

# PLANTS OF THE LAST MOUNTAIN LAKE NATIONAL WILDLIFE AREA

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The Last Mountain Lake National Wildlife Area, located at the northern end of Last Mountain Lake, is within the Mixedgrass Prairie Ecodistrict of the Grasslands Ecoregion.<sup>3</sup> In Canada most of this grassland type has been drastically altered by agricultural practices including cultivation and intensive grazing. Thus, few areas have maintained their native character. The habitats within the wildlife area include grasslands which have never been subjected to intensive agricultural practices and remain in nearly their natural state.

This preliminary annotated plant list is based largely upon collections housed in the Canadian Wildlife Service Herbarium, Saskatoon. Most of the specimens were collected by G.G. Anweiler in 1969 and P.S. Burton in 1983, but W.C. Harris, E.A. Driver, P.S. Taylor and J.R. Caldwell also contributed with their findings. This list is not a complete flora, for the wildlife area has not been thoroughly searched for plants.

This annotated list includes 318 species and one variety found in or near the Last Mountain Lake National Wildlife Area. The list is organized into 58 plant families arranged in the order accepted by most standard manuals.<sup>6</sup> Information on habitat was obtained from herbarium collection labels. The scientific and common names used follow those of Moss where possible.<sup>8</sup>

Most of the species listed are common on the National Wildlife Area, but a few are uncommon, including Water Foxtail,



*Gaillardia*

*P.S. Taylor*

Sheep Fescue, Salt-marsh Sand Spurry, Few-flowered Aster and Upland White Goldenrod. The provincial floral emblem, the Western Wood Lily, was found in several locations, but is not abundant.

Because all plants are protected in the National Wildlife Area, observations of new or unusual plants should be documented by taking careful notes and photographs. Such information would be welcomed by the Area Manager or Habitat Management staff in Saskatoon.

## **Acknowledgements**

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- 1 BAILEY, L.H. 1954. Manual of cultivated plants. Revised Edition. MacMillan Company, New York.
- 2 FERNALD, M.L. 1950. Gray's manual of botany. Eighth Edition. Am. Book Co.
- 3 HARRIS, W.C., A. KABZEMS, A.L. KOSOWAN, G.A. PADBURY and J.S. ROWE 1983. Ecological regions of Saskatchewan. Sask.Parks and Renewable Res. Tech. Bull. No. 10.
- 4 HUDSON, J.H. 1977. Carex in Saskatchewan. Bison Publ. House, Sask.
- 5 KARTESZ, J.T. and R. KARTESZ 1980. A synonymized checklist of the vascular flora of the United States, Canada and Greenland. Vol II. The Biota of North America. The Univ. of North Carolina Press, USA.
- 6 LOOMAN, J. and K.F. BEST 1979. Budd's flora of the Canadian prairie provinces. Agric. Canada Publ. 1662, Ottawa.
- 7 MAHER, R.V., G.W. ARGUS, V.L. HARMS and J.H. HUDSON 1979. The rare vascular plants of Saskatchewan. Syllogeus Series, No 20. National Mus. of Nat. Science. Ottawa.
- 8 MOSS, E.H. 1983. Flora of Alberta. Second Edition, Univ. of Toronto Press, Toronto.
- 9 SCOGGAN, H.J. 1957. Flora of Manitoba. National Mus. of Canada, Bull. No. 140, Biol. Ser., No. 47, Dept. of Northern Affairs and Nat. Res., Ottawa.
- 10 VANCE, F.R., J.R. JOWSEY and J.S. MCLEAN 1984. Wildflowers across the prairies. Second Ed. Western Producer Prairie Books, Saskatoon.



