

# PLANTS

## FLORA OF THE BESNARD LAKE AREA, NORTH-CENTRAL SASKATCHEWAN

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**Introduction** Besnard Lake in north-central Saskatchewan is located about 20-30 km south of the Churchill River, 60 km west-northwest of LaRonge, and 40 km east-southeast of Pinehouse Lake Village, at between latitudes 55°17' to 31' N, and longitudes 105°47' to 106°17' W. (See Maps 1 and 2.) The area is accessible via the Besnard Lake Road

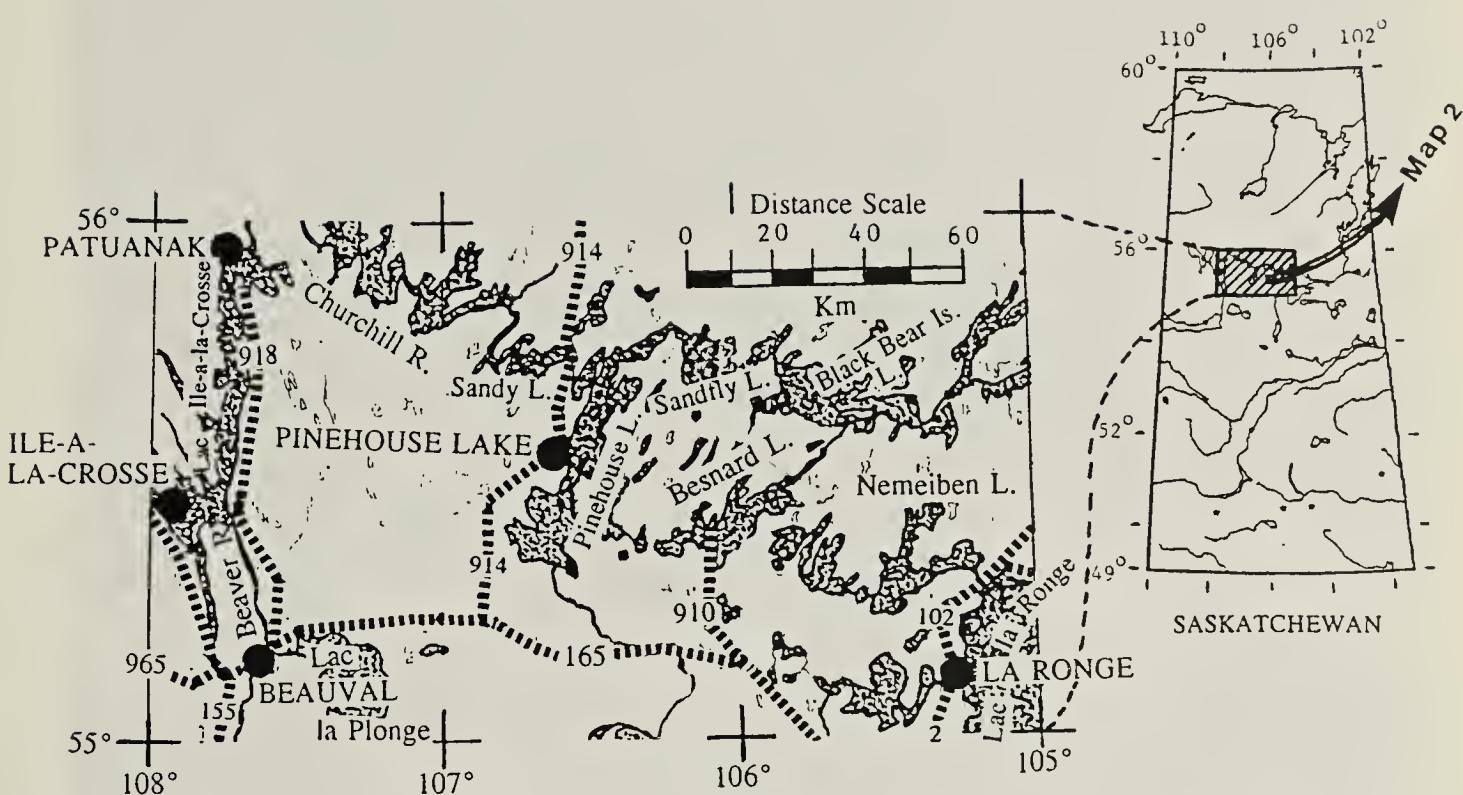
(Hwy. 910) extending north from Hwy. 165 and crossing the Narrows, and the Morning-Clam Lake Road, forking east from the former to skirt Besnard Lake's south side.

