	-	++	-
<i>Eupatorium maculatum</i> Spotted Joe-Pye Weed	++	-	++	+	+	+++	+	-	-
<i>Eupatorium perfoliatum</i> Marsh Boneset	++	-	+	+++	++	+	-	-	+
<i>Eupatorium purpureum</i> Purple Joe-Pye Weed	-	-	-	-	-	-	++	++	-
<i>Eupatorium rugosum</i> White Snakeroot	-	-	-	-	-	-	+	+	+
<i>Euphorbia corollata</i> Flowering spurge	+	+++	-	-	-	-	++	+	-
<i>Euthamia graminifolia</i> (=Solidago g.) Grass-leaved Goldenrod	+	++	+++	+	-	-	+	-	-

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<i>Festuca obtusa</i> Nodding Fescue	-	-	-	-	-	-	+	++	+
<i>Filipendula rubra</i> Queen-of-the-Prairie	-	-	+	-	-	++	-	-	-
<i>Floerkea proserpinacoides</i> False Mermaid	-	-	-	-	-	-	-	++	-
<i>Fragaria virginiana</i> Wild Strawberry	+	+++	++	-	-	-	+++	++	-
<i>Fraxinus americana</i> White Ash	-	-	-	-	-	-	-	++	-
<i>Fraxinus nigra</i> Black Ash	-	-	-	-	-	+	-	+	-
<i>Fraxinus pennsylvanica</i> Green Ash	-	-	-	-	-	-	-	++	+
<i>Fraxinus quadrangulata</i> Blue Ash	-	-	-	-	-	-	+	++	-
<i>Galium boreale</i> Northern Bedstraw	+	-	++	+	-	+	-	-	-
<i>Galium circaezans</i> Wild Licorice	-	-	-	-	-	-	-	++	-
<i>Galium concinnum</i> Shining Bedstraw	-	-	-	-	-	-	-	++	-
<i>Galium obtusum</i> Wild Madder	++	-	++	++	+	++	+	-	+
<i>Galium triflorum</i> Sweet-scented Bedstraw	-	-	-	-	-	-	-	++	-
<i>Gaura biennis</i> Butterfly Gaura	+	++	-	-	-	-	++	-	-
<i>Gentiana andrewsii</i> Bottle Gentian	+	+	+++	+	-	+	+	-	-
<i>Gentiana puberulenta</i> Prairie Gentian	-	++	-	-	-	-	-	-	-
<i>Gentianella quinquefolia</i> <i>occidentalis</i> Stiff Gentian	-	++	-	-	-	+	++	+	-
<i>Geranium carolinianum</i> Carolina Cranesbill	++	-	-	-	-	-	-	-	-

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<i>Geranium maculatum</i> Wild Geranium	-	+	-	-	-	-	++	+++	-
<i>Geum canadense</i> White Avens	-	-	-	-	-	-	+	++	+
<i>Geum laciniatum</i> Rough Avens	++	-	++	++	+	+	+	-	-
<i>Gleditsia triacanthos</i> Honey-locust	-	-	-	-	-	-	-	+	+
<i>Glyceria septentrionalis</i> Swamp Manna Grass	-	-	-	-	++	-	-	-	-
<i>Glyceria striata</i> Fowl Manna Grass	++	-	+	++	+	+++	-	++	+
<i>Gnaphalium obtusifolium</i> Late Cudweed	-	+	-	-	-	-	+	-	-
<i>Gratiola neglecta</i> Clammy Mud-hyssop	+	-	+	+	+	+	-	-	+
<i>Gymnocladus dioica</i> Kentucky Coffee Tree	-	-	-	-	-	-	-	++	-
<i>Hackelia virginiana</i> Virginia Stickseed	-	-	-	-	-	-	+	+	+
<i>Hedeoma hispida</i> Rough Pennyroyal	++	-	-	-	-	-	-	-	-
<i>Hedeoma pulegioides</i> American Pennyroyal	-	-	-	-	-	-	+	++	-
<i>Helenium autumnale</i> Marsh Sneezeweed	++	-	+	++	+	+	-	-	-
<i>Helianthus divaricatus</i> Woodland Sunflower	-	-	-	-	-	-	+	++	-
<i>Helianthus grosseserratus</i> Saw-toothed Sunflower	++	++	++	+	-	+	++	-	++
<i>Helianthus hirsutus</i> Hairy Sunflower	-	+	-	-	-	-	++	-	-
<i>Helianthus mollis</i> Ashy Sunflower	-	++	-	-	-	-	+	-	-
<i>Helianthus occidentalis</i> Western Sunflower	-	++	-	-	-	-	-	-	-

