

## Planting 1 – “Pasque Flower” Planting Rolling Thunder Unit 1987

I called this planting “Pasque Flower planting” because it is the only place on the preserve that we know of that has that species (it was planted there as plugs (young plants)).

This area was planted in November of 1987 according to maps found in the paper files made by Dennis Lubbs. (There were other areas planted that year, so it is unclear if all of the seed listed in Dennis’ file was planted in the “pasque flower” field on the Rolling Thunder Unit, likely the ones marked DM-(dry mesic) were planted in this planting). The following species were on the 1987 seed list under Dry Mesic (DM) in Sept. of 1987 and likely planted in this planting:

Ane cyl, Amo can, Ast eri, Ast lae, Ast obl, Ast umb, Astrag can, Bap leucophea, Bou cur, Bou hir, Chr cam, Ech pal, Ely can, Gen pub, Hel lae, Hel occ, Kuh eup, Lia asp, Mon fis, Oen bie, Ono his, Par int, Pet pur, Pot arg, Rat pin, Ros car, Rud hir, Sch (And) sco, Sil lac, Sol spe, Sor nut, Spo het, Tep vir.

Beyond that we do not know if it was mowed in the summer following the planting.

Sally Baumgardner determined from her notes that that planting was burned April 27, 1989, March 1990, March 94, and April 16, 1996, March 27 1998. Perhaps in 1992 and 1996.

Still having to remove parsnip (by hand usually) in 2001.

Planting #: 1  
 Planting Name: Pasque Flower Planting  
 Approx Size: N/A  
 Inventory Date: 6/18/2001  
 Recorders Names: Sally Baumgardner  
 Time to Complete N/A  
 Data Entry: Austin Webb, Megan Grey

SCIENTIFIC NAME	COMMON NAME	Frequency Rating	Frequency Rating
Helianthus sp.		?	
Hypericum sp.		?	
Solidago sp.		?	
Asclepias syriaca	Common Milkweed	Abundant (100-300/acre)	
Asclepias verticillata	Whorled Milkweed	Abundant (100-300/acre)	
Monarda fistulosa	Wild Bergamot	Abundant (100-300/acre)	
Penstemon digitalis	Foxglove Beardtongue	Abundant (100-300/acre)	
Salix sp.		Abundant (100-300/acre)	
Trifolium pratense	Red Clover	Abundant (100-300/acre)	
Bromus inermis	Smooth (Hungarian) Brome	Common (5-100/acre)	
Echinacea pallida	Pale Purple Coneflower	Common (5-100/acre)	
Lotus corniculatus	Birdsfoot Trefoil	Common (5-100/acre)	
Melilotus sp.		Common (5-100/acre)	
Parthenium integrifolium	Wild Quinine (Feverfew)	Common (5-100/acre)	
Pastinaca sativa	Wild Parsnip	Common (5-100/acre)	
Phalaris arundinacea	Reed Canary Grass	Common (5-100/acre)	
Silphium integrifolium	Rosinweed	Common (5-100/acre)	
Silphium laciniatum	Compass plant	Common (5-100/acre)	
Typha latifolia	Cattail (Broad-leaved)	Common (5-100/acre)	
Anemone patens (Pulsatilla p.)	Pasque Flower	Rare (1-5/acre)	
Angelica atropurpurea	Alexander's Angelica; Great Angelica	Rare (1-5/acre)	
Cacalia suaveolens	Sweet-scented Indian Plantain	Rare (1-5/acre)	
Carex sp.		Rare (1-5/acre)	
Cirsium arvense	Canada Thistle	Rare (1-5/acre)	
Koeleria cristata (macrantha)	Prairie June Grass	Rare (1-5/acre)	
Silphium terebinthaceum	Prairie Dock	Rare (1-5/acre)	
Silphium perfoliatum	Cup-plant	Rare or Common (1-100/acre)	

Ratibida pinnata	Yellow Coneflower	Very Abundant (they're all over)
Abutilon theophrasti	Velvetleaf	
Acalypha virginica rhomboidea	Three-seeded Mercury	
Acer negundo	Box Elder	
Acer nigrum	Black Maple	
Acer saccharinum	Silver Maple	
Achillea millefolium	Yarrow	
Acorus calamus (americanus)	Sweet Flag	
Actaea rubra	Red Baneberry	
Actinomeris (Verbesina) alternifolia	Wingstem	
Adiantum pedatum	Maidenhair Fern	
Agalinis (Gerardia) purpurea	Purple (Pink) Gerardia	
Agalinis (Gerardia) tenuifolia	Slender False Foxglove	
Agastache nepetoides	Yellow Giant Hyssop	
Agastache scrophulariaefolia	Purple Giant Hyssop	
Agoseris cuspidata** (Nothocalais)	Prairie Dandelion	
Agrimonia gryposepala	Tall (?) Agrimony	
Agrimonia parviflora	Swamp Agrimony	
Agrimonia pubescens	Soft Agrimony	
Agrimonia sp.		
Agropyron repens	Quack Grass	
Agrostis alba	Redtop	
Agrostis hymenalis	Tickle Grass	
Ajuga reptans	Carpet Bugle	
Alisma subcordatum (Plantagoaquatic	Common Water Plantain	
Alliaria petiolata (officinalis)	Garlic Mustard	
Allium canadense	Wild Garlic	
Allium cernuum	Nodding Wild Onion	
Allium tricoccum burdicki	Burdick's Leek	
Ambrosia artemesifolia elatior	Common Ragweed	
Ambrosia psilostachya coronopifolia	Western Ragweed	
Ambrosia trifida	Giant Ragweed	
Amelanchier arborea	Serviceberry	
Amelanchier humilis	Serviceberry	
Amelanchier leavis	Allegheny Shadblow	
Amorpha canescens	Leadplant	
Amorpha fruticosa	Indigo Bush	