Physiographically, Besnard Lake occurs at the southern border of the Canadian Precambrian Shield, with the shield landforms north of the lake



Tamarack (*Larix laricina*) buds

Wayne Lynch

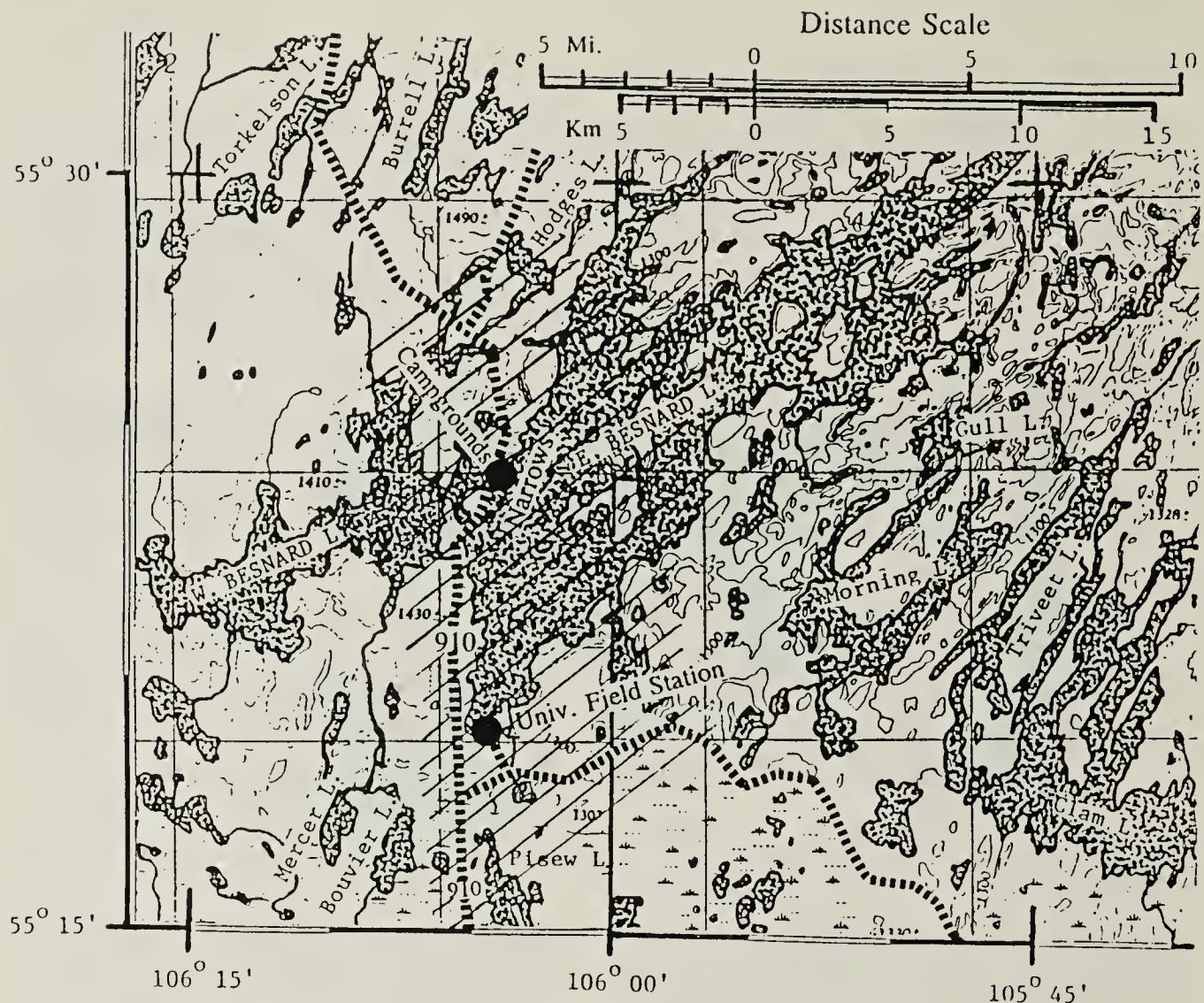


Map 1. LOCATION OF BESNARD LAKE IN NORTH-CENTRAL SASKATCHEWAN.