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<i>Helianthus pauciflorus</i> (= <i>H. rigidus</i>) Prairie Sunflower	-	+++	-	-	-	-	++	-	-
<i>Helianthus tuberosus</i> Jerusalem Artichoke	-	-	++	-	-	-	++	+	++
<i>Heliopsis helianthoides</i> False Sunflower	-	++	-	-	-	-	++	++	+
<i>Hepatica acutiloba</i> Hepatica	-	-	-	-	-	-	-	++	-
<i>Heracleum maximum</i> Cow Parsnip	-	-	-	-	-	+	++	++	+
<i>Heuchera richardsonii</i> Prairie Alumroot	+	+++	-	-	-	-	++	++	-
<i>Hierachloë odorata</i> Vanilla Grass	++	+	++	++	-	++	++	-	+
<i>Hordeum pusillum</i> Little Barley	++	-	-	-	-	-	-	-	-
<i>Humulus lupulus</i> American Hops	-	-	-	-	-	-	+	-	+
<i>Hydrastis canadensis</i> Goldenseal	-	-	-	-	-	-	-	++	-
<i>Hydrophyllum virginianum</i> Virginia Waterleaf	-	+	-	-	-	-	++	+++	+
<i>Hymenoxys herbaceus</i> Lakeside Daisy	++	-	-	-	-	-	-	-	-
<i>Hypericum pyramidatum</i> Great St. John's-wort	-	-	-	-	-	++	++	-	-
<i>Hypericum sphaerocarpum</i> Round-fruited St. John's-wort	+++	-	+	-	-	-	-	-	-
<i>Hypoxis hirsuta</i> Yellow Stargrass	++	++	++	-	-	-	+	-	-
<i>Impatiens capensis</i> Orange Jewelweed, Touch-me-not	+	-	++	++	++	++	-	+	++
<i>Impatiens pallida</i> Yellow Jewelweed, Touch-me-not	-	-	-	-	-	-	-	++	-
<i>Iodanthus pinnatifidus</i> Violet Cress	-	-	-	-	-	-	+	++	++

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<i>Ipomaea pandurata</i> Wild Sweet-potato, Man-of-the-Earth	-	+	-	-	-	-	++	+	-
<i>Iris virginicus shrevei</i> Blue Flag, Wild Blue Iris	++	-	+	+++	++	+	-	-	+
<i>Isanthus brachiatus</i> False Pennyroyal	+++	-	-	-	-	-	-	-	-
<i>Isoetes butleri</i> Butler's Quillwort, Glade Quillwort	++	-	-	-	-	-	-	-	-
<i>Isopyrum biternatum</i> (= <i>Enemion b.</i>) False Rue-Anemone	-	-	-	-	-	-	-	++	-
<i>Jeffersonia diphylla</i> Twinleaf	-	-	-	-	-	-	-	++	-
<i>Juglans cinerea</i> Butternut	-	-	-	-	-	+	-	+	-
<i>Juglans nigra</i> Black Walnut	-	-	-	-	-	-	+	++	+
<i>Juncus brachycarpus</i> Rush	-	-	-	++	++	-	-	-	-
<i>Juncus dudleyi</i> Dudley's Rush	++	-	++	+++	+	+	-	-	-
<i>Juncus effusus</i> Pond Rush	-	-	-	-	++	+	-	-	-
<i>Juncus interior</i> Inland Rush	+	-	+	+	-	+	-	-	-
<i>Juncus nodosus</i> Joint Rush	-	-	-	+	+	++	-	-	-
<i>Juncus torreyi</i> Torrey's Rush	++	-	++	++	++	+	-	-	-
<i>Justicia americana</i> Water Willow	-	-	-	-	-	-	-	-	++
<i>Koeleria macrantha</i> (= <i>K. cristata</i>) June Grass	+	++	-	-	-	-	++	-	-
<i>Krigia biflora</i> Two-flowered Cynthia	-	++	+	-	-	-	++	+	-
<i>Lactuca biennis</i> Tall Blue Lettuce	-	-	-	-	-	-	+	++	+

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<i>Lactuca canadensis</i> Canada Wild Lettuce	++	++	+	-	-	-	++	+	-
<i>Lactuca floridana</i> Blue Wild Lettuce	-	-	-	-	-	-	+	++	-
<i>Laportea canadensis</i> Wood Nettle	-	-	-	-	-	-	-	++	+
<i>Lathyrus palustris</i> Marsh Vetchling	+	-	++	++	+	+	-	-	-
<i>Lathyrus venosus</i> Veiny Pea	-	+	-	-	-	-	++	+	-
<i>Leersia oryzoides</i> Rice Cut Grass	+	-	-	+	+++	+	-	-	+
<i>Leersia virginica</i> White Grass	-	-	-	-	-	-	+	++	+
<i>Lemna</i> spp. Native Small Duckweeds	-	-	-	-	+++	+	-	-	+
<i>Lemna trisulca</i> Forked Duckweed	-	-	-	-	++	-	-	-	-
<i>Lespedeza capitata</i> Round-headed Bush-clover	-	+++	-	-	-	-	++	-	-
<i>Lespedeza leptostachya</i> Prairie Bush-clover	-	++	-	-	-	-	-	-	-
<i>Lespedeza violacea</i> Violet Bush-clover	-	-	-	-	-	-	+	++	-
<i>Leucospora multifida</i> (= <i>Conobea</i>) Cutleaf Mud-Hyssop	++	-	-	-	-	-	-	-	-
<i>Liatris aspera</i> Rough Blazing-star	+	+++	-	-	-	-	++	-	-
<i>Liatris pycnostachya</i> Prairie Blazing-star, Gayfeather	-	+++	+	-	-	-	++	-	-
<i>Liatris scariosa newuwandii</i> Savanna Blazing-star	-	-	-	-	-	-	++	+	-
<i>Liatris spicata</i> Marsh Blazing-star, Dense B.-star	++	++	+++	+	-	++	+	-	-
<i>Lilium michiganense</i> Michigan Lily, Turk's-cap Lily	+	+	++	+	-	+	++	++	-