*Smooth Camas*

A. Whyte

ANNOTATED LIST OF VASCULAR PLANTS OF LAST MOUNTAIN LAKE AND  
STALWART MARSH NATIONAL WILDLIFE AREAS

COMMON NAME	SPECIES	HABITAT
<b>Spike-moss Family: Selaginellaceae</b>		
Prairie Selaginella	<i>Selaginella densa</i> Rydb.	grasslands, dry soils, eroded sites
<b>Horsetail Family: Equisetaceae</b>		
Common Scouring-rush	<i>Equisetum hyemale</i> L.	wetland margins, low areas
Smooth Scouring-rush	<i>Equisetum laevigatum</i> A.Br.	sandy lake shore, moist areas
Meadow Horsetail	<i>Equisetum pratense</i> Ehrh.	moist sandy areas
<b>Cattail Family: Typhaceae</b>		
Common Cattail	<i>Typha latifolia</i> L.	slough margins, marshes, lakes
<b>Pondweed Family: Zosteraceae</b>		
Sago Pondweed	<i>Potamogeton pectinatus</i> L.	ponds, marshes, lakes
Richardson's Pondweed	<i>Potamogeton richardsonii</i> (Benn.) Rydb.	ponds, marshes, lakes
Sheathed Pondweed	<i>Potamogeton vaginatus</i> Turcz.	sloughs, lake, Basin A
Widgeon Grass/W. Ditch-grass	<i>Ruppia occidentalis</i> Wats.	lake, marshes, saline sloughs
<b>Arrow-grass Family: Juncaginaceae</b>		
Seaside Arrow-grass	<i>Triglochin maritima</i> L.	wet areas, near lake
Marsh Arrow-grass	<i>Triglochin palustris</i> L.	marshy areas
<b>Water-plantain Family: Alismaceae</b>		
Narrow-leaved Water-plantain	<i>Alisma gramineum</i> K.C. Gmel.	sloughs, marshes
Common Water-plantain	<i>Alisma plantago-aquatica</i> L.	sloughs, marshes
Arum-leaved Arrowhead	<i>Sagittaria cuneata</i> Sheld.	slough edges
<b>Grass Family: Gramineae</b>		
Crested Wheatgrass	<i>Agropyron cristatum</i> (L.) Gaertn.	seeded for pasture and hay
Northern Wheatgrass	<i>Agropyron dasystachyum</i> (Hook.) Scribn.	native grasslands
Quack Grass	<i>Agropyron repens</i> (L.) Beauv.	disturbed areas, introduced
Western Wheatgrass	<i>Agropyron smithii</i> Rydb.	moist areas, prairie, parkland
Slender Wheatgrass	<i>Agropyron trachycaulum</i> (Link) Malte	moist areas around lakes and sloughs
Rough Hair Grass	<i>Agrostis scabra</i> Willd.	meadows, woods, waste places
Water Foxtail	<i>Alopecurus geniculatus</i> L.	moist soils, slough edges
Wild Oat	<i>Avena fatua</i> L.	croplands, introduced
Slough Grass	<i>Beckmannia syzigachne</i> (Steud.) Fern.	slough margins, wet areas
Blue Grama	<i>Bouteloua gracilis</i> (HBK.) Lag.	dry native grassland
Awnless/Smooth Brome	<i>Bromus inermis</i> Leyss.	roadsides, seeded pastures
Northern Reed Grass	<i>Calamagrostis inexpansa</i> A.Gray	wet meadow, on island
Plains Reed Grass	<i>Calamagrostis montanensis</i> Scribn.	moist grasslands
Narrow Reed Grass	<i>Calamagrostis neglecta</i> (Ehrh.) Gaertn., Mey. & Schreb.	wet meadows, slough edges
Sand Grass	<i>Calamovilfa longifolia</i> (Hook.) Scribn.	sandy areas
Salt Grass	<i>Distichlis stricta</i> (Torr.) Rydb.	saline flats
Canadian Wild Rye Grass	<i>Elymus canadensis</i> L.	beaches, banks, sandy areas

COMMON NAME	SPECIES	HABITAT
Northern Rough Fescue	<i>Festuca altaica</i> Trin.ssp.	
	<i>hallii</i> (Vasey)Harms	native prairie
Sheep Fescue	<i>Festuca ovina</i> L.	moist areas on prairies
Tall Manna Grass	<i>Glyceria grandis</i> S. Wats.	slough edges, lakeshore
Hooker's Oat Grass	<i>Helictotrichon hookeri</i> (Scribn.) Henr.	moist to moderately dry prairie
Sweet Grass	<i>Hierochloe odorata</i> (L.) Beauv.	wet areas, moist grasslands
Wild Barley	<i>Hordeum jubatum</i> L.	saline flats, marsh, roads
Barley	<i>Hordeum vulgare</i> L.	lure crops
June Grass	<i>Koeleria gracilis</i> Pers.	prairie grasslands
Prairie Muhly	<i>Muhlenbergia cuspidata</i> (Torr.) Rydb.	native grasslands
Mat Muhly	<i>Muhlenbergia richardsonis</i> (Trin.) Rydb.	moist, often saline grasslands
Witch Grass	<i>Panicum capillare</i> L.	dry marsh, prairie, introduced
Common Reed Grass	<i>Phragmites communis</i> Trin.	lakeshore, marshes
Canby Blue Grass	<i>Poa canbyi</i> (Scribn.) Piper	moist, often alkali, meadows
Early Blue Grass	<i>Poa cusickii</i> Vasey	dry prairie
Fowl Blue Grass	<i>Poa palustris</i> L.	moist meadows, lakeshore
Kentucky Blue Grass	<i>Poa pratensis</i> L.	pastures, moist prairie
Nuttalls' Salt-meadow Grass	<i>Puccinellia nuttalliana</i> (Schultes) Hitchc.	moist to dry alkaline soils
Spangletop	<i>Scolochloa festucacea</i> (Willd.) Link	sloughs and marshes
Green Foxtail	<i>Setaria viridis</i> (L.) Beauv.	introduced, farmyards, fields
Alkali Cord Grass	<i>Spartina gracilis</i> Trin.	alkali areas, sandy soils
Spear Grass	<i>Stipa comata</i> Trin. & Rupr.	dry prairie
Western Porcupine Grass	<i>Stipa spartea</i> Trin. var. <i>curtiseta</i> Hitchc.	dry prairie
Green Needle Grass	<i>Stipa viridula</i> Trin.	dry to moist shrubby areas
<b>Sedge Family: Cyperaceae</b>		
Awned Sedge	<i>Carex atherodes</i> Spreng.	marsh and slough margins
Woolly Sedge	<i>Carex lanuginosa</i> Michx.	slough margins
Blunt Sedge	<i>Carex obtusata</i> Lilj.	dry to moist grasslands
Graceful Sedge	<i>Carex praegracilis</i> W. Boott	wet meadows, slough edges
Low Sedge	<i>Carex stenophylla</i> Wahl.	dry grasslands
White-scaled Sedge	<i>Carex xerantica</i> Bailey	in willow groves
Creeping Spike-rush	<i>Eleocharis palustris</i> (L.) R.& S.	shallow wetlands, mud flats
Tall Cotton-grass	<i>Eriophorum angustifolium</i> Honck.	bogs, marshes
Viscid Great Bulrush	<i>Scirpus acutus</i> Muhl.	lake edge, marshes
Three-square Bulrush	<i>Scirpus americanus</i> Pers.	marshes, often saline wetlands
Prairie Bulrush	<i>Scirpus paludosus</i> Nels.	saline sloughs and marshes
Great Bulrush	<i>Scirpus validus</i> Vahl.	sloughs and marshes
<b>Duckweed Family: Lemnaceae</b>		
Lesser Duckweed	<i>Lemna minor</i> L.	ponds, marshes
<b>Rush Family: Juncaceae</b>		
Baltic Rush	<i>Juncus balticus</i> Willd.	shores, sandhills
Toad Rush	<i>Juncus bufonius</i> L.	bog area (springs)
<b>Lily Family: Liliaceae</b>		
Pink-flowered Onion	<i>Allium stellatum</i> Fraser	native prairie