<i>Amphicarpa bracteata</i>	Hog Peanut
<i>Amphicarpa bracteata comosa</i>	Lowland Hog Peanut
<i>Andropogon gerardii</i>	Big Bluestem; Turkeyfoot
<i>Andropogon (Schizachyrium) D479 s</i>	Little Bluestem
<i>Anemone canadensis</i>	Meadow Anemone
<i>Anemone caroliniana</i>	Caroline Anemone
<i>Anemone cylindrica</i>	Thimbleweed
<i>Anemone quinquefolia</i>	Wood Anemone
<i>Anemone virginiana</i>	Tall Thimbleweed
<i>Antennaria neglecta</i>	Field Cat's Foot
<i>Antennaria plantaginifolia</i>	Pussy Toes (Everlasting)
<i>Apios Americana</i>	Ground Nut
<i>Apocynum androsaemifolium</i>	Spreading Dogbane
<i>Apocynum cannabinum (X medium)</i>	Dogbane (Indian Hemp)
<i>Apocynum sibiricum</i>	Prairie Indian Hemp
<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 perstellata shortii</i>	Toothed Cress
<i>Arctium minus</i>	Common Burdock
<i>Arenaria (Minuartia) stricta</i>	Stiff Sandwort
<i>Arenaria (Moehringia) lateriflora</i>	Wood Sandwort
<i>Arisaema dracontium</i>	Green dragon
<i>Arisaema triphyllum (atrorubens)</i>	Jack-in-the-Pulpit
<i>Aristida purpurascens</i>	Arrow Feather
<i>Aronia (Pyrus) prunifolia (melanocar)</i>	Black Chokeberry
<i>Aronia prunifolia</i>	Chokeberry
<i>Artemisia caudata (campestris)</i>	Beach Wormwood
<i>Artemisia ludoviciana gnaphalodes</i>	White Sage; Prairie Sage
<i>Artemisia sp.</i>	
<i>Asclepias amplexicaulis</i>	Sand Milkweed
<i>Asclepias hirtella</i>	Hairy Green Milkweed
<i>Asclepias incarnata</i>	Swamp Milkweed
<i>Asclepias lanuginosa **</i>	Woolly Milkweed
<i>Asclepias purpurascens</i>	Purple Milkweed
<i>Asclepias tuberosa interior</i>	Butterfly Weed

<i>Asclepias viridiflora</i>	Short Green Milkweed
<i>Asparagus officinalis</i>	Asparagus
<i>Asplenium platyneuron</i>	Ebony Spleenwort
<i>Aster azureus (oolentangiensis)</i>	Sky-blue Aster
<i>Aster ericoides (prostratus)</i>	Heath Aster
<i>Aster furcatus ***</i>	Forked Aster
<i>Aster laevis</i>	Smooth (Blue)(Silky) Aster
<i>Aster lateriflorus</i>	Calico (Starved) Aster
<i>Aster linariifolius</i>	Stiff Aster (Flax-Leaved)
<i>Aster novae-angliae</i>	New England Aster
<i>Aster oblongifolius</i>	Aromatic Aster
<i>Aster ontarionis (missouriensis)</i>	Ontario Aster
<i>Aster pilosus</i>	Hairy Aster
<i>Aster praealtus</i>	Willow Aster
<i>Aster ptarmicoides</i>	White Aster ( Stiff Aster)
<i>Aster puniceus</i>	Swamp (Purple-stemmed) Aster
<i>Aster puniceus firmus (?)</i>	Shining Aster
<i>Aster sagittifolius drummondii</i>	Drummond's Aster
<i>Aster sericeus</i>	Silky Aster
<i>Aster shortii</i>	Short's Aster
<i>Aster umbellatus</i>	Flat-topped Aster
<i>Astragalus canadensis</i>	Canadian Milk Vetch
<i>Athyrium filix-femina michauxii (angus)</i>	Lady Fern
<i>Atriplex rosea</i>	Red Orache
<i>Aureolaria (Gerardia) grandiflora pulch</i>	Yellow False Foxglove
<i>Aureolaria (Gerardia) pedicularia amb</i>	Clammy False Foxglove
<i>Baptisia leucantha</i>	White Wild Indigo
<i>Baptisia leucophaea</i>	Cream Wild Indigo
<i>Barbarea vulgaris (arcuata)</i>	Winter Cress; Yellow Rocket
<i>Berberis thunbergii</i>	Japanese Barberry
<i>Berteroa incana</i>	Hoary Alyssum
<i>Bidens cernua</i>	Nodding Bur-marigold
<i>Bidens comosa (tripartia)</i>	Swamp Tickseed
<i>Bidens frondosa</i>	Beggar's Ticks
<i>Bidens vulgata</i>	Tall Beggar's Ticks
<i>Boehmeria cylindrica</i>	False Nettle
<i>Boehmeria cylindrica drummon diana</i>	Drummond's False Nettle

Botrychium dissectum dissectum	Cut-leaved Grape Fern Bronze Fern
Botrychium dissectum obliquum	Cut-leaved Grape Fern
Botrychium oneidense	Oneida Grape Fern
Botrychium virginianum	Rattlesnake Fern
Bouteloua curtipendula	Side-Oats Grama
Bouteloua hirsuta	Hairy Grama
Bromus ciliatus	Fringed Brome
Bromus japonicus	Japanese Chess
Bromus pubescens	Woodland Brome
Bromus tectorum	Downy Brome
Bulbostylis capillaris	Hair Sedge
Cacalia atriplicifolia	Pale Indian Plantain
Cacalia plantaginea (tuberosa)	Indian Plantain
Calamagrostis canadensis	Blue Joint Grass
Callirhoe triangulata	Clustered Poppy Mallow
Caltha palustris	Marsh Marigold
Campanula americana	Tall Bellflower
Campanula aparinoides	Marsh Bellflower
Campsis radicans	Trumpet vine
Cannabis sativa	Hemp
Capsella bursa-pastoris	Shepherd's Purse
Cardamine bulbosa	Bulbous Cress
Cardamine pennsylvanica	Pennsylvania Bitter Cress
Carduus nutans	Nodding Thistle (Musk Thistle)
Carex aggregata	Smooth Clustered Sedge
Carex annectens xanthocarpa	Small Yellow Fox Sedge
Carex bicknellii	Copper-shouldered oval Sedge
Carex blanda	Common wood sedge
Carex brevior	Plains Oval Sedge
Carex buxbaumii	Dark-scaled Sedge
Carex cephaloidea	Rough-clustered Sedge
Carex cephalophora	Woodbank Sedge
Carex comosa	Bristly Sedge
Carex cristatella	Crested Oval Sedge
Carex emoryi	Riverbank Sedge
Carex festucacea	Fescue Oval Sedge
Carex gracilima	Graceful Sedge