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<i>Lilium philadelphicum andinum</i> Prairie Lily	-	++	-	-	-	-	+	-	-
<i>Lindernia dubia</i> False Pimpernel	-	-	-	++	++	++	-	-	+
<i>Linum sulcatum</i> Grooved Yellow Flax	-	++	-	-	-	-	-	-	-
<i>Liparis liliifolia</i> Purple Twayblade	-	-	-	-	-	+	+	++	-
<i>Lithospermum canescens</i> Hoary Puccoon	-	++	-	-	-	-	++	-	-
<i>Lithospermum incisum</i> Fringed Puccoon	+	++	-	-	-	-	-	-	-
<i>Lithospermum latifolium</i> American Gromwell									
<i>Lobelia cardinalis</i> Cardinal Flower	-	-	+	+	++	++	-	-	-
<i>Lobelia siphilitica</i> Great Blue Lobelia	+	-	+	++	++	++	-	-	++
<i>Lobelia spicata</i> Spiked Lobelia	+	++	+	-	-	-	++	-	-
<i>Ludwigia alternifolia</i> Seedbox	-	-	+	+	+	-	-	-	-
<i>Ludwigia palustris</i> Marsh Purslane	+	-	-	+	++	+	-	-	-
<i>Ludwigia polycarpa</i> False Loosetrife	++	-	-	-	-	+	-	-	-
<i>Luzula multiflora</i> Wood Rush	-	-	-	-	-	-	+	++	-
<i>Lycopus americanus</i> Common Water Horehound	++	-	+++	++	+	+	-	-	-
<i>Lycopus uniflorus</i> Northern Bugleweed	++	-	+	++	-	+	-	-	-
<i>Lycopus virginicus</i> Southern Bugleweed	+	-	+	+	+	-	-	-	+
<i>Lysimachia ciliata</i> Fringed Loosestrife	++	-	+	+	-	+	++	+	+

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<i>Lysimachia lanceolata</i> Lance-leaved Loosestrife	-	++	-	-	-	-	+	-	-
<i>Lysimachia quadriflora</i> Prairie Loosestrife	++	-	++	++	-	+	-	-	-
<i>Lythrum alatum</i> Winged Loosestrife	++	-	++	+++	+	-	-	-	-
<i>Malus ioensis</i> Prairie Crabapple	-	+	-	-	-	-	++	++	-
<i>Malvastrum hispidum</i> False Mallow	+++	-	-	-	-	-	-	-	-
<i>Melica nitens</i> Tall Melic Grass	-	++	-	-	-	-	++	+	-
<i>Menispermum canadense</i> Moonseed	-	-	-	-	-	-	+	++	+
<i>Mentha arvensis villosa</i> Wild Mint	++	-	++	+++	+	-	-	-	-
<i>Mertensia virginica</i> Virginia Bluebells	-	-	-	-	-	-	+	+++	-
<i>Mimulus ringens</i> Monkey-flower	++	-	+	++	++	++	-	-	++
<i>Minuartia patula</i> (= <i>Arenaria p.</i>) Pitcher's Sandwort	+++	-	-	-	-	-	-	-	-
<i>Moehringia lateriflora</i> (= <i>Arenaria l.</i>) Wood Sandwort	-	-	-	-	-	-	+	++	-
<i>Monarda fistulosa</i> Wild Bergamot	+	+++	-	-	-	-	++	+	+
<i>Morus rubra</i> Red Mulberry	-	-	-	-	-	-	-	+	-
<i>Muhlenbergia cuspidata</i> Prairie Satin Grass, Plains Muhly	++	-	-	-	-	-	-	-	-
<i>Muhlenbergia frondosa</i> Common Satin Grass	+	-	+	-	-	-	++	-	+
<i>Muhlenbergia glomerata</i> Marsh Wild Timothy	+	-	+	++	+	+	-	-	-
<i>Muhlenbergia mexicana</i> Leafy Satin Grass	+	-	++	+	-	-	++	-	++