characterized by numerous granitic rock outcroppings and shallow soil, and the non-shield landforms south of Besnard Lake characterized largely by sandy, lacustrine or till soils, except locally where organic peaty substrates have developed under bogs and fens. This general area of low relief below the 1500-foot contour between the Precambrian Shield to the north and the Saskatchewan Uplands to the south was considered distinctive enough to be separately recognized by Rowe as the Upper Churchill Section (#B.20).<sup>2</sup> It is situated between the Northern Coniferous (#B.22) and the Mixed-wood (#B.18a) sections of the Boreal Forest Region of Canada.<sup>2</sup> It was occupied by the post-glacial Lake Hyper-Churchill, resulting in the generally flat to undulating surfaces now present. Apparently, the sandy lacustrine and till deposits were originally derived from thin basal sandstone on the Precambrian basement to the north.<sup>2</sup>

The original Jack Pine forests that predominated on the sandy upland plains and ridges in the Besnard Lake area have been destroyed to a large extent by extensive forestry clearcutting. The lower, moister sites are largely characterized by Black Spruce woods, often admixed with some White Spruce. Limited stands of aspen-dominated deciduous woods and mixedwoods of various combinations of all the aforementioned tree species, plus also Balsam Poplar, White Birch and River Alder, exist mainly near lake shores and some stream margins. Balsam Fir is uncommon and occurs mostly as small, understorey shrubs less than 1 m high in the mixed and spruce woods. Some Tamarack occur with Black Spruce in most treed bogs. Open bogs and fens characterize low, wet, poorly drained depressions.

Besnard Lake is noted for its Bald Eagle nesting sites.<sup>1</sup> With the present



Map 2. BESNARD LAKE AND VICINITY.

location there of a University of Saskatchewan research station under the direction of Dr. Gary R. Bortolotti, it has also become an important study area for other wildlife, especially American Kestrels and other birds of prey, and their rodent prey species.

The following list of 210 species of higher (i.e., vascular) plants (Table 1) was compiled by the authors, based primarily on plant collections made in the general Besnard Lake vicinity by V. L. Harms in June 1992 and by Anna Leighton in 1977-78, but with these supplemented by the 1978 collections of Jon, Naomi and Peter Gerrard, Doug Whitfield and Stacy Tessaro. Despite the wider coordinates given earlier for the general Besnard Lake area, almost all plant collections were made in the Narrows region, on the central islands, and along the south side,

between longitudes  $105^{\circ}57'$  and  $106^{\circ}05'$  W (see hatched area on Map 2).

The 210 species of vascular plants recorded in the overall area are grouped into 134 genera and 58 families. They include 15 species of pteridophytes (i.e., ferns and fern-allies), 6 species of coniferous gymnosperms, and 189 species of angiosperms (i.e., flowering plants). Less than 4% (i.e., only 8 of 210 species) represent introduced plants (i.e., either invasive weeds or escaped cultigens), which are indicated by asterisks in the subsequent list. The following three plants recorded from the Besnard Lake area are considered rare in Saskatchewan: *Poa arctica* (Arctic Bluegrass), *Polygonum punctatum* var. *confertiflorum* (Dotted Water Smartweed) and *Lilium philadelphicum* var. *andinum*



Bunch Berry (*Cornis canadensis* L.)

Frank A. Switzer

*forma immaculata* (Immaculate Yellow Lily). Voucher specimens documenting all listed plants are filed in the W.P. Fraser Herbarium, at the University of Saskatchewan, Saskatoon, Saskatchewan.

This species inventory list should not be considered a *fait accompli*, but rather a starting point for the finding of additional plant species records from this general area. Conceivably, about 100 more vascular plants might well be expected for an area of this size at this latitude.

**Acknowledgements** Appreciation is due to Doug Whitfield who hired the junior author as a field assistant in 1977-78, and to the Boreal Institute of the University of Alberta for sup-

porting the former's Bald Eagle studies at Besnard Lake. The voluntary contributions of the Gerrard family, as indicated earlier, are thankfully noted. The senior author's collecting time at Besnard Lake in June 1992 occurred while he was involved with a Boreal Forest Ecology Field Camp sponsored by the University of Saskatchewan Extension Division under the direction of Peter Jonker.