<i>COMMON NAME</i>	<i>SPECIES</i>	<i>HABITAT</i>
Prairie Onion	<i>Allium textile</i> Nels. & Macbr.	dry prairie
Asparagus	<i>Asparagus officinalis</i> L.	old gardens, introduced
Western Wood Lily	<i>Lilium philadelphicum</i> L.	prairie, moist areas, meadows
Star-flowered Solomon's-Seal	<i>Smilacina stellata</i> L.	moist areas, meadows, woods
Smooth Camas	<i>Zyadenus elegans</i> Pursh	moist areas, saline meadows
<b>Iris Family: Iridaceae</b>		
Blue-eyed Grass	<i>Sisyrinchium montanum</i> Greene	meadows, moist areas
<b>Orchid Family: Orchidaceae</b>		
Northern Green Orchid	<i>Habenaria hyperborea</i> (L.) R.Br.	dugout edge near lake
<b>Willow Family: Salicaceae</b>		
Balsam Poplar	<i>Populus balsamifera</i> L.	island, near lakeshore
Aspen	<i>Populus tremuloides</i> Michx.	depressions in dry prairie
White Willow	<i>Salix alba</i> L.	shelterbelts, introduced
Beaked Willow	<i>Salix bebbiana</i> Sarg.	slough and lake margins
Short-capsuled Willow	<i>Salix brachycarpa</i> Nutt.	wet areas, sand dunes
Sandbar Willow	<i>Salix exigua</i> Nutt.	lakeshore, creeks, sloughs
Basket Willow	<i>Salix petiolaris</i> J.E. Smith	near spring
<b>Elm Family: Ulmaceae</b>		
American Elm	<i>Ulmus americana</i> L.	shelterbelts, introduced
<b>Nettle Family: Urticaceae</b>		
Stinging Nettle	<i>Urtica dioica</i> L.	moist areas, in shrubs
<b>Sandalwood Family: Santalaceae</b>		
Bastard Toadflax	<i>Comandra umbellata</i> (L.) Nutt. var. <i>pallida</i> (DC) Jones <i>Comandra umbellata</i> (L.) Nutt. var. <i>umbellata</i>	dry grasslands  prairie grasslands
<b>Buckwheat Family: Polygonaceae</b>		
Yellow Umbrellaplant	<i>Eriogonum flavum</i> Nutt.	dry prairie, eroded hillsides
Swamp Persicaria	<i>Polygonum amphibium</i> L. var. <i>stipulaceum</i> (Coleman) Fern.	sloughs, lakeshore, mud flats
Doorweed	<i>Polygonum aviculare</i> L.	yards, roadsides, waste places
Water Smartweed	<i>Polygonum coccineum</i> Muhl. var. <i>pratincola</i> (Greene) Stanford	moist sandy soils
Pale Persicaria	<i>Polygonum lapathifolium</i> L.	lakeshore, slough margins
Rhubarb	<i>Rheum rhaponticum</i> L.	old farmsteads, introduced
Golden Dock	<i>Rumex maritimus</i> L.	low prairie, saline areas
Field Dock	<i>Rumex pseudonatronatus</i> Borbas	marsh, wet areas
Narrow-leaved Dock	<i>Rumex triangulivalvis</i> (Dans.) Rech.f.	moist, open ground
<b>Goosefoot Family: Chenopodiaceae</b>		
Scurfless Salt-brush	<i>Atriplex dioica</i> (Nutt.) Macbr.	saline flats, eroded clay slopes
Nuttall's Atriplex	<i>Atriplex nuttallii</i> S.Wats.	dry prairie, eroded soils
Orache	<i>Atriplex patula</i> L.	roadside, saline meadows