Scientific Name Common Name	Dolomite Prairie	Upland Typic Prairie	Wet Typic Prairie	Sedge Meadow	Marsh	Seep	Savanna	Forest and Woodland	Perennial Stream/ Riparian
<i>Panicum implicatum</i> Old-field Panic Grass	+	++	-	-	-	-	++	-	-
<i>Panicum latifolium</i> Broad-leaved Panic Grass	-	-	-	-	-	-	-	++	-
<i>Panicum leibergii</i> Prairie Panic Grass	-	+++	-	-	-	-	-	-	-
<i>Panicum oligosanthes scribnerianum</i> Scribner's Panic Grass	+	++	+	-	-	-	++	-	-
<i>Panicum perlongum</i> Long-stalked Panic Grass	-	++	-	-	-	-	-	-	-
<i>Panicum villosissimum</i> Long-haired Panic Grass	+	++	-	-	-	-	+	-	-
<i>Panicum virgatum</i> Switch Grass	++	++	++	+	-	-	++	-	++
<i>Paronychia canadensis</i> Forked Chickweed	-	-	-	-	-	-	+	+	-
<i>Parthenium integrifolium</i> Wild Quinine	-	+++	+	-	-	-	++	+	-
<i>Parthenocissus inserta</i> Thicket Creeper	-	-	-	-	-	-	++	+	++
<i>Parthenocissus quinquefolia</i> Virginia Creeper	-	-	-	-	-	-	+	++	+
<i>Paspalum setaceum</i> Hairy Lens Grass	-	+	-	-	-	-	-	-	-
<i>Pedicularis canadensis</i> Common Lousewort, Wood Betony	-	++	-	-	-	-	++	+	-
<i>Pedicularis lanceolata</i> Swamp Lousewort, Fen Betony	+	-	++	++	-	++	-	-	-
<i>Penstemon calycosus</i> Smooth Beard-tongue	-	++	++	-	-	-	++	+	-
<i>Penstemon digitalis</i> Foxglove Beard-tongue	+	+++	++	-	-	+	+++	+	-
<i>Penstemon hirsutus</i> Hairy Beard-tongue	+++	-	-	-	-	-	-	-	-
<i>Penstemon pallidus</i> Pale Beard-tongue	-	++	-	-	-	-	+	-	-

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<i>Penthorum sedoides</i> Ditch Stonecrop	+	-	+	+	++	+	-	-	+
<i>Perideridia americana</i> Thicket Parsley	++	++	-	-	-	-	++	+	-
<i>Phlox divaricata</i> Wild Blue Phlox	-	-	-	-	-	-	++	+++	-
<i>Phlox glaberrima interior</i> Marsh Phlox	++	-	+++	++	-	+	++	-	-
<i>Phlox pilosa fulgida</i> Prairie Phlox	-	+++	-	-	-	-	+++	+	-
<i>Phryma leptostachya</i> Lopseed	-	-	-	-	-	-	-	++	-
<i>Phyla lanceolata</i> (= <i>Lippia l.</i>) Fog Fruit	++	-	++	+	+	-	-	-	-
<i>Physalis virginiana</i> Lance-leaved Ground Cherry	-	+	-	-	-	-	+	-	-
<i>Physostegia virginiana virginiana</i> Marsh False Dragonhead	++	-	++	+	-	-	-	-	+
<i>Physostegia virginiana arenaria</i> Prairie Obedient Plant	++	+++	+	-	-	-	++	+	-
<i>Pilea fontana</i> Bog Clearweed	-	-	-	-	-	++	-	-	-
<i>Pilea pumila</i> Common Clearweed	+	-	-	++	+	++	-	++	++
<i>Plantago cordata</i> Heart-leaved Plantain	-	-	-	-	-	+	-	-	++
<i>Platanthera lacera</i> Ragged Fringed Orchid	-	++	+	-	-	-	+	-	-
<i>Platanthera leucophaea</i> Eastern Prairie White-fringed Orchid	+	+	++	-	-	-	+	-	-
<i>Platanus occidentalis</i> Eastern Sycamore	-	-	-	-	-	-	-	+	+
<i>Poa sylvestris</i> Woodland Blue Grass	-	-	-	-	-	-	-	++	-
<i>Podophyllum peltatum</i> Mayapple	-	-	-	-	-	-	++	+++	-