1. GERRARD, J.M. and G.R. BORTOLOTTI. 1988. The Bald Eagle haunts and habitats of a wilderness monarch. Smithsonian Institution, Washington, DC. 177 pp. (Paperback copy published by Western Producer, Saskatoon, SK.)
2. ROWE, J.S. 1972. The forest regions of Canada. Canadian Forestry Service Publ. No. 1300. Ottawa, ON. 172 pp.



Round-leaved Sundew (*Drosera rotundifolia L.*)

Gary W. Seib

**Table 1. VASCULAR PLANTS RECORDED AND DOCUMENTED  
IN THE BESNARD LAKE VICINITY.**

\* = introduced (i.e., non-native)  
plants; (R) = plants rare in Saskatchewan

**ADIANTACEAE** (Maidenhair Family)  
*Cryptogramma crispa* (L.) R.Br. var.  
    *acrostichoides* (R.Br.) Clarke -  
    Parsley Fern

**ALISMATACEAE** (Water-plantain  
Family)  
*Sagittaria cuneata* Sheld. - Arum-  
leaved Arrowhead

**APIACEAE** (Parsley or Carrot  
Family)  
*Cicuta maculata* L. var. *angustifolia*  
    Hook. - Western Water Hemlock

*Cicuta mackenzieana* Raup. - Water  
    Hemlock

*Sium suave* Walt. - Water Parsnip

**APOCYNACEAE** (Dogbane Family)  
*Apocynum androsaemifolium* L. -  
    Spreading Dogbane

**ARACEAE** (Arum Family)  
*Acorus calamus* L. - Sweet Flag  
*Calla palustris* L. - Marsh Calla; Wild  
    Arum; Wild Calla-lily

**ARALIACEAE** (Ginseng Family)  
*Aralia hispida* Vent. - Bristly

Sarsaparilla  
*Aralia nudicaulis* L. - Wild  
    Sarsaparilla

**ASPLENIACEAE** (Spleenwort  
Family)  
*Dryopteris carthusiana* (Vill.) H.P.  
    Fuchs - Narrow Spinulose Shield  
    Fern

*Dryopteris fragrans* (L.) Schott. -  
    Fragrant Shield Fern

*Gymnocarpium dryopteris* (L.)  
    Newm. - Oak Fern

*Woodsia ilvensis* (L.) R. Br. - Rusty  
    Woodsia

**ASTERACEAE** (Aster or Composite  
Family)

*Achillea millefolium* L. ssp. *borealis*  
    (Bong.) Breit. - Northern Yarrow

*Achillea millefolium* L. ssp. *borealis*  
    (Bong.) Breit. f. *rhodantha*  
    (LePage) Scoggan - Pink-  
    flowered Northern Yarrow

*Achillea millefolium* L. ssp. *lanulosa*  
    (Nutt.) Piper - Common Yarrow

*Antennaria parvifolia* Nutt. - Low or  
    Small Pussytoes or Everlasting

*Aster ciliolatus* Lindl. - Lindley's Blue  
    Aster

*Bidens cernua* L. - Smooth Beggar-ticks  
*Chrysanthemum leucanthemum* L. - Oxeye Daisy\*  
*Crepis tectorum* L. - Narrow-leaved Hawksbeard\*  
*Erigeron philadelphicus* L. - Philadelphia Fleabane  
*Hieracium umbellatum* L. - Canada Hawkweed  
*Matricaria matricarioides* (Less.) Porter - Pineapple Weed\*  
*Petasites palmatus* (Ait.) A. Gray - Palmate-leaved Colt's-foot  
*Senecio indecorus* Greene - Unsightly Groundsel  
*Senecio pauperculus* Michx. - Depauperate Groundsel  
*Solidago canadensis* L. var. *salebrosa* (Piper) M.E. Jones - Canada Goldenrod  
*Solidago hispida* Muhl. - Shaggy Goldenrod  
*Solidago spathulata* DC. var. *neoalaskana* (Gray) Cronq. - Mountain Goldenrod

**BALSAMINACEAE** (Jewelweed Family)  
*Impatiens capensis* Meerb. - Spotted Touch-me-not

**BETULACEAE** (Birch Family)  
*Alnus crispa* (Ait.) Pursh - Green Alder  
*Alnus rugosa* (Du Roi) Spreng. - Speckled or River Alder  
*Betula neoalaskana* Sarg. - Alaska White or Paper Birch  
*Betula pumila* L. var. *glandulifera* Regel - Glandular Shrub Birch