<i>COMMON NAME</i>	<i>SPECIES</i>	<i>HABITAT</i>
Russian Pigweed	<i>Axyris amaranthoides</i> L.	yards, fields, shelterbelts
Lamb's-Quarters	<i>Chenopodium album</i> L.	gardens, fields, roadsides
Narrow-leaved Goosefoot	<i>Chenopodium leptophyllum</i> Nutt.	hillsides, prairie (burned sites)
Oak-leaved Goosefoot	<i>Chenopodium salinum</i> Standl.	saline flats
Winterfat	<i>Eurotia lanata</i> (Pursh.) Moq.	dry prairie, heavy soils
Summer-cypress	<i>Kochia scoparia</i> (L.) Schrad.	farmyards, waste places
Red Samphire	<i>Salicornia rubra</i> A.Nels.	saline flats, slough margins
Russian-thistle	<i>Salsola kali</i> L.	roadsides, fields, waste places
Western Sea-blite	<i>Suaeda depressa</i> (Pursh) S.Wats.	saline flats

**Amaranth Family: Amaranthaceae**

Red-root Pigweed	<i>Amaranthus retroflexus</i> L.	farmyards, waste areas
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**Purslane Family: Portulacaceae**

Purslane	<i>Portulaca oleracea</i> L.	gardens, introduced weed
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**Pink Family: Caryophyllaceae**

Field Chickweed	<i>Cerastium arvense</i> L.	prairie
Mouse-eared Chickweed	<i>Cerastium vulgatum</i> L.	pasture, woodlands, fields
Annual Baby's-breath	<i>Gypsophila elegans</i> Bieb.	picnic site, roads, escaped
Baby's-breath	<i>Gypsophila paniculata</i> L.	farmsite, roadsides, escaped
Cow Cackle	<i>Saponaria officinalis</i> L.	farmsteads, grainfields
Night-flowering Catchfly	<i>Silene noctiflora</i> L.	fields, introduced
Salt-marsh Sand Spurry	<i>Spergularia marina</i> (L.) Griseb.	saline shores
Fleshy Stitchwort	<i>Stellaria crassifolia</i> Ehrh.	bog area
Long-stalked Stitchwort	<i>Stellaria longipes</i> Goldie	moist areas, native prairie

**Crowfoot Family: Ranunculaceae**

Canada Anemone	<i>Anemone canadensis</i> L.	low moist prairie, near bluffs
Long-fruited Anemone	<i>Anemone cylindrica</i> A. Gray	moist prairie
Crocus Anemone	<i>Anemone patens</i> L.	native prairie, heavily grazed
Tall Buttercup	<i>Ranunculus acris</i> L.	wetland ditches, moist areas
Large-leaved Watercrowfoot	<i>Ranunculus aquatilis</i> L.	dugout (not saline)
Seaside Buttercup	<i>Ranunculus cymbalaria</i> Pursh	saline areas, sloughs, banks
Shiny-leaved Buttercup	<i>Ranunculus glaberrimus</i> Hook	grazed pasture near stockpond
Macoun's Buttercup	<i>Ranunculus macounii</i> Britt.	along road, moist places
Prairie Buttercup	<i>Ranunculus rhomboideus</i> Goldie	ungrazed pasture, prairie
Veiny Meadow-rue	<i>Thalictrum venulosum</i> Trel.	woodlands, damp low prairie

**Poppy Family: Papaveraceae**

Corn Poppy	<i>Papaver rhoeas</i> L.	farmstead, introduced
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**Fumitory Family: Fumariaceae**

Golden Corydalis	<i>Corydalis aurea</i> Willd.	moist areas, beaches
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**Caper Family: Capparidaceae**

Bee Plant/Spiderflower	<i>Cleome serrulata</i> Pursh	sandy soil, roadsides
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**Mustard Family: Cruciferae**

Purple Rock Cress	<i>Arabis divaricarpa</i> A. Nels.	native pasture
Hirsute Rock Cress	<i>Arabis hirsuta</i> (L.) Scop.	prairie, light loam
Reflexed Rockcress	<i>Arabis holboellii</i> Hornem. var. <i>retrofracta</i> (Graham) Rydb.	sandy native prairie