Carex gravida	Long-awned Bracted sedge
Carex grisea	Wood Gray edge
Carex haydenii (stricta)	Long-scaled Tussock sedge
Carex hirtifolia	Hairy Wood Sedge
Carex hystericina "hystericina"	Porcupine (Bottlebrush) Sedge
Carex interior	Prairie Star Sedge
Carex jamesii	Grass Sedge
Carex lacustris	Common Lake Sedge
Carex laevivaginata	Smooth-sheathed Fox Sedge
Carex molesta	Field Oval Sedge
Carex muhlenbergii	Sand bracted sedge
Carex muhlenbergii (enervis)	Sand Bracted Sedge (Muhlenberg's)
Carex normalis	Spreading Oval sedge
Carex pellita (lanuginosa)	Broad-leaved Woolly Sedge
Carex pennsylvanica	Common Oak (Penn) Sedge
Carex pennsylvanica	Common oak sedge
Carex praegracilis	Expressway Sedge
Carex richardsonii	Prairie Hummock sedge
Carex rosea (C. convoluta)	Curly-styled Wood Sedge
Carex sartwellii	Running Marsh Sedge
Carex scoparia	Lance-fruited Oval (Broom) Sedge
Carex siccata (foenea)	Running Savanna Sedge
Carex spargainoides	Loose-headed Bracted Sedge
Carex stipata	Common Fox Sedge
Carex stricta	Tussock Sedge
Carex suberecta	Wedge-fruited Oval Sedge
Carex tenera	Narrow-leaved Oval Sedge
Carex tetanica	Common stiff Sedge
Carex tribuloides	Awl-fruited Oval Sedge
Carex trichocarpa	Hairyfruited Lake Sedge
Carex umbellata	Early Oak Sedge
Carex vulpinoidea	Brown Fox Sedge
Carpinus caroliniana	Blue Beech (Am. Hornbeam)
Carya cordiformis	Bitternut Hickory
Carya ovata	Shagbark Hickory
Cassia fasciculata	Partridge Pea
Cassia hebecarpa	Wild Senna

Cassia nictitans	Wild sensitive plant
Castilleja sessiliflora **	Downy Yellow Painted Cup
Catalpa Speciosa	Catalpa
Caulophyllum thalictroides	Blue Cohosh
Ceanothus americanus	New Jersey Tea
Celtis occidentalis	Hackberry
Cenchrus longispinus	Sandbur
Centaurea maculosa	Spotted Knapweed
Cephalanthus occidentalis	Buttonbush
Cerastium vulgatum	Mouse-ear Chickweed
Chaerophyllum procumbens	Streambank Chervil
Chelone glabra	Turtlehead
Chenopodium album (missouriense)	White Goosefoot; Lamb's quarters
Chenopodium standleyanum	Woodland Goosefoot
Chrysanthemum leucanthemum	Ox-eye Daisy
Chrysopsis camporum	Golden aster
Chrysopsis camporum (Heterotheca)	Golden Prairie Aster
Cichorium intybus	Chickory
Cinna arundinacea	Common Wood Reed
Circaea lutetiana canadensis	Enchanter's Nightshade
Cirsium discolor	Pasture Thistle
Cirsium hillii *** (pumilum)	Hill's Thistle
Cirsium muticum	Swamp Thistle
Cirsium vulgare	Bull Thistle
Claydonia furcata	Reindeer Lichen
Claydonia squamul	
Claytonia virginica	Spring Beauty
Clematis virginiana	Virgin's Bower
Comandra umbellata (richardsiana)	False Toadflax
Conium maculatum	Poison Hemlock
Convolvulus (Calystegia) sepium	Hedge Bindweed
Convolvulus arvensis	Field Bindweed
Coreopsis lanceolata	Sand Coreopsis
Coreopsis palmata	Prairie Coreopsis
Coreopsis tripteris	Tall Coreopsis
Cornus obliqua	Pale Dogwood
Cornus racemosa	Gray Dogwood



<i>Cornus stolonifera</i>	Red-Osier Dogwood
<i>Corylus americana</i>	American Hazelnut
<i>Crataegus coccinea</i> ( <i>holmesiana</i> )	Scarlet Hawthorn
<i>Crataegus crus-galli</i>	Cockspur Hawthorn
<i>Crataegus mollis</i>	Downy Hawthorn
<i>Crataegus pruinosa</i>	Frosted Hawthorn
<i>Crataegus punctata</i>	Dotted Hawthorn
<i>Cryptotaenia canadensis</i>	Honewort
<i>Cuscuta campestris</i>	Field Dodder
<i>Cuscuta gronovii</i>	Common Dodder
<i>Cynoglossum officinale</i>	Hound's Tongue
<i>Cyperus filiculmis</i>	Slender Sand Sedge
<i>Cyperus</i> sp.	
<i>Cyperus strigosus</i>	Long-scaled Nut Sedge
<i>Cystopteris fragilis protrusa</i>	Fragile Fern
<i>Dactylis glomerata</i>	Orchard Grass
<i>Danthonia spicata</i>	Poverty Oat Grass
<i>Datura stramonium</i>	Jimson Weed
<i>Daucus carota</i>	Queen Anne's Lace
<i>Dentaria laciniata</i>	Toothwort
<i>Desmodium canadense</i>	Showy Tick Trefoil
<i>Desmodium glutinosum</i>	Pointed Tick Trefoil
<i>Desmodium illinoense</i>	Ill. Tick Trefoil
<i>Desmodium</i> sp.	
<i>Dianthus armeria</i>	Deptford Pink
<i>Dicentra cucullaria</i>	Dutchman's Breeches
<i>Digitaria ischaemum</i>	Hairy Crab Grass
<i>Dodecatheon meadia</i>	Shooting Star
<i>Draba reptans</i>	Whitlow Cress (Grass)
<i>Dryopteris cristata</i> ( x <i>bootii</i> )	Crested Wood (Shield) Fern
<i>Dryopteris intermedia</i> ( <i>spinulosa</i> )	Florist's Wood Fern
<i>Dryopteris spinulosa</i> ( <i>carthusiana</i> )	Spinulose Wood Fern
<i>Dryopteris thelypteris pubescens</i> (The	Marsh Shield Fern
<i>Echinacea purpurea</i>	Broad-leaved Purple coneflower
<i>Echinochloa crusgalli</i>	Barnyard Grass
<i>Echinocystis lobata</i>	Wild Cucumber
<i>Elaeagnus angustifolia</i>	Russian Olive