**BORAGINACEAE** (Borage Family)  
*Mertensia paniculata* (Ait.) G. Don - Tall Lungwort

**BRASSICACEAE** (Mustard Family)  
*Arabis divaricarpa* A. Nels. var. *stenocarpa* M. Hopkins - Purple Rock Cress  
*Arabis hirsuta* (L.) Scop. var. *glabrata* T&G - Hirsute Rock Cress  
*Lepidium densiflorum* Schrad. -

Common Pepper-grass\*  
*Sisymbrium loeselii* L. - Tall Hedge Mustard\*  
**CAMPANULACEAE** (Bluebell Family)  
*Campanula aparinoides* Pursh - Marsh Bellflower  
*Campanula rotundifolia* L. - Common Harebell or Bluebell

**CAPRIFOLIACEAE** (Honeysuckle Family)  
*Linnaea borealis* L. - Twin-flower  
*Lonicera dioica* L. var. *glaucescens* (Rydb.) Butters - Twining Honeysuckle  
*Viburnum edule* (Michx.) Raf. - Low Bush Cranberry

**CARYOPHYLLACEAE** (Pink Family)  
*Moehringia lateriflora* (L.) Fenzl. - Grove Sandwort  
*Stellaria calycantha* (Ledeb.) Bong. - Northern Chickweed  
*Stellaria longifolia* Muhl. - Long-leaved Stitchwort, Starwort or Chickweed  
*Stellaria longipes* Goldie - Long-stalked Chickweed

**CHENOPodiaceae** (Goosefoot Family)  
*Chenopodium capitatum* (L.) Aschers - Strawberry Blite

**CORNACEAE** (Dogwood Family)  
*Cornus canadensis* L. - Bunch Berry; Dwarf Dogwood

**CUPRESSACEAE** (Cypress Family)  
*Juniperus communis* L. - Low or Ground Juniper

**CYPERACEAE** (Sedge Family)  
*Carex cf. adusta* Boott. - Browned Sedge  
*Carex cf. aenea* Fern - Hay Sedge  
*Carex aquatilis* Wahl. - Water Sedge  
*Carex atherodes* Spreng. - Awned Sedge  
*Carex aurea* Nutt. - Golden Sedge  
*Carex crawfordii* Fern - Crawford's Sedge

<i>Carex disperma</i> Dewey - Soft-leaved or Two-seeded Sedge	<i>Chamaedaphne calyculata</i> (L.) Moench. - Leatherleaf
<i>Carex houghtonii</i> Torr. - Houghton's Sedge	<i>Kalmia polifolia</i> Wang. - Pale or Bog Laurel
<i>Carex cf. lanuginosa</i> Michx. - Woolly Sedge	<i>Ledum groenlandicum</i> Oeder - Common Labrador-tea
<i>Carex rostrata</i> Stokes - Beaked Sedge	<i>Oxycoccus microcarpus</i> Turcz. - Small Bog or Swamp Cranberry
<i>Carex stipata</i> Muhl. - Awl-fruited Sedge	<i>Oxycoccus quadripetalus</i> Gilib. - Larger Bog or Swamp Cranberry
<i>Eleocharis palustris</i> (L.) R. & S. - Creeping Spike-rush	<i>Vaccinium myrtilloides</i> Michx. - Canada Blueberry
<i>Eriophorum angustifolium</i> Honck. - Tall Cotton-grass	<i>Vaccinium vitis-idaea</i> L. - Lingeberry; Dry-ground, Mountain, Low or Bog Cranberry; Cowberry
<i>Eriophorum brachyantherum</i> Trautv. - Close-sheathed Cotton-grass	<b>FABACEAE</b> (Legume or Pea Family)
<i>Eriophorum chamissonis</i> C.A. Mey. - Chamisso's Cotton-grass	<i>Astragalus canadensis</i> L. - Canada Milk Vetch
<i>Eriophorum gracile</i> K. Koch - Slender Cotton-grass	<i>Caragana arborescens</i> Lam. - Caragana; Siberian Pea-shrub*
<i>Eriophorum vaginatum</i> L. - Sheathed Cotton-grass	<i>Lathyrus ochroleucus</i> Hook. - Cream-colored Pea-vine or Vetchling
<i>Scirpus cyperinus</i> (L.) Kunth - Wool-grass	<i>Trifolium repens</i> L. - White Clover*
<i>Scirpus hudsonianus</i> (Michx.) Fern. - Alpine Cotton-grass	<i>Vicia americana</i> Muhl. - American Vetch
<i>Scirpus microcarpus</i> Presl. - Small-fruited Sedge	<b>FUMARIACEAE</b> (Fumitory Family)
<b>DROSERACEAE</b> (Sundew Family)	<i>Corydalis aurea</i> Willd. - Golden Corydalis
<i>Drosera anglica</i> Huds. - Oblong-leaved Sundew	<i>Corydalis sempervirens</i> (L.) Pers. - Pink or Pale Corydalis
<i>Drosera rotundifolia</i> L. - Round-leaved Sundew	<b>GENTIANACEAE</b> (Gentian Family)
<b>EQUISETACEAE</b> (Horsetail Family)	<i>Gentiana amarella</i> L. - Northern Gentian
<i>Equisetum arvense</i> L. - Common or Field Horsetail	<b>GERANIACEAE</b> (Geranium Family)
<i>Equisetum fluviatile</i> L. - Swamp or Water Horsetail	<i>Geranium bicknellii</i> Britt. - Bicknell's Wild Geranium
<i>Equisetum scirpoides</i> Michx. - Dwarf Scouring-rush; Sedge-like Horsetail	<b>GROSSULARIACEAE</b> (Currant Family)
<i>Equisetum sylvaticum</i> L. - Woodland Horsetail	<i>Ribes glandulosum</i> Grauer - Skunk Currant
<i>Equisetum variegatum</i> Schleich. - Variegated Horsetail	<i>Ribes hudsonianum</i> Richards. - Northern Black Currant
<b>ERICACEAE</b> (Heath Family)	<i>Ribes oxyacanthoides</i> L. s. lato - Northern or Canada Gooseberry
<i>Andromeda polifolia</i> L. - Bog Rosemary	<b>HALORAGIDACEAE</b> (Water-milfoil Family)
<i>Arctostaphylos uva-ursi</i> (L.) Spreng. - Common Bearberry; Kinnikinnick	<i>Myriophyllum exalbescens</i> Fern. - American Water-milfoil