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<i>Polemonium reptans</i> Jacob's Ladder	-	+	-	-	-	-	++	+++	-
<i>Polygala sanguinea</i> Field Milkwort	-	++	++	-	-	-	+	-	-
<i>Polygala senega</i> Seneca snakeroot	-	++	-	-	-	-	++	+	-
<i>Polygala verticillata isocycla</i> Whorled Milkwort	+	+	-	-	-	-	+	-	-
<i>Polygonatum caniculatum</i> Common Solomon's Seal	-	-	-	-	-	-	++	++	+
<i>Polygonatum pubescens</i> Downy Solomon's Seal	-	-	-	-	-	-	-	++	-
<i>Polygonum amphibium stipulaceum</i> Water Smartweed, Heartease	+	-	++	++	+++	-	-	-	-
<i>Polygonum coccineum</i> Scarlet Smartweed	++	-	++	++	+	-	-	-	-
<i>Polygonum hydropiper</i> Water Pepper	+	-	-	+	++	-	-	-	-
<i>Polygonum hydropiperoides</i> Mild Water Pepper	++	-	+	++	++	+	-	-	-
<i>Polygonum punctatum</i> Dotted Smartweed	-	-	-	-	-	++	-	++	++
<i>Polygonum ramosissimum</i> Erect Knotweed	++	-	+	-	-	-	-	-	-
<i>Polygonum virginianum</i> Woodland Knotweed									
<i>Polytaenia nuttallii</i> Prairie Parsley	-	++	-	-	-	-	+	-	-
<i>Populus deltoides</i> Eastern Cottonwood	-	-	-	-	-	-	+	+	++
<i>Populus tremuloides</i> Quaking Aspen	-	-	-	-	-	-	+	-	-
<i>Potamogeton nodosus</i> Pondweed	-	-	-	-	+	-	-	-	++
<i>Potentilla arguta</i> Prairie Cinquefoil	++	+++	-	-	-	-	-	-	-

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<i>Potentilla simplex</i> Field Cinquefoil	+	++	+	-	-	-	++	+	-
<i>Prenanthes alba</i> Woodland White Lettuce	-	-	-	-	-	-	+	++	-
<i>Prenanthes aspera</i> Rough White Lettuce	-	++	-	-	-	-	+	-	-
<i>Prenanthes crepidinea</i> Great White Lettuce	-	-	-	-	-	-	-	++	-
<i>Prenanthes racemosa</i> Glaucous White Lettuce	-	+	++	-	-	-	-	-	-
<i>Prunus americana</i> Wid Plum	-	+	-	-	-	-	++	++	-
<i>Prunus serotina</i> Wild Black Cherry	-	-	-	-	-	-	-	++	-
<i>Prunus virginiana</i> Choke Cherry	-	-	-	-	-	-	+	++	-
<i>Psoralea onobrychis</i> French Grass, American Sainfoin	-	+	-	-	-	-	+	-	-
<i>Psoralea tenuiflora</i> Scurfy Pea	+	++	-	-	-	-	-	-	-
<i>Ptelea trifoliata</i> Wafer-ash	-	-	-	-	-	-	+	++	-
<i>Pycnanthemum tenuifolium</i> Slender Mountain-mint	-	++	-	-	-	-	+	-	-
<i>Pycnanthemum virginianum</i> Common Mountain-mint	++	++	+++	+	-	-	++	-	-
<i>Quercus alba</i> White Oak	-	-	-	-	-	-	+	+++	-
<i>Quercus bicolor</i> Swamp White Oak	-	-	-	-	-	-	+	++	-
<i>Quercus imbricaria</i> Shingle Oak	-	-	-	-	-	-	+	+	-
<i>Quercus macrocarpa</i> Bur Oak	-	-	-	-	-	-	++	++	+
<i>Quercus muhlenbergii</i> Chinkapin Oak	-	-	-	-	-	-	+	++	-

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<i>Quercus rubra</i> Northern Red Oak	-	-	-	-	-	-	-	+++	-
<i>Quercus velutina</i> Black Oak	-	-	-	-	-	-	+	++	-
<i>Ranunculus fascicularis</i> Early Buttercup	-	++	-	-	-	-	++	++	-
<i>Ranunculus longirostris</i> White Water Crowfoot	++	-	-	-	++	-	-	-	-
<i>Ranunculus pensylvanicus</i> Bristly Buttercup	-	-	-	++	+	-	-	-	-
<i>Ranunculus recurvatus</i> Hooked Buttercup	-	-	-	-	-	+	-	++	-
<i>Ranunculus septentrionalis</i> Swamp Buttercup	-	-	-	-	-	++	++	+++	++
<i>Ratibida pinnata</i> Yellow Coneflower, Gray-headed C.	+	+++	+	-	-	-	++	+	-
<i>Rhus aromatica</i> Fragrant Sumac	-	+	-	-	-	-	+	++	-
<i>Rhus glabra</i> Smooth Sumac	-	+	-	-	-	-	+	++	-
<i>Ribes americanum</i> Wild Black Currant	-	-	-	-	-	++	+	++	-
<i>Ribes missouriense</i> Missouri Gooseberry	-	-	-	-	-	-	+	++	++
<i>Rorippa palustris fernaldiana</i> Marsh Yellow Cress	++	-	+	++	++	++	-	-	+
<i>Rorippa palustris hispida</i> Hairy Yellow Cress	++	-	-	-	-	-	-	-	-
<i>Rosa blanda</i> Smooth Rose	+	-	+	+	-	-	++	-	+
<i>Rosa carolina</i> Carolina Rose, Pasture Rose	++	++	+	-	-	-	++	+	-
<i>Rosa setigera</i> Prairie Rose, Illinois Rose	+	+	+	-	-	+	++	++	++
<i>Rubus allegheniensis</i> Wild Blackberry	-	+	-	-	-	-	++	++	-