<i>Elaeagnus umbellata</i>	Autumn Olive
<i>Eleocharis elliptica</i>	Golden-seeded Spike Rush
<i>Eleocharis erythropoda</i> (calva)	Red-rooted Spike Rush
<i>Eleocharis obtusa</i> (ovata)	Blunt spike Rush
<i>Eleocharis tenuis verrucosa</i>	Slender Spike Rush
<i>Ellisia nyctelea</i>	Aunt Lucy
<i>Elymus canadensis</i>	Prairie Wild Rye
<i>Elymus riparius</i>	Riverbank Wild Rye
<i>Elymus villosus</i>	Silky Wild Rye
<i>Elymus virginicus</i>	Va. Wild Rye
<i>Epilobium coloratum</i>	Cinnamon Willow Herb
<i>Equisetum arvense</i>	Horsetail
<i>Equisetum hyemale affine</i>	Tall Scouring Rush
<i>Equisetum laevigatum</i> (hymenale i. / k	Smooth Scouring Rush
<i>Eragrostis cilianensis</i>	Stink Grass
<i>Eragrostis spectabilis</i>	Purple Love Grass
<i>Erechtites hieracifolia</i>	Fireweed
<i>Erigeron</i> ( <i>Conyza</i> ) <i>canadensis</i>	Horseweed
<i>Erigeron annuus</i>	Annual Fleabane
<i>Erigeron philadelphicus</i>	Marsh Fleabane
<i>Erigeron strigosus</i>	Daisy Fleabane
<i>Eriophorum angustifolium</i> ** (viridi-car	Narrow-leaved (Tall) Cotton Grass
<i>Eryngium yuccifolium</i>	Rattlesnake Master
<i>Eupatorium altissimum</i>	Tall Boneset
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed
<i>Eupatorium perfoliatum</i>	Boneset
<i>Eupatorium purpureum</i>	Purple Joe-Pye Weed
<i>Eupatorium rugosum</i>	White Snakeroot
<i>Eupatorium serotinum</i>	Late Boneset
<i>Euphorbia corollata</i>	Flowering Spurge
<i>Festuca elatior</i> (arundinacea)	Tall Fescue
<i>Festuca obtusa</i> (subverticillata)	Nodding Fescue
<i>Filipendula rubra</i> **	Queen-of-the-Prairie
<i>Floerkea proserpinacoides</i>	False Mermaid
<i>Fragaria virginiana</i>	Wild Strawberry
<i>Fraxinus pennsylvanica</i> ????	Red Ash
<i>Fraxinus americana</i>	White Ash

<i>Fraxinus pennsylvanica subinterrima</i>	Green Ash
<i>Galium aparine</i>	Annual Bedstraw, Cleavers
<i>Galium borale</i>	Northern Bedstraw
<i>Galium circaezans hypomala cum</i>	Hairy Wild Licorice
<i>Galium concinnum</i>	Shining Bedstraw
<i>Galium obtusum</i>	Wild Madder
<i>Galium triflorum</i>	Sweet-Scented Bedstraw
<i>Gaura biennis pitcheri (longiflora)</i>	Common Gaura
<i>Gentiana (alba) flavida</i>	Cream Gentian
<i>Gentiana (Gentianopsis) crinita</i>	Fringed Gentian
<i>Gentiana andrewsii</i>	Bottle (or Closed) Gentian
<i>Gentiana purberulenta</i>	Prairie Gentian
<i>Gentiana saponaria</i>	Soapwort Gentian
<i>Geranium columbinum</i>	Long-stalked Cranesbill
<i>Geranium maculatum</i>	Wild Geranium
<i>Geranium sibiricum</i>	Siberian Cranesbill
<i>Geum aleppicum strictum</i>	Yellow Avens
<i>Geum canadense</i>	White Avens; Wood Avens
<i>Geum triflorum</i>	Prairie Smoke (Long-plumed Purple Avens)
<i>Glechoma hederacea micrantha</i>	Creeping Charlie (Gill-over-the-ground)
<i>Gleditsia triacanthos</i>	Honey Locust
<i>Glyceria striata</i>	Fowl Manna Grass
<i>Glycine Max</i>	Soy Bean
<i>Gnaphalium obtusifolium</i>	Sweet Everlasting (Old-Field Balsam)
<i>Gratiola neglecta</i>	Clammy Hedge Hyssop
<i>Grindelia squarrosa</i>	Gum Plant (Gumweed)
<i>Habenaria (Platenthera) hyperborea</i>	N. Bog Orchid
<i>Habenaria (Platenthera) lacera</i>	Ragged Fringed Orchid
<i>Hackelia virginiana</i>	Stickseed
<i>Hedoma hispida</i>	Rough Pennyroyal
<i>Helenium autumnale</i>	Sneezeweed
<i>Helianthemum canadense</i>	Common Rockrose (Frostweed)
<i>Helianthus grosseserratus</i>	Sawtooth Sunflower
<i>Helianthus hirsutus</i>	Hispid sunflower
<i>Helianthus mollis</i>	Hairy Sunflower
<i>Helianthus occidentalis</i>	Western Sunflower; Naked S.
<i>Helianthus rigidus (laetiflorus)</i>	Prairie Sunflower