**HYDROPHYLLACEAE** (Water-leaf Family)

*Phacelia franklinii* (R. Br.) A. Gray - Franklin's Scorpion-weed

**HYPERICACEAE** (St. John's-wort Family)

*Hypericum majus* (Gray) Britt. - Large Canada St. John's-wort

**JUNCACEAE** (Rush Family)

*Juncus alpinus* Vill. var. *rariiflorus* Hartm. - Alpine Rush  
*Juncus dudleyi* Wieg. - Dudley's Path Rush

**LAMIACEAE** (Mint Family)

*Lycopus uniflorus* Michx. - Northern Water-horehound

*Mentha arvensis* L. - Wild or Field Mint

*Stachys palustris* L. var. *pilosa* (Nutt.) Fern. - Marsh Hedge-nettle

**LENTIBULARIACEAE** (Bladderwort Family)

*Utricularia intermedia* Hayne - Flat-leaved Bladderwort

**LILIACEAE** (Lily Family)

*Lilium philadelphicum* L. var. *andinum* (Nutt.) Ker. - Western Red Wood Lily  
*Lilium philadelphicum* L. var. *andinum* (Nutt.) Ker forma *immaculatum* Raup - Immaculate Yellow Lily. (R)

*Maianthemum canadense* Desf. var. *interius* Fern. - Two-leaved Solomon's-seal

*Smilacina trifolia* (L.) Desf. - Three-leaved Solomon's-seal

**LORANTHACEAE** (Mistletoe Family)

*Arceuthobium americanum* Nutt. - Pine or American Mistletoe

**LYCOPODIACEAE** (Club-moss Family)

*Lycopodium annotinum* L. - Stiff Club-moss  
*Lycopodium clavatum* L. - Running Club-moss  
*Lycopodium complanatum* L. -

Ground-cedar; Trailing Club-moss

*Lycopodium dendroideum* Michx. - Ground-pine; Tree Club-moss

**MYRICACEAE** (Bayberry Family)

*Myrica gale* L. - Sweet Gale; Bog-myrtle

**NYMPHACEAE** (Water Lily Family)

*Nuphar variegatum* Engelm. - Yellow Pond-lily

**ONAGRACEAE** (Evening-primrose Family)

*Circaeа alpina* L. - Small Enchanter's-nightshade

*Epilobium angustifolium* L. - Fireweed

*Epilobium ciliatum* Raf. - Northern Willow-herb

*Epilobium palustre* L. - Marsh Willow-herb

**ORCHIDACEAE** (Orchid Family)

*Cypripedium acaule* Ait. - Stemless Lady's-slipper

*Cypripedium calceolus* L. var. *parviflorum* (Salisb.) Fern. - Small Yellow Lady's-slipper