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<i>Salix petiolaris</i> Meadow Willow	-	-	+	+	+	+	-	-	+
<i>Sambucus canadensis</i> Common Elderberry	-	-	-	-	-	-	++	+	+
<i>Sanguinaria canadensis</i> Bloodroot	-	-	-	-	-	-	-	++	-
<i>Sanguisorba canadensis</i> American Burnet	+	-	-	-	-	+	-	-	-
<i>Sanicula canadensis</i> Canada Black Snakeroot	-	-	-	-	-	-	-	++	+
<i>Sanicula odorata</i> (= <i>S. gregaria</i>) Clustered Black Snakeroot	-	-	-	-	-	-	+	++	++
<i>Sassafras albidum</i> Sassafras	-	+	-	-	-	-	++	+	-
<i>Satureja arkansana</i> Low Calamint	+++	-	++	-	-	+	-	-	-
<i>Saururus cernuus</i> Lizard's-tail	-	-	-	-	+	++	-	+	+
<i>Saxifraga pensylvanica</i> Marsh Saxifrage	+	-	++	++	-	+	-	-	-
<i>Scirpus acutus</i> Hard-stemmed Bulrush	-	-	-	+	++	+	-	-	-
<i>Scirpus atrovirens</i> Green Bulrush	++	-	++	++	+	++	-	-	++
<i>Scirpus cyperinus</i> Woolgrass	-	-	-	++	++	+	-	-	-
<i>Scirpus fluviatilis</i> River Bulrush	-	-	-	+	+++	-	-	-	++
<i>Scirpus pendulus</i> Red Bulrush	+++	+	+++	++	+	++	+	-	-
<i>Scirpus pungens</i> (= <i>S. americanus</i>) Chairmaker's Rush	+	-	+	++	+	++	-	-	++
<i>Scirpus validus</i> Soft-stemmed Bulrush, Great Bulrush	-	-	-	+	+++	++	-	-	-
<i>Scleria triglomerata</i> Tall Nutrush	+	-	+	-	-	+	-	-	-

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<i>Scrophularia lanceolata</i> Early Figwort	-	-	-	-	-	-	-	++	+
<i>Scrophularia marilandica</i> Late Figwort	-	-	-	-	-	+	+	++	++
<i>Scutellaria epilobiifolia</i> Marsh Skullcap	-	-	-	-	++	+	-	-	-
<i>Scutellaria lateriflora</i> Mad-dog Skullcap	++	-	-	++	++	++	-	-	-
<i>Scutellaria parvula</i> (inc. <i>S. leonardii</i>) Small Skullcap	+++	++	-	-	-	-	+	-	-
<i>Senecio aureus</i> Golden Ragwort	-	-	-	-	-	++	-	+	-
<i>Senecio pauperculus</i> Balsam Ragwort	++	++	+++	+	-	+	++	-	-
<i>Senecio plattensis</i> Prairie Ragwort	+	++	-	-	-	-	+	-	-
<i>Senna hebecarpa</i> (= <i>Cassia h.</i>) Wild Senna	-	-	+	-	-	++	+	+	+
<i>Senna marilandica</i> (= <i>Cassia m.</i>) Mariland Senna	-	-	-	-	-	-	+	-	+
<i>Sicyos angulatus</i> Bur Cucumber	-	-	-	-	-	-	-	-	++
<i>Silene antirrhina</i> Sleepy Catchfly	++	-	-	-	-	-	-	-	-
<i>Silene regia</i> Royal Catchfly	-	+	-	-	-	-	+	-	-
<i>Silene stellata</i> Starry Champion	-	-	-	-	-	-	++	++	-
<i>Silene virginica</i> Fire Pink	-	-	-	-	-	-	-	++	-
<i>Silphium integrifolium</i> Rosinweed	-	+++	+	-	-	-	++	-	-
<i>Silphium laciniatum</i> Compass Plant	-	+++	+	-	-	-	+	-	-
<i>Silphium perfoliatum</i> Cup Plant	+	-	++	+	-	+	++	++	++