<i>Helianthus tuberosus</i>	Jerusalem Artichoke
<i>Heliopsis helianthoides</i>	False Sunflower; " Ox-eye "
<i>Hemerocallis fulva</i>	Orange Daylily
<i>Hepatica acutiloba</i>	Sharp-lobed Hepatica
<i>Hesperis matronalis</i>	Dame's Rocket
<i>Heuchera richardsonii grayana</i>	Rough Heuchera; Alum root
<i>Hibiscus trionum</i>	Flower-of-an-Hour
<i>Hieracium caespitosum (pratense)</i>	Field Hawkweed
<i>Hieracium canadense</i>	Canada Hawkweed
<i>Hieracium gronovii</i>	Hairy Hawkweed
<i>Hieracium longipilum</i>	Long-Bearded Hawkweed
<i>Hieracium scabrum</i>	Rough Hawkweed
<i>Hierochloa odorata</i>	Sweet or Vanilla Grass
<i>Hordeum jubatum</i>	Squirrel-tail Grass
<i>Houstonia (Hedyotis) longifolia (canad)</i>	Long-Leaved Bluets
<i>Houstonia (Hedyotis) nigricans</i>	Narrow-leaved Bluets
<i>Humulus lupulus</i>	Common Hop
<i>Hydrophyllum virginianum</i>	Virginia Waterleaf
<i>Hypericum (Triadenum) virginicum fra</i>	Marsh St. Johnswort
<i>Hypericum canadense</i>	Canadian St. Johnswort
<i>Hypericum gentianoides</i>	Orange Grass
<i>Hypericum majus</i>	Sand St. Johnswort
<i>Hypericum perforatum</i>	Common St. Johnswort
<i>Hypericum punctatum</i>	Spotted St. Johnswort
<i>Hypericum pyramidatum</i>	Great St. Johnswort
<i>Hypericum spaerocarpum</i>	Round-fruited St. Johnswort
<i>Hypoxis hirsuta</i>	Yellow Star Grass
<i>Hystrix patula (Elymus hystrix)</i>	Bottlebrush Grass
<i>Impatiens capensis (biflora)</i>	Spotted Touch-Me-Not (Jewelweed)
<i>Impatiens pallida</i>	Pale Touch-Me-Not (Jewelweed)
<i>Ipomea hederacea</i>	Ivy-Leaved Morning Glory
<i>Ipomoea pandurata</i>	Wild Sweet Potato
<i>Iris virginica shrevei</i>	Blue Flag
<i>Isanthus (Trichostema) brachiatus (m)</i>	False Pennyroyal
<i>Juglans nigra</i>	Black Walnut
<i>Juncus canadensis</i>	Canadian Rush
<i>Juncus dudleyi</i>	Dudley's Rush

Juncus greenei	Greene's Rush
Juncus interior	Inland Rush
Juncus marginatus	Grass-leaved Rush
Juncus tenuis	Path Rush
Juncus torreyi	Torrey's Rush
Juniperus virginiana crebra	Eastern Red Cedar
Krigia biflora	Two-flowered Cynthia (False Dandelion)
Krigia virginica	Dwarf Dandelion
Kuhnia (Brickellia) eupatoroides coryn	False Boneset
Lactuca canadensis	Wild Lettuce
Lactuca floridana	Blue Lettuce
Lactuca serriola (scariola)	Prickly Lettuce
Laportea canadensis	Wood Nettle
Lathyrus palustris myrtlifolius	Marsh Vetchling
Lechea stricta	Bushy Pinweed
Lechea tenuifolia	Slender-Leaved Pinweed
Lechea villosa (mucronata)	Hairy Pinweed
Leersia oryzoides	Rice Cut Grass
Lemna miniscula (minuta)	Dinky Duckweed
Lemna minor	Small duckweed
Leonurus cardiaca	Motherwort
Leonurus marrubiastrum	Lion's Tail
Lepidum virginicum	Common Peppergrass
Lespedeza capitata --	Round-headed Bush Clover
Lespedeza capitata X leptostachya	HYBRID Bush Clover
Lespedeza leptostachya ****	Prairie Bush Clover
Leucobryum glucum	
Liatris aspera	Rough Blazing-star (Rough Gayfeather)
Liatris cylindracea	Dwarf Blazingstar
Liatris pycnostachya	Tall Gayfeather; Prairie Blazing Star
Lilium michiganense	Turk's Cap lily
Lilium philadelphicum andinum	Prairie Lily; Wood Lily; Western Lily
Linaria canadensis	Blue Toadflax
Linaria vulgaris	Butter-'n-Eggs
Linum sulcatum	Groved Yellow Flax
Linum usitatissimum	Common Flax
Liparis liliifolia	Purple Twayblade

Lithospermum canescens	Hoary Puccoon
Lithospermum incisum	Fringed (Narrow-leaved) Puccoon
Lobelia cardinalis	Cardinal Flower
Lobelia inflata	Indian Tobacco
Lobelia siphilitica	Great Lobelia
Lobelia spicata	Pale-spike Lobelia
Lolium perenne	Perennial Rye Grass
Lonicera maackii	Amur Honeysuckle
Lonicera muendeniense	Common Fly Honeysuckle
Lonicera prolifera	Yellow Honeysuckle
Lonicera x bella	Showy Fly Honeysuckle
Ludwigia palustris americana	Marsh Purslane
Lupinus perennis	Wild Lupine
Lychnis alba	White Champion
Lycopus americanus	Common Water Horehound
Lycopus uniflorus	Northern Bugle Weed
Lysimachia ciliata	Fringed Loosestrife
Lysimachia lanceolata	Lance-Leaved Loosestrife
Lysimachia quadriflora	Narrow-Leaved (Whorled) Loosestrife
Lysimachia thrysiflora	Tufted Loosestrife
Lythrum alatum	Winged Loosestrife
Maclura pomifera	Osage Orange
Malus pumila	Apple
Malus ioensis	Iowa Crab
Malva neglecta	Common Mallow; Cheeses
Medicago lupulina	Black Medic
Medicago sativa	Alfalfa
Melilotus alba	White Sweet Clover
Melilotus officinalis	Yellow Sweet Clover
Menispermum canadense	Moonseed
Mentha arvensis villosa	Wild Mint
Mertensia virginica	Virginia Bluebells
Mimulus glabratus fremontii **	Yellow Monkey Flower
Mimulus ringens	Monkey Flower
Mirabilis nyctaginea (oxybaphus)	Four O'Clock
Mitella diphylla	Bishop's Cap; Mitrewort
Mnium affine	