*Goodyera repens* (L.) R. Br. - Lesser Rattlesnake Plantain

*Platanthera hyperborea* (L.) Lindl. - Northern Green Bog Orchid

*Platanthera obtusata* (Banks) Lindl. - Small Northern Bog Orchid

*Spiranthes romanzoffiana* Cham. & Schl. - Hooded Ladies'-tresses

**PINACEAE** (Pine Family)

*Abies balsamea* (L.) Mill. - Balsam Fir

*Larix laricina* (Du Roi) K. Koch - Tamarack; American Larch

*Picea glauca* (Moench) Voss - White Spruce

*Picea mariana* (Mill.) BSP. - Black Spruce

*Pinus banksiana* Lamb. - Jack Pine

**PLANTAGINACEAE** (Plantain Family)

*Plantago major* L. - Common or Broadleaf Plantain; White-man's Foot\*

**POACEAE** (Grass Family)

- Agropyron trachycaulum* (Link)  
Malte - Slender or Western  
Wheatgrass
- Agrostis scabra* Willd. - Rough Hair-grass; Tickle-grass
- Alopecurus aequalis* Sobol. - Short-awned or Water Foxtail
- Calamagrostis canadensis* (Michx.) Beauv. - Blue Joint; Marsh Reed Grass
- Elymus innovatus* Beal. - Hairy Wild-rye
- Glyceria borealis* (Nash) Batch. - Northern Manna Grass
- Festuca saximontana* Rydb. - Rocky Mountain Fescue
- Hierochloe odorata* (L.) Beauv. - Sweet Grass
- Oryzopsis asperifolia* Michx. - White-grained Mountain-rice
- Oryzopsis pungens* (Torr.) Hitch. - Slender Mountain-rice
- Phalaris arundinacea* L. - Reed Canary Grass
- Phragmites australis* (Cav.) Trin. - Common Reed Grass
- Poa arctica* R.Br. - Arctic Blue Grass. (R)
- Poa interior* Rydb. - Inland or Woodland Blue Grass
- Poa palustris* L. - Fowl Blue Grass
- Schizachne purpurascens* (Torr.) Swallen - Purple Oat-grass

**POLYGONACEAE** (Buckwheat Family)

- Polygonum amphibium* L. var. *stipulaceum* (Coleman) Fern. var. *hirtuosum* (Farw.) Fern. - Water or Swamp Persicaria or Smart-weed
- Polygonum ciliinode* Michx. - Fringed Black Bindweed
- Polygonum punctatum* Ell. var. *confertiflorum* (Meisn.) Fassett - Dotted Water Smartweed. (R)
- Rumex triangulivalvis* (Dans.) Rech. f. - Willow-leaved or Mexican Dock

**POLYPODIACEAE** (Polypody Family)**Polypodium virginianum** L. -

Common or Virginia Polypody;  
Common Rock-tripe

**POTAMOGETONACEAE**

(Pondweed Family)

- Potamogeton gramineus* L. - Grass-leaved Pondweed
- Potamogeton natans* L. - Common Floating Pondweed
- Potamogeton pusillus* L. - Small Pondweed
- Potamogeton richardsonii* (Benn.) Rydb
- Potamogeton zosteriformis* Fern. - Eel-grass Pondweed

**PRIMULACEAE** (Primrose Family)

- Lysimachia thyrsiflora* L. - Tufted Loosestrife
- Trientalis borealis* Raf. - Northern Star Flower

**PYROLACEAE** (Wintergreen Family)

- Chimaphila umbellata* (L.) Bart. - Prince's-pine
- Moneses uniflora* (L.) A. Gray - One-flowered Wintergreen
- Orthilia secunda* (L.) House - One-sided Wintergreen or Pyrola
- Pyrola asarifolia* Michx. - Pink Wintergreen or Pyrola
- Pyrola elliptica* Nutt. - Common Shinleaf
- Pyrola virens* Schweig. - Green-flowered Wintergreen or Pyrola