COMMON NAME	SPECIES	HABITAT
Shepherd's Purse	<i>Capsella bursa-pastoris</i> (L.) Medic.	gardens, waste places, fields, introduced
Gray Tansy Mustard	<i>Descurainia richardsonii</i> (Sweet) O.E. Schulz	fields, waste places
Flixweed	<i>Descurainia sophia</i> (L.) Webb.	disturbed areas, introduced
Yellow Whitlow-grass	<i>Draba nemorosa</i> L.	grazed pasture
Creeping Whitlow-grass	<i>Draba reptans</i> (Lam.)	sandy prairie
Dog mustard	<i>Erucastrum gallicum</i> (Willd.) O.E. Schulz	pasture, introduced
Small-flowered Prairie-rocket	<i>Erysimum inconspicuum</i> (S.Wats.) MacM.	dry, sandy prairie
Dame's-rocket	<i>Hesperis matronalis</i> L.	escaped, yards, hedges
Common Pepper-grass	<i>Lepidium densiflorum</i> Schrad.	yards, roadsides, fields
Sand Bladderpod	<i>Lesquerella arenosa</i> (Richards) Rydb. var. <i>arenosa</i> (Richards) Wats.	grazed pasture, dry native grassland
Marsh Yellow Cress	<i>Rorippa islandica</i> (Oeder) Borbas	lakeshore, slough edge, wet places
Tumbling Mustard	<i>Sisymbrium altissimum</i> L.	cultivated fields, gardens
Mouse-ear Cress	<i>Thellungiella salsuginea</i> (Pall.) O.E. Schulz	saline prairie
Stinkweed	<i>Thlaspi arvense</i> L.	fields, waste place

#### Saxifrage Family: Saxifragaceae

Alumroot	<i>Heuchera richardsonii</i> R.Br.	native prairie, depressions
Northern Grass-of-Parnassus	<i>Parnassia palustris</i> L.	moist hummocky area
Wild Black Currant	<i>Ribes americanum</i> Mill.	bluffs, coulees, on islands
Golden Currant	<i>Ribes aureum</i> Pursh	sandy peninsula
Northern Gooseberry	<i>Ribes oxycanthoides</i> L.	bluffs, coulees

#### Rose Family: Rosaceae

Saskatoon	<i>Amelanchier alnifolia</i> Nutt.	coulees, bluffs
Hawthorn	<i>Crataegus chrysoarpa</i> Ashe	coulees, slopes, depressions
Smooth Wild Strawberry	<i>Fragaria virginiana</i> Dcne.	moist, shady areas
Three-flowered Avens	<i>Geum triflorum</i> Pursh	open prairie
Silverweed	<i>Potentilla anserina</i> L.	along streams, lakeshore
White Cinquefoil	<i>Potentilla arguta</i> Pursh	moist meadows, slough edges
Graceful Cinquefoil	<i>Potentilla gracilis</i> Dougl. var. <i>flabelliformis</i> (Lehm.) Nutt.	moist grassland, wet meadows
Wooly Cinquefoil	<i>Potentilla hippiana</i> Lehm.	dry native prairie
Rough Cinquefoil	<i>Potentilla norvegica</i> L.	meadows, waste areas, introd.
Bushy Cinquefoil	<i>Potentilla paradoxa</i> Nutt.	moist sandy beach
Prairie Cinquefoil	<i>Potentilla pensylvanica</i> L.	moist grasslands
Low Cinquefoil	<i>Potentilla plattensis</i> Nutt.	dry native prairie
Pin Cherry	<i>Prunus pensylvanica</i> L.F.	near bluffs, coulees
Chokecherry	<i>Prunus virginiana</i> L.	near bluffs, coulees
Low Prairie Rose	<i>Rosa arkansana</i> Porter	native prairie, sandy soils
Wood's Rose	<i>Rosa woodsii</i> Lindl.	bluffs, coulees on prairies
Narrow-leaved Meadowsweet	<i>Spiraea alba</i> Du Roi	depressions in native prairie

#### Legume Family: Leguminosae

Purple Milk-vetch	<i>Astragalus agrestis</i> Dougl.	shade of willows in prairie
Two-grooved Milk-vetch	<i>Astragalus bisulcatus</i> (Hook.) Gray	sandy prairie, along beach
Canadian Milk-vetch	<i>Astragalus canadensis</i> L.	moist native prairie
Ground-plum	<i>Astragalus crassicaarpus</i> Nutt.	native prairie