<i>Monarda punctata villicualis</i>	Horse Mint
<i>Morus alba</i>	White Mulberry
<i>Morus rubra</i>	Red Mulberry
<i>Muhlenbergia frondosa</i>	Common Satin Grass
<i>Muhlenbergia glomerata</i>	Marsh Wild Timothy
<i>Muhlenbergia mexicana</i>	Leafy Satin Grass
<i>Muscari botryoides</i>	Grape Hyacinth
<i>Napaea dioica</i>	Glade Mallow
<i>Nasturtium officinale</i>	Water Cress
<i>Nepeta cataria</i>	Catnip
<i>Oenothera biennis canescens</i>	Common Evening Primrose
<i>Oenothera clelandii (rhombipetala)</i>	Sand Evening Primrose
<i>Onoclea sensibilis</i>	Sensitive Fern
<i>Onosmodium hispidissimum</i>	Marbleseed
<i>Opuntia humifusa (compressa)</i>	Prickly Pear Cactus
<i>Orchis (Galearis) spectabilis</i>	Showy Orchis
<i>Ornithogalum umbellatum</i>	Star of Bethlehem
<i>Osmorhiza claytonii</i>	Hairy Sweet Cicely
<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely
<i>Osmunda claytoniana</i>	Interrupted Fern
<i>Ostrya virginica</i>	Hop Hornbeam
<i>Oxalis europaea (stricta)</i>	Tall Wood Sorrel
<i>Oxalis stricta (dillenii)</i>	Yellow Wood Sorrel
<i>Oxalis violacea</i>	Violet Wood-sorrel
<i>Oxypolis rigidior</i>	Cowbane
<i>Panicum capillare</i>	Old Witch Grass
<i>Panicum depauperatum</i>	Starved Panic Grass
<i>Panicum dichotomiflorum</i>	Knee Grass
<i>Panicum implicatum (languinosa)</i>	Old-field Panic Grass
<i>Panicum latifolium (bosicii)</i>	Broad-leaved Panic Grass
<i>Panicum leibergii</i>	Prairie Panic Grass
<i>Panicum lindheimeri</i>	Smooth Wolly Panic Grass
<i>Panicum oligosanthos scribneria</i>	Scribner's Panic Grass
<i>Panicum perlongum</i>	Long-stalked Panic Grass
<i>Panicum villosissimum</i>	White-Haired Panic Grass
<i>Panicum virgatum</i>	Prairie Switch Grass
<i>Parietaria pennsylvanica</i>	Pellitory

<i>Parnassia glauca</i>	Grass of parnassus
<i>Paronychia canadensis</i>	Tall Forked Chickweed
<i>Parthenocissus quinquefolia</i>	Virginia Creeper (American Ivy)
<i>Paspalum ciliatifolium muhlenbergii</i>	Hairy Lens Grass
<i>Paspalum ciliatifolium stramineum</i>	Downy Lens Grass
<i>Pedicularis lanceolata</i>	Fen (Swamp) Betony; Lousewort
<i>Penstemon grandiflorus</i> **	Large-flowered Beard tongue
<i>Penstemon hirsutus</i>	Hairy Beard tongue
<i>Penstemon pallidus</i>	Pale Beard Tongue
<i>Penthorum sedoides</i>	Ditch Stonecrop
<i>Petalostemum (Dalea) candidum</i>	White Prairie Clover
<i>Petalostemum (Dalea) purpureum</i>	Purple Prairie Clover
<i>Phleum pratense</i>	Timothy
<i>Phlox divaricata</i>	Woodland Phlox (Blue Phlox)
<i>Phlox maculata</i>	Sweet William Phlox
<i>Phyrma leptostachya</i>	Lopseed
<i>Physalis heterophylla</i>	Clammy Ground cherry
<i>Physalis pubescens</i>	Hairy Ground Cherry
<i>Physalis subglabrata</i>	Tall Ground Cherry
<i>Physalis virginiana (lanceolata)</i>	Lance-leaved Ground Cherry
<i>Physocarpus opulifolius</i>	Ninebark
<i>Physostegia virginiana arenaria</i>	Prairie Obedient Plant
<i>Phytolacca americana</i>	Pokeweed
<i>Pilea fontana</i>	Bog Clearweed
<i>Pilea pumila</i>	Clearweed
<i>Pinus strobus</i>	White Pine
<i>Plantago aristata</i>	Poor Joe; Bracted plantain
<i>Plantago lanceolata</i>	English Plantain
<i>Plantago major</i>	Common Plantain
<i>Plantago patagonica (purshii)</i>	Woolly Plantain
<i>Plantago rugelii</i>	Red-stalked Plantain
<i>Plantago virginica</i>	Dwarf Plantain
<i>Platanus occidentalis</i>	Sycamore
<i>Poa compressa</i>	Canada Blue Grass
<i>Poa palustris</i>	Marsh blue Grass
<i>Poa pratensis</i>	Kentucky Blue Grass
<i>Podophyllum peltatum</i>	May Apple



<i>Polemonium reptans</i>	Jacob's Ladder
<i>Polygala incarnata</i> **	Pink Milkwort
<i>Polygala polygama obtusata</i>	Purple Milkwort
<i>Polygala sanguinea</i>	Field Milkwort
<i>Polygala verticillata isocycla</i>	Short Whorled Milkwort
<i>Polygonatum canaliculatum</i> (commuta	Smooth Solomon's Seal
<i>Polygonum</i> (Tovara) <i>virginianum</i>	Woodland Knotweed
<i>Polygonum achoreum</i>	Beak-seeded Knotweed
<i>Polygonum arenastrum</i>	Sidewalk Knotweed
<i>Polygonum aviculare</i>	Knotweed
<i>Polygonum buxiforme</i>	Boxwood Knotweed
<i>Polygonum ceptiosum</i>	Long-bristled Smartweed
<i>Polygonum coccineum</i>	Water Heartease
<i>Polygonum convolvulus</i>	Black Bindweed
<i>Polygonum hydropiper</i>	Water Pepper
<i>Polygonum pennsylvanicum laevigatu</i>	Pinkweed
<i>Polygonum persicaria</i>	Lady's Thumb
<i>Polygonum sagittatum</i>	Arrowleaf Tear Thumb
<i>Polygonum scandens</i>	Climbing False Buckwheat
<i>Polygonum tenue</i>	Slender Knotweed
<i>Polypodium virginianum</i> (vulgare)	Polypody
<i>Polytaenia nuttallii</i>	Prairie Parsley
<i>Populus deltoides</i>	Cottonwood
<i>Populus tremuloides</i>	Quaking aspen
<i>Potentilla argentea</i>	Silvery Cinquefoil
<i>Potentilla arguta</i>	Prairie Cinquefoil
<i>Potentilla norvegica</i>	Norway Cinquefoil
<i>Potentilla recta</i>	Rough-fruited Cinquefoil
<i>Potentilla simplex</i> (canadensis)	Common Cinquefoil (incl. Dwarf)
<i>Prenanthes alba</i>	White Lettuce, Lion's Foot
<i>Prenanthes crepidinea</i>	Tall Wh. Lettuce
<i>Prunella vulgaris lanceolata</i> (elongata)	Heal-all; Self-heal
<i>Prunus americana</i>	Wild Plum
<i>Prunus serotina</i>	Wild Black Cherry
<i>Prunus virginiana</i>	Choke Cherry
<i>Ptelea trifoliata</i>	Wafer Ash, Hop Tree
<i>Pteridium aquilinum latiusculum</i>	Bracken Fern