**RANUNCULACEAE** (Buttercup Family)

- Actaea rubra* (Ait.) Willd. forma *neglecta* (Gilman) Robins - White Baneberry
- Caltha natans* Pall. - Floating Marsh Marigold
- Caltha palustris* L. - Marsh-marigold
- Pulsatilla ludoviciana* (Nutt.) Heller - Crocus Anemone; Pasque-flower; Prairie-crocus
- Ranunculus flammula* L. - Creeping Spearwort
- Ranunculus gmelinii* DC. - Small Yellow Watercrowfoot
- Ranunculus lapponicus* L. - Lapland

Buttercup	Willow
<i>Ranunculus pensylvanicus</i> L. f. -	<i>Salix pyrifolia</i> Anderss. - Balsam or
Bristly Buttercup	Pear-leaved Willow
<b>ROSACEAE</b> (Rose Family)	<b>SANTALACEAE</b> (Sandalwood
<i>Amelanchier alnifolia</i> Nutt. -	Family)
Saskatoon Serviceberry	<i>Comandra umbellata</i> A. DC. var
<i>Fragaria glauca</i> (S. Wats.) Rydb. -	<i>umbellata</i> - Common Comandra;
Smooth Wild Strawberry	Bastard Toad-flax
<i>Geum aleppicum</i> Jacq. - Yellow	<i>Geocaulon lividum</i> (Richards.) Fern.
Avens	- Northern Comandra
<i>Potentilla norvegica</i> L. - Rough	<b>SAXIFRAGACEAE</b> (Saxifrage
Cinquefoil	Family)
<i>Potentilla palustris</i> (L.) Scop. -	<i>Heuchera richardsonii</i> R. Br. -
Marsh Cinquefoil	Richardson's Alum-root
<i>Potentilla pensylvanica</i> L. var.	<i>Mitella nuda</i> L. - Mitrewort;
<i>pensylvanica</i> - Prairie or	Bishop's-cap
Pennsylvania Cinquefoil	<i>Parnassia palustris</i> L. - Northern
<i>Prunus pensylvanica</i> L. f. - Pin	Grass-of-Parnassus
Cherry; Bird Cherry	<i>Saxifraga tricuspidata</i> Rottb. -
<i>Rosa acicularis</i> Lindl. ssp. <i>sayi</i>	Three-toothed Saxifrage
(Schwein.) Lewis - Prickly Wild	
Rose	<b>SCROPHULARIACEAE</b> (Figwort
<i>Rosa woodsii</i> Lindl. - Wood's Wild	Family)
Rose	<i>Melampyrum lineare</i> Desv. - Cow-
<i>Rubus idaeus</i> L. var. <i>strigosus</i>	wheat
(Michx.) Maxim. - Wild Red or	<b>SPARGANIACEAE</b> (Bur-reed
Canada Raspberry	Family)
<i>Rubus pubescens</i> Raf. - Dewberry;	<i>Sparganium angustifolium</i> Michx. -
Bramble; Running Raspberry	Narrow-leaved Bur-reed
<b>RUBIACEAE</b> (Madder Family)	<i>Sparganium eurycarpum</i> Engelm. -
<i>Galium boreale</i> L. - Northern	Broad-fruited Bur-reed
Bedstraw	
<i>Galium trifidum</i> L. - Small Bedstraw	<b>TYPHACEAE</b> (Cat-tail Family)
<i>Galium triflorum</i> Michx. -	<i>Typha latifolia</i> L. - Cat-tail
Sweet-scented Bedstraw	
<b>SALICACEAE</b> (Willow Family)	<b>VIOLACEAE</b> (Violet Family)
<i>Populus balsamifera</i> L. - Balsam or	<i>Viola adunca</i> J.E. Smith - Early Blue
Black Poplar	or Hooked-spur Violet
<i>Populus tremuloides</i> Michx. -	<i>Viola palustris</i> L. - Marsh Violet
Trembling Aspen; White Poplar	<i>Viola renifolia</i> Gray var. <i>brainerdii</i>
<i>Salix pedicellaris</i> Anderss. - Bog	(Greene) Fern. - Kidney-leaved
Willow	Violet
<i>Salix petiolaris</i> J.E. Smith - Basket	
Willow	(Voucher specimens are filed in the
<i>Salix planifolia</i> Pursh - Flat-leaved	W.P. Fraser Herbarium, University of
	Saskatchewan, Saskatoon, Saskatchewan.)