COMMON NAME	SPECIES	HABITAT
Slender Milk-vetch	<i>Astragalus flexuosus</i> Dougl.	native prairie along lakeshore
Missouri Milk-vetch	<i>Astragalus missouriensis</i> Nutt.	slopes, eroded hillside, prairie
Narrow-leaved Milk-vetch	<i>Astragalus pectinatus</i> Dougl.	native prairie
Racemose Milk-vetch	<i>Astragalus racemosus</i> Pursh	dry prairie slopes
Ascending Milk-vetch	<i>Astragalus striatus</i> Nutt.	dry grasslands, hillsides
Loose-flowered Milk-vetch	<i>Astragalus tenellus</i> Pursh	lakeshore, coulees
Common Caragana	<i>Caragana arborescens</i> Lam.	introduced, farmsteads
Wild Licorice	<i>Glycyrrhiza lepidota</i> (Nutt.) Pursh	near lake, slough margins
Alfalfa	<i>Medicago sativa</i> L.	hayfields, roadsides, introd.
White Sweet-clover	<i>Melilotus alba</i> Medic.	fields, ditches, introduced
Yellow Sweet-clover	<i>Melilotus officinalis</i> (L.) Pall.	fields, roadsides, introduced
Late Yellow Locoweed	<i>Oxytropis campestris</i> (L.) D.C.	dry prairie
Reflexed Locoweed	<i>Oxytropis deflexa</i> (Pall.) D.C.	old fields
Early Yellow Locoweed	<i>Oxytropis sericea</i> Nutt.	old fields near shelterbelt
Showy Locoweed	<i>Oxytropis splendens</i> Dougl.	native grasslands
White Prairie-clover	<i>Petalostemon candidum</i> (Willd.) Michx.	lakeshore, dry prairie
Purple Prairie-clover	<i>Petalostemon purpureum</i> (Vent.) Rydb.	prairie, hillsides, dry banks
Silverleaf Psoralea	<i>Psoralea argophylla</i> Pursh	native prairie
Golden-bean	<i>Thermopsis</i> <i>rhombifolia</i> (Nutt.) Richardson	prairie, roadsides, disturbed areas
Alsike Clover	<i>Trifolium hybridum</i> L.	farmsteads, roads, introduced
American Vetch	<i>Vicia americana</i> Muhl.	around bluffs, sandy beach
Tufted Vetch	<i>Vicia cracca</i> L.	roadside, introduced

#### Geranium Family: Geraniaceae

Stork's-bill *Erodium cicutarium* (L.) L'Her. farmstead

#### Flax Family: Linaceae

Lewis Wild Flax *Linum lewysii* Pursh dry prairie  
Large-flowered Yellow Flax *Linum rigidum* Pursh sandy soils

#### Maple Family: Aceraceae

Box-elder *Acer negundo* L. shelterbelts, streams, coulees

#### Mallow Family: Malvaceae

Small-flowered Mallow *Malva parviflora* L. farmyards, fields, introduced  
Round-leaved Mallow *Malva pusilla* Sm. old farmstead  
Scarlet Mallow *Sphaeralcea coccinea* (Pursh)  
Rydb. dry prairie, disturbed areas

#### Violet Family: Violaceae

Early Blue Violet *Viola adunca* J.E. Smith wet meadow, shady areas  
Bog Violet *Viola nephrophylla* Greene moist meadows, sloughs  
Nuttall's Yellow Violet *Viola nuttallii* Pursh open prairie  
Crowfoot Violet *Viola pedatifida* G. Don prairie, damp sandy loam

#### Oleaster Family: Elaeagnaceae

Silverberry *Elaeagnus commutata* Bernh. moist light soils  
Buffaloberry *Shepherdia argentea* Nutt. lakeshore, coulees, light soils



COMMON NAME	SPECIES	HABITAT
<b>Evening-Primrose Family: Onagraceae</b>		
Fireweed	<i>Epilobium angustifolium</i> L.	moist places, island
Marsh Willowherb	<i>Epilobium palustre</i> L.	edge of spring pond
Scarlet Gaura	<i>Gaura coccinea</i> Pursh	dry native grasslands
Yellow Evening-primrose	<i>Oenothera biennis</i> L.	hay field
White Evening-primrose	<i>Oenothera nuttallii</i> Sweet	sandy soil, fields, roadsides
<b>Water Milfoil Family: Haloragaceae</b>		
Spiked Water-milfoil	<i>Myriophyllum exalbescens</i> Fern.	sloughs, lake
<b>Mare's Tail Family: Hippuridaceae</b>		
Mare's-tail	<i>Hippuris vulgaris</i> L.	sloughs, streams, banks
<b>Parsley Family: Umbelliferae</b>		
Water-Hemlock	<i>Cicuta maculata</i> L.	marshes, springs or bogs
Plains Cymopterus	<i>Cymopterus acaulis</i> (Pursh) Raf.	dry prairie, hillsides
Leafy Musineon	<i>Musineon divaricatum</i> (Pursh) Nutt.	prairie grasslands
Water-Parsnip	<i>Sium suave</i> Walt.	wetlands, sloughs, ponds
Heart-leaved Alexanders	<i>Zizia aptera</i> (Gray) Fern.	moist native prairie
<b>Dogwood Family: Cornaceae</b>		
Red-osier Dogwood	<i>Cornus stolonifera</i> Michx.	coulees
<b>Primrose Family: Primulaceae</b>		
Pygmyflower	<i>Androsace septentrionalis</i> L.	dry soils, fields
Saline Shootingstar	<i>Dodecatheon pulchellum</i> (Raf.) Merr.	moist to wet saline areas
Sea-Milkwort	<i>Glaux maritima</i> L.	moist saline areas
Fringed Loosestrife	<i>Lysimachia ciliata</i> L.	drying slough
Lance-leaved Loosestrife	<i>Lysimachia hybrida</i> Michx.	marsh
Mealy Primrose	<i>Primula incana</i> M.E. Jones	saline meadows, moist places
<b>Olive Family: Oleaceae</b>		
Common Lilac	<i>Syringa vulgaris</i> L.	shelterbelts, introduced
<b>Gentian Family: Gentianaceae</b>		
Oblong-leaved Gentian	<i>Gentiana affinis</i> Griseb.	prairie, saline moist meadow
Northern Gentian	<i>Gentiana amarella</i> L.	heavily grazed native prairie
<b>Dogbane Family: Apocynaceae</b>		
Indian-hemp	<i>Apocynum cannabinum</i> L. var. <i>hypericifolium</i> (Ait.) Gray	aspen bluffs, island
<b>Phlox Family: Polemoniaceae</b>		
Moss Phlox	<i>Phlox hoodii</i> Richardson	native prairie, dry sandy loam
<b>Borage Family: Boraginaceae</b>		
Large-flowered Stickseed	<i>Hackelia floribunda</i> (Lehm.) Johnst.	island, high ground
Bluebur	<i>Lappula echinata</i> Gilib.	fields, pastures, introduced
Bluebur	<i>Lappula occidentalis</i> (S. Wats.) Greene	old prairie trail
Narrow-leaved Pucoon	<i>Lithospermum incisum</i> Lehm.	dry prairie