<i>Pycnanthemum tenuifolium</i>	Narrow-leaved Mountain Mint
<i>Pycnanthemum virginianum</i>	Mountain mint (Prairie Hyssop)
<i>Quercus alba</i>	White Oak
<i>Quercus coccinea (ellipsoidalis)</i>	Scarlet Oak
<i>Quercus macrocarpa</i>	Bur Oak
<i>Quercus rubra</i>	Red Oak
<i>Quercus velutina</i>	Black Oak
<i>Ranunculus abortivus</i>	Small-flowered Buttercup
<i>Ranunculus ficularis</i>	Early Buttercup
<i>Ranunculus flabellaris</i>	Yellow Water Crowfoot
<i>Ranunculus recurvatus</i>	Hooked Buttercup
<i>Ranunculus septentrionalis</i>	Swamp Buttercup
<i>Raphanus raphanistrum</i>	Wild Radish
<i>Rhamnus cathartica</i>	Common Buckthorn
<i>Rhus (Toxiodendron) radicans</i>	Poison ivy
<i>Rhus glabra</i>	Smooth Sumac
<i>Ribes americanum</i>	Wild Black Currant
<i>Ribes cynosbati</i>	Prickly Wild Gooseberry
<i>Ribes missouriense</i>	Wild Gooseberry
<i>Ricciocarpus natens</i>	----- Liverwort
<i>Robinia pseudoacacia</i>	Black Locust
<i>Rorippa palustris fernaldiana ( islandic</i>	Marsh Cress
<i>Rosa blanda</i>	Early wild Rose
<i>Rosa carolina</i>	Pasture Rose
<i>Rosa multiflora</i>	Multiflora Rose
<i>Rubus allegheniensis</i>	Common Blackberry
<i>Rubus enslenii</i>	One-flowered Dewberry
<i>Rubus flagellaris</i>	Dewberry
<i>Rubus idaeus strigosus</i>	Red Raspberry
<i>Rubus occidentalis</i>	Black Raspberry
<i>Rubus pennsylvanicus</i>	Yankee Blackberry
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia sp.</i>	
<i>Rudbeckia subtomentosa</i>	Sweet Blackeyed Susan
<i>Rudbeckia triloba</i>	Brown-eyed Susan
<i>Ruellia humilis</i>	Wild Petunia
<i>Rumex acetosella</i>	Field Sorrel (Sheep Sorrel)

Rumex altissimus	Pale Dock
Rumex crispus	Curly Dock
Rumex orbiculatus	Great Water dock
Rumex verticillatus	Swamp Dock
Sagittaria latifolia	Common Arrowhead
Salix discolor	Pussy Willow
Salix eriocephala	Heart-leaved Willow
Salix humilis	Prairie Willow
Salix interior (exigua)	Sandbar Willow
Salix nigra	Black Willow
Salix petiolaris	Petioled Willow
Salix X Rubens	Hybrid Crack Willow
Sambucus canadensis	Elderberry
Sanguinaria canadensis	Bloodroot
Sanicula canadensis	Canadian Black Snakeroot
Sanicula gregaria	Clustered Black Snakeroot
Sanicula marilandica	Black Snakeroot
Saponaria officinalis	Bouncing Bet; Soapwort
Saxifraga pennsylvanica	Swamp Saxifrage
Scirpus atrovirens	Dark Green Rush
Scirpus cyperinus	Wool Grass
Scirpus fluviatilis	River Bulrush
Scirpus paludosus (maritimus)	Alkali Bulrush
Scirpus validus creber (tabernaemontana)	Great Bulrush
Scrophularia lanceolata	Early figwort
Scrophularia marilandica	Late Figwort
Scutellaria lateriflora	Mad-dog Skullcap
Scutellaria ovata versicolor	Heart-leaved Skullcap
Scutellaria parvula leonardi	Small Skullcap
Selaginella rupestris	Sand Club moss
Senecio pauperculus	Balsam Ragwort
Senecio plattensis	Prairie Ragwort
Setaria faberi	Giant Foxtail
Setaria glauca (lutescens)	Yellow Foxtail
Setaria sp.	
Setaria viridis	Green Foxtail
Setaria viridis major	Giant Green Foxtail