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<i>Silphium terebenthinaceum</i> Prairie Dock	+	+++	++	-	-	+	++	-	-
<i>Sisyrinchium albidum</i> White Blue-eyed Grass	++	++	+	-	-	-	++	-	-
<i>Sisyrinchium angustifolium</i> Slender Blue-eyed Grass	-	-	-	-	-	-	++	+	-
<i>Sium sauve</i> Water Parsnip	-	-	-	+	++	+	-	-	-
<i>Smilacina racemosa</i> False Solomon's Seal	-	-	-	-	-	-	++	++	-
<i>Smilacina stellata</i> Starry Solomon' Seal	-	+	++	-	-	+	++	++	-
<i>Smilax ecirrhata</i> (inc. <i>S. illinoensis</i>) Carrion Flower	-	-	-	-	-	-	-	+	-
<i>Smilax lasioneura</i> Tall Carrion Flower	-	+	-	-	-	-	++	++	-
<i>Smilax hispida</i> Bristly Catbrier	-	-	-	-	-	-	+	++	++
<i>Solidago flexicaulis</i> Zig-zag Goldenrod	-	-	-	-	-	-	-	++	-
<i>Solidago gigantea</i> Giant Goldenrod	++	-	++	+	-	-	++	-	++
<i>Solidago juncea</i> Early Goldenrod	++	++	++	-	-	-	++	-	-
<i>Solidago missouriensis fasciculata</i> Missouri Goldenrod	-	++	-	-	-	-	-	-	-
<i>Solidago nemoralis</i> Gray Goldenrod	-	++	-	-	-	-	++	+	-
<i>Solidago patula</i> Swamp Goldenrod	-	-	-	-	-	++	-	-	-
<i>Solidago riddellii</i> Riddell's Goldenrod	+++	-	++	-	-	+	-	-	-
<i>Solidago rigida</i> Stiff Goldenrod	-	+++	-	-	-	-	++	-	-
<i>Solidago speciosa</i> Showy goldenrod	-	++	-	-	-	-	++	-	-

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<i>Solidago ulmifolia</i> Elm-leaved Goldenrod	-	-	-	-	-	-	++	+++	-
<i>Sorghastrum nutans</i> Indian Grass	++	+++	+	-	-	-	++	-	-
<i>Sparganium chlorocarpum</i> Greenfruited Bur-reed	-	-	-	-	-	-	-	-	+
<i>Sparganium eurycarpum</i> Common Bur-reed	-	-	-	+	+++	+	-	-	-
<i>Spartina pectinata</i> Prairie Cordgrass	++	+	+++	++	-	-	++	-	++
<i>Specularis perfoliata</i> Venus' Looking-glass	-	-	-	-	-	-	+	++	-
<i>Sphenopholis intermedia</i> Slender Wedge Grass	++	-	++	+	-	-	-	-	-
<i>Sphenopholis obtusata</i> Prairie Wedge Grass	++	++	-	-	-	-	++	-	-
<i>Spiraea alba</i> Meadowsweet	-	-	+	+	-	-	-	-	-
<i>Spiranthes cernua</i> Nodding Ladies'-tresses	+	+	++	+	-	++	+	+	-
<i>Spiranthes magnicamporum</i> Great Plains Ladies'-tresses	++	++	+	-	-	-	+	-	-
<i>Spirodela polyrhiza</i> Great Duckweed	-	-	-	-	++	-	-	-	++
<i>Sporobolus asper</i> Rough Dropseed	++	++	-	-	-	-	+	-	-
<i>Sporobolus clandestinus</i> Rough Rush Grass	++	-	-	-	-	-	-	-	-
<i>Sporobolus cryptandrus</i> Sand Dropseed	-	++	-	-	-	-	-	-	-
<i>Sporobolus heterolepis</i> Prairie Dropseed	+++	+++	++	-	-	-	++	-	-
<i>Sporobolus vaginiflorus</i> Sheathed Rush Grass	++	+	-	-	-	-	-	-	-
<i>Stachys palustris homotricha</i> Woundwort	+	-	++	++	-	-	++	-	-

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<i>Stachys tenuifolia hispida</i> Marsh Hedge Nettle	++	+	++	+	-	-	++	-	+
<i>Staphylea trifolia</i> Bladdernut	-	-	-	-	-	+	-	++	-
<i>Stipa spartea</i> Porcupine Grass	+	+++	-	-	-	-	++	-	-
<i>Strophostyles helvula</i> Trailing Wild Bean	-	+	-	-	-	-	+	-	-
<i>Strophostyles leiosperma</i> Small Wild Bean	-	+	-	-	-	-	+	-	-
<i>Symphoricarpos orbiculatus</i> Coralberry	+	+	-	-	-	-	++	+	-
<i>Symplocarpus foetidus</i> Skunk Cabbage	-	-	-	-	-	++	-	+	-
<i>Taenidia integerrima</i> Yellow Pimpernel	-	-	-	-	-	-	+	+	-
<i>Teucrium canadense</i> American Germander	++	+	++	++	-	-	++	+	++
<i>Thalictrum dasycarpum</i> Purple Meadow-rue, Smooth M.	++	-	++	++	+	++	++	+	+
<i>Thalictrum dioicum</i> Early Meadow-rue	-	-	-	-	-	-	-	++	-
<i>Thalictrum revolutum</i> Waxy Meadow-rue, Skunk M.	+	-	++	++	-	+	-	-	-
<i>Thaspium trifoliatum</i> Meadow Parsnip	-	-	-	-	-	-	+	++	-
<i>Thelypteris palustris</i> (= <i>Dryopteris t.</i>) Marsh Fern	-	-	+	++	+	+	-	-	-
<i>Tilia americana</i> American Basswood	-	-	-	-	-	-	+	++	+
<i>Tomanthera auriculata</i> (= <i>Agalinis</i>) Earleaf False-foxtglove	++	++	-	-	-	-	++	-	-
<i>Toxicodendron radicans</i> Poison-ivy	-	-	-	-	-	-	+	++	+
<i>Tradescantia ohioensis</i> Ohio Spiderwort	++	+++	++	-	-	-	++	+	++