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<b>Mint Family: Labiatae</b>		
Hemp-nettle	<i>Galeopsis tetrahit</i> L.	dugout edge, introduced
Western Water-horehound	<i>Lycopus asper</i> Greene	springs, marshes
Field Mint	<i>Mentha arvensis</i> L.	sloughs, wet places
Marsh Skullcap	<i>Scutellaria galericulata</i> L.	wet places, slough edge
Marsh Hedge-nettle	<i>Stachys palustris</i> L. var. <i>pilosa</i> (Nutt.) Fern.	marshes, wetlands
<b>Potato Family: Solanaceae</b>		
Wild Tomato	<i>Solanum triflorum</i> Nutt.	farmyards, disturbed areas
<b>Figwort Family: Scrophulariaceae</b>		
Yellow Toad-flax	<i>Linaria vulgaris</i> Miller	moist, grasslands, introduced
Owl's-clover	<i>Orthocarpus luteus</i> Nutt.	dry prairie, saline sites
White Beardtongue	<i>Penstemon albidus</i> Nutt.	dry prairie
Lilac-flowered Beardtongue	<i>Penstemon gracilis</i> Nutt.	native grasslands
Smooth Blue Beardtongue	<i>Penstemon nitidus</i> Dougl.	roadside, dry hillsides
Slender Beardtongue	<i>Penstemon procerus</i> Dougl.	moist, slough & brush margins
Marsh Speedwell	<i>Veronica scutellata</i> L.	slough edges, marshes
<b>Bladderwort Family: Lentibulariaceae</b>		
Greater Bladderwort	<i>Utricularia vulgaris</i> L.	ponds, marshes
<b>Broom-rape Family: Orobanchaceae</b>		
Clustered Broom-rape	<i>Orobanche fasciculata</i> Nutt.	on roots of <i>Artemisia</i> spp.
<b>Plantain Family: Plantaginaceae</b>		
Saline Plantain	<i>Plantago eriopoda</i> Torr.	saline or alkaline, marsh edges
Common Plantain	<i>Plantago major</i> L.	roadsides, yards, lawns
<b>Madder Family: Rubiaceae</b>		
Northern Bedstraw	<i>Galium boreale</i> L.	moist sites - prairie, bluffs
<b>Honeysuckle Family: Caprifoliaceae</b>		
Western Snowberry	<i>Symphoricarpos occidentalis</i> Hook.	prairie, coulees, woodlands
<b>Bluebell Family: Campanulaceae</b>		
Harebell	<i>Campanula rotundifolia</i> L.	low meadows, island
<b>Lobelia Family: Lobeliaceae</b>		
Spiked Lobelia	<i>Lobelia spicata</i> Lam.	dry sandy soil
<b>Composite Family: Compositae</b>		
Yarrow	<i>Achillea millefolium</i> L. var. <i>lanulosa</i> (Nutt.) Piper	native grasslands
False Dandelion	<i>Agoseris glauca</i> (Rush) Ref.	moist prairie
Perennial Ragweed	<i>Ambrosia coronopifolia</i> T. & G.	roadsides, lakeshore
Low Everlasting	<i>Antennaria aprica</i> Greene	dry prairies
Small-leaved Everlasting	<i>Antennaria parvifolia</i> Nutt.	dry prairie, saline meadows
Leafy Arnica	<i>Arnica chamissonis</i> Less.	slough bottoms, moist areas
Biennial Wormwood	<i>Artemisia biennis</i> Willd.	slough margins, roadsides
Plains Wormwood	<i>Artemisia campestris</i> L.	dry native prairie
Pasture Sage	<i>Artemisia frigida</i> Willd.	prairie, overgrazed