<i>Seymeria (Dasistoma) macrophylla</i>	Mullein foxglove
<i>Sicyos angulatus</i>	Bur Cucumber
<i>Silene antirrhina</i>	Sleepy Catchfly
<i>Silene cucubalus</i>	Bladder campion
<i>Silene stellata</i>	Starry Campion
<i>Silphium integrifolium deamii</i>	Rosinweed
<i>Sisymbrium altissimum</i>	Tumble Mustard
<i>Sisymbrium officinale</i>	Hedge Mustard
<i>Sisyrinchium albidum</i>	Common Blue-eyed Grass
<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed Grass
<i>Sium suave</i>	Tall Water Parsnip
<i>Smilacina racemosa (Maianthemum)</i>	Solomon's Plume
<i>Smilacina stellata (Maianthemum)</i>	Starry False Solomon's Seal
<i>Smilax ecirrata</i>	Upright Carrion flower
<i>Smilax lasioneura</i>	Common Carrion flower
<i>Smilax rotundifolia</i>	Green Brier; Cat Brier
<i>Smilax tamnoides hispida</i>	Bristly Green Brier
<i>Solanum americanum (ptycanthum)</i>	Black Nightshade
<i>Solanum carolinense</i>	Horse Nettle
<i>Solanum rostratum (cordnutum)</i>	Buffalo bur
<i>Solidago (Euthamia) graminifolia</i>	Viscid Bushy Goldenrod
<i>Solidago (Euthamia) graminifolia nutta</i>	Grass-leaved Goldenrod
<i>Solidago (Euthamia) gymnospermoides</i>	Viscid Grass-leaved Goldenrod
<i>Solidago altissima</i>	Tall goldenrod
<i>Solidago canadensis</i>	Canada Goldenrod
<i>Solidago gigantea</i>	Late Goldenrod
<i>Solidago juncea</i>	Early Goldenrod
<i>Solidago missouriensis fasciculata</i>	Missouri Goldenrod
<i>Solidago nemoralis</i>	Gray Goldenrod; Oldfield
<i>Solidago ohioensis</i>	Ohio 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
<i>Solidago uliginosa</i>	Bog Goldenrod
<i>Solidago ulmifolia</i>	Elm-leaved Goldenrod
<i>Sonchus uliginosus (arvensis glabras)</i>	Common Sow Thistle

Sorghastrum nutans	Indian Grass
Spartina pectinata	Prairie Cord Grass
Specularia (Triodanis) perfoliata	Venus' Looking Glass
Sphenopholis intermedia (obtusata m	Slender Wedge Grass
Spiraea alba	Meadowsweet
Spiranthes cernua	Nodding Ladies Tresses
Spiranthes lacera	Slender Ladies Tresses
Sporobolus asper	Rough Dropseed
Sporobolus cryptandrus	Sand Dropseed
Sporobolus heterolepis	Prairie Dropseed
Stachys palustris homotricha	Woundwort
Stachys tenuifolia	Smooth Hedge Nettle
Staphylea trifolia	Bladdernut
Stellaria longifolia	Stichwort
Stellaria media	Chickweed
Stellaria pubera	Great Chickweed
Stipa spartea	Porcupine Grass
Symplocarpus foetidus	Skunk Cabbage
Talinum rugospermum ***	Sand Fameflower
Taraxacum officinale	Common Dandelion
Tephrosia virginiana	Goat's Rue
Teucrium canadense	American Germander (Wood Sage)
Teucrium occidentale	Gray Germander
Thalictrum dasycarpum	Purple Meadow Rue
Thalictrum polygamum	Tall Meadow Rue
Thlaspi arvense	Penny Cress
Tilia americana	American Linden
Tradescantia ohiensis	Ohio Spiderwort
Tragopogon dubius	Sand Goat's Beard
Tragopogon pratensis	Common Goat's Beard
Trifolium hybridum	Alsike
Trifolium repens	White Clover
Trillium recurvatum	Red (Prairie) Trillium
Triosteum aurantiacum	Early Horse Gentian (Orange-fruited)(Feverwort)(Tinker's Weed)
Triosteum perfoliatum	Horse Gentian (Feverwort)(Tinker's Weed)
Triticum aestivum	Wheat
Ulmus americana	American Elm

<i>Ulmus rubra</i>	Slippery Elm
<i>Urtica dioica</i>	Stinging Nettle
<i>Urtica procera</i> ( <i>chamaedryoides</i> )	Tall Nettle
<i>Vaccinium angustifolium laevifolium</i>	Early Low Blueberry
<i>Verbascum blattaria</i>	Moth Mullein
<i>Verbascum thapsus</i>	Mullein
<i>Verbena hastata</i>	Blue Vervain
<i>Verbena sp.</i>	
<i>Verbena stricta</i>	Hoary Vervain
<i>Verbena urticifolia</i>	Hairy White Vervain
<i>Vernonia fasciculata</i>	Common Ironweed
<i>Veronica arvensis</i>	Corn Speedwell
<i>Veronica comosa</i> ( <i>catenata</i> )	Water Speedwell
<i>Veronica peregrina</i>	Purslane Speedwell
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell
<i>Veronicastrum virginicum</i>	Culver's Root
<i>Viburnum lentago</i>	Nannyberry Viburnum
<i>Viburnum prunifolium</i>	Black Haw
<i>Vicia americana</i>	American or Purple Vetch
<i>Vicia cracca</i>	Cow Vetch
<i>Viola canadensis rugulosa</i> ** ( <i>corymbosa</i> )	Canada Violet
<i>Viola cucullata</i> ( <i>obliqua</i> )	Hooded Violet
<i>Viola fimbriatula</i>	Sand Violet
<i>Viola lanceolata</i>	Lance-leaved Violet
<i>Viola nephrophylla</i>	Northern bog violet
<i>Viola pedata lineariloba</i>	Birdsfoot Violet
<i>Viola pedatifida</i>	Prairie Violet
<i>Viola pubescens</i> ( <i>pennsylvanica</i> )	Smooth Yellow violet
<i>Viola sagittata</i>	Arrow-leaved violet
<i>Viola sororia</i> ( <i>pratensis</i> ) ( <i>papilionacea</i> )	Common blue Violet
<i>Viola subsinuata</i> ( <i>triloba</i> )	Lobed Blue Violet
<i>Vitis riparia</i>	Wild (Riverbank) Grape
<i>Wolffia columbiana</i>	American Water Meal
<i>Woodsia ilvensis</i> **	Rusty Woodsia (Fragrant Woodsia)
<i>Woodsia obtusa</i>	Cliff Fern
<i>Wulfenia bullii</i> *** ( <i>Besseyia</i> )	Kittentails
<i>Xanthium strumarium canadensis</i>	Cocklebur

Xanthoxylum americanum  
Zizia aptera  
Zizia aurea

Prickly Ash  
Heart-leaved Meadow Parsnip  
Golden Alexanders