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<i>Triadenum virginicum fraseri</i> Marsh St. John's-wort	-	-	-	+	++	+	-	-	-
<i>Trifolium reflexum</i> Buffalo Clover	++	-	-	-	-	-	+	+	-
<i>Trillium flexipes</i> Gleason's White Trillium	-	-	-	-	-	-	-	++	-
<i>Trillium recurvatum</i> Red Trillium, Wakerobin	-	-	-	-	-	-	+	+++	-
<i>Trillium sessile</i> Sessile Trillium, Toad Trillium	-	-	-	-	-	-	-	++	-
<i>Trisoteum aurantiacum</i> Early Horse-gentian	-	-	-	-	-	-	++	++	-
<i>Triosteum perfoliatum</i> Late Horse-gentian	-	-	-	-	-	-	+	++	-
<i>Typha latifolia</i> Common Cattail, Broad-leaved C.	-	-	-	+	+++	+	-	-	-
<i>Ulmus americana</i> American Elm	-	-	-	-	-	-	-	++	+
<i>Ulmus rubra</i> Slippery Elm	-	-	-	-	-	-	-	++	-
<i>Urtica dioica</i> (= <i>U. procera</i>) Tall Nettle	-	-	-	-	+	+	+	+	++
<i>Utricularia macrorhiza</i> (= <i>U. vulgaris</i>) Great Bladderwort	++	-	-	-	++	+	-	-	-
<i>Uvularia grandiflora</i> Bellwort	-	-	-	-	-	-	-	++	-
<i>Valeriana edulis ciliata</i> Hairy Valerian	+	-	++	++	-	-	+	-	-
<i>Valerianella umblicata</i> Northern Corn-salad	++	-	-	-	-	-	-	-	-
<i>Verbena hastata</i> Blue Vervain	++	-	+	++	++	+	++	-	+
<i>Verbena simplex</i> Narrow-leaved Vervain	++	-	-	-	-	-	-	-	-
<i>Verbena stricta</i> Hoary Vervain	++	++	-	-	-	-	-	-	-

Scientific Name Common Name	Dolomite Prairie	Upland Typic Prairie	Wet Typic Prairie	Sedge Meadow	Marsh	Seep	Savanna	Forest and Woodland	Perennial Stream/ Riparian
<i>Verbesina alternifolia</i> Yellow Crownbeard	-	-	-	-	-	-	++	++	++
<i>Vernonia fasciculata</i> Prairie Ironweed	++	++	++	+	-	-	+	-	-
<i>Vernonia missurica</i> Missouri Ironweed	+	+	-	-	-	-	-	-	-
<i>Veronica americana</i> American Brooklime	-	-	-	-	-	++	-	-	-
<i>Veronica scutellata</i> Marsh Speedwell	+	-	-	+	+	++	-	-	-
<i>Veronicastrum virginicum</i> Culver's-root	-	+++	++	-	-	-	++	-	-
<i>Viburnum lentago</i> Nannyberry	-	-	+	-	-	+	++	+	-
<i>Viburnum prunifolium</i> Blackhaw Viburnum	-	-	-	-	-	-	-	++	-
<i>Viburnum rafinesquianum</i> Northern Arrow-wood	-	-	-	-	-	-	+	++	-
<i>Vicia americana</i> American Vetch	++	++	++	-	-	-	+	-	-
<i>Viola fimbriatula</i> Sand Violet	-	++	-	-	-	-	++	+	-
<i>Viola missouriensis</i> Missouri Violet	-	-	-	-	-	-	-	+	+
<i>Viola pedata</i> Bird's-foot Violet	-	+	-	-	-	-	+	+	-
<i>Viola pedatifida</i> Prairie Violet	++	++	-	-	-	-	++	-	-
<i>Viola pubescens</i> Yellow Violet	-	-	-	-	-	-	-	++	-
<i>Viola sororia</i> Common Blue Violet	+	-	+	+	-	+	++	+++	++
<i>Viola striata</i> Cream Violet	-	-	-	-	-	-	-	++	-
<i>Vitis riparia</i> Riverbank Grape	-	-	-	-	-	-	+	++	++

Scientific Name Common Name	Dolomite Prairie	Upland Typic Prairie	Wet Typic Prairie	Sedge Meadow	Marsh	Seep	Savanna	Forest and Woodland	Perennial Stream/ Riparian
<i>Xanthoxylum americanum</i> Prickly-ash	-	-	-	-	-	-	+	+	+
<i>Zizia aptera</i> Heart-leaved Alexanders	-	++	-	-	-	-	-	-	-
<i>Zizia aurea</i> Golden Alexanders	++	++	+++	+	-	++	+++	++	++