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Prairie Sage	<i>Artemisia ludoviciana</i> Nutt.	slough margins, moist prairie
Rush Aster	<i>Aster borealis</i> (T. & G.) Provancher	mineral fen
Many-flowered Aster	<i>Aster ericoides</i> L. ssp. <i>pansus</i> (Blake) A.G. Jones	prairie, roadsides
Western Willow Aster	<i>Aster hesperius</i> A. Gray	moist areas
Smooth Aster	<i>Aster laevis</i> L.	moist prairie around bluffs
Few-flowered Aster	<i>Aster pauciflorus</i> Nutt.	saline prairie (rare)
Nodding Thistle	<i>Carduus nutans</i> L.	disturbed areas, introduced
Canada Thistle	<i>Cirsium arvense</i> (L.) Scop.	disturbed sites, introduced
Flodman's Thistle	<i>Cirsium flodmanii</i> (Rydb.) Arthur	prairie
Wavy-leaved Thistle	<i>Cirsium undulatum</i> (Nutt.) Spreng	near lake, sandy soils
Scapose Hawk's-Beard	<i>Crepis runcinata</i> (James) T. & B.	moist prairie
Narrow-leaved Hawk's-Beard	<i>Crepis tectorum</i> L.	disturbed soil
Rough Fleabane	<i>Erigeron asper</i> Nutt.	native prairie, dry hillsides
Tufted Fleabane	<i>Erigeron caespitosus</i> Nutt.	dry prairies, roadsides
Canada Fleabane	<i>Erigeron canadensis</i> L.	old gardens, fields, dry soils
Smooth Fleabane	<i>Erigeron glabellus</i> Nutt.	native prairie
Hirsute Fleabane	<i>Erigeron lonchophyllus</i> Hook.	wet areas
Great-flowered Gaillardia	<i>Gaillardia aristata</i> Pursh	dry grasslands
Gumweed	<i>Grindelia squarrosa</i> (Pursh) Danal.	saline flats, lakeshore
Broomweed	<i>Gutierrezia sarothrae</i> (Pursh) Britt. & Rusby	arid, native prairie
Lance-leaved Pyrrocoma	<i>Haplopappus lanceolatus</i> (Hook.) T. & G.	dry native prairie, saline areas
Mountain Sneezeweed	<i>Helenium autumnale</i> L.	low meadows, slough edges
Sunflower	<i>Helianthus annuus</i> L.	roadsides
Beautiful Sunflower	<i>Helianthus laetiflorus</i> Pers.	roadsides
Tuberous-rooted Sunflower	<i>Helianthus nuttallii</i> T. & G.	moist prairie, slough margins
Hairy Golden-Aster	<i>Heterotheca villosa</i> (Pursh) Skinners	dry sandy prairie
Povertyweed	<i>Iva axillaris</i> Pursh	saline flats, fields
False Ragweed	<i>Iva xanthifolia</i> Nutt.	roadsides, vacant land
Blue Lettuce	<i>Lactuca pulchella</i> (Pursh) DG.	old fields, roadsides
Meadow Blazingstar	<i>Liatris ligulistylis</i> (A. Nels.) K. Schum.	moist meadows, slough margins
Dotted Blazingstar	<i>Liatris punctata</i> Hook.	dry prairie hillsides
Skeletonweed	<i>Lygodesmia juncea</i> (Pursh) D. Don	dry native prairie, sandy soils
Pineappleweed	<i>Matricaria matricarioides</i> (Less.) Porter	farmsteads, introduced
Prairie False Dandelion	<i>Microseris cuspidata</i> (Pursh) Schultz-Bip.	native prairie
Arrow-leaved Colt's-foot	<i>Petasites sagittatus</i> (Pursh) A. Gray	partial shade, slough margins
Long-headed Coneflower	<i>Ratibida columnifera</i> (Nutt.) Woot. & Standl.	old fields, roadsides, dry prairie
Silvery Groundsel	<i>Senecio canus</i> Hook.	dry prairie
Marsh Ragwort	<i>Senecio congestus</i> (R.Br.) DC.	moist prairie, slough margins
Entire-leaved Groundsel	<i>Senecio integerrimus</i> Nutt.	native prairie
Balsam Groundsel	<i>Senecio pauperculus</i> Michx.	moist prairie, sandy soils

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Graceful Goldenrod	<i>Solidago canadensis</i> L. var. <i>gilvocanescens</i> Rydb.	native prairie
Low Goldenrod	<i>Solidago missouriensis</i> Nutt.	dry prairie
Velvety Goldenrod	<i>Solidago mollis</i> Bartl.	dry prairie, roadsides
Showy Goldenrod	<i>Solidago nemoralis</i> Ait.	sandy soils, prairie
Upland White Goldenrod	<i>Solidago ptarmicoides</i> (Nees) Boiv.	dry prairie (rare)
Stiff Goldenrod	<i>Solidago rigida</i> L.	dry prairie
Mountain Goldenrod	<i>Solidago spathulata</i> DG.	ditch sides, grasslands
Perennial Sow-thistle	<i>Sonchus arvensis</i> L.	roadsides, fields, moist soils
Red-seeded Dandelion	<i>Taraxacum laevigatum</i> (Willd.) DC.	waste places, introduced
Dandelion	<i>Taraxacum officinale</i> Weber	pasture, roadsides, lawns
Goat's-beard	<i>Tragopogon dubius</i> Scop.	roads, field edges, introduced



Western Wood Lily

A. Whyte