

Plants of the White Spruce Forest, St. Albert, June 3, 2003

This list includes "invader" species along forest edges; it does not include mosses, lichens, grasses, sedges.

¹Indicates species listed in Pedocan Ecological Integration and Detailed Ecosystem Descriptions (1990), used as reference in the Spencer Environmental St. Albert Natural Areas Review and Inventory, Final Report, March 1999.

²Indicates IBI Vegetation Survey, EIA, Spring/Summer 1996, done by Wild Rose Consulting Inc.

Trees

Balsam Poplar ^{1, 2}	<i>Populus balsamifera</i>
Green Ash	<i>Fraxinus pensylvanica</i>
Manitoba Maple	<i>Acer negundo</i>
Trembling Aspen ^{1, 2}	<i>Populus tremuloides</i>
White Spruce ^{1, 2}	<i>Picea glauca</i>

Shrubs

Beaked Hazelnut ²	<i>Corylus cornuta</i>
Birch spp	<i>Betula spp</i>
Black Gooseberry ²	<i>Ribes lacustre</i>
Buffalo Berry/Soapberry	<i>Shepherdia Canadensis</i>
Caragana	<i>Caragana arborescens</i>
Choke Cherry	<i>Prunus virginianum</i>
European Mountain ash ¹ (Western ²)	<i>Sorbus aucuparia (scopulina)</i>
Highbush Cranberry ²	<i>Viburnum opulus</i>
Lowbush Cranberry ^{1, 2}	<i>Viburnum edule</i>
Northern Gooseberry ²	<i>Ribes oxycanthoides</i>
Peking Cotoneaster	<i>Cotoneaster acutifolius</i>
Pin Cherry	<i>Prunus Pensylvanica</i>
Prickly Rose	<i>Rosa acicularis</i>
Red Elderberry	<i>Sambucus racemosa</i>
Red Raspberry ¹	<i>Rubus idaeus</i>
Red-osier Dogwood ^{1, 2}	<i>Cornus stolonifera</i>
River Alder	<i>Alnus rugosa</i>
Saskatoon	<i>Amelanchier alnifolia</i>
Snowberry	<i>Symphoricarpos albus</i>
Twining Honeysuckle	<i>Lonicera dioica var. glaucescens</i>
Wild Red Current	<i>Ribes triste</i>
Willow spp ¹	<i>Salix spp</i>

Forbs

Alfalfa	<i>Medicago sativa</i>
Arrow-leaved Coltsfoot	<i>Petasites sagittatus</i>
Baneberry	<i>Actaea rubra</i>
Blunt-leaved Sandwort	<i>Arenaria lateriflora</i>
Bunchberry ¹	<i>Comus canadensis</i>
Canada Anemone	<i>Anemone canadensis</i>
Canada Goldenrod	<i>Solidago Canadensis</i>
Canada Thistle	<i>Cirsium arvense</i>
Common Dandelion ²	<i>Taraxacum officinale</i>
Common Nettle	<i>Urtica dioica</i>
Common Pink Wintergreen ^{1,2}	<i>Pyrola asarifolia</i>
Common Plantain	<i>Plantago major</i>
Cow Parsnip	<i>Heracleum lanataum</i>
Creamy Peavine	<i>Lathyrus ochroleucus</i>
Enchanter's Nightshade ¹	<i>Circaea alpina</i>
Fairybells ²	<i>Disporum trachycarpum</i>
Field Horsetail ^{1,2}	<i>Equisetum arvense</i>
Fireweed ²	<i>Epilobium augustifolium</i>
Fringed Loosestrife	<i>Lysimachia ciliata</i>
Lamb's Quarter	<i>Chenopodium album</i>
Many-flowered Yarrow	<i>Achillea sibirica</i>
Marsh Hedge-nettle	<i>Stachys palustris</i>
Meadow Rue spp.	<i>Thalictrum spp.</i>
Mitrewort ^{1,2}	<i>Mitella nuda</i>
Mustard	<i>Brassica kaber</i>
Northern Bedstraw	<i>Galium boreale</i>
Oak Fern	<i>Gymnocarpium dryopetris</i>
One-sided Wintergreen ¹	<i>Orthilia secunda</i>
Palmate-leaved Coltsfoot	<i>Petasites palmatus</i>
Perennial Sow Thistle	<i>Sonchus arvensis</i>
Red Clover	<i>Trifolium pratense</i>
Scentless Chamomile	<i>Matricaria maritima</i>
Showy Aster	<i>Aster conspicuus</i>
Shepherd's Purse	<i>Capsella bursa pastoris</i>
Silverweed	<i>Potentilla anserina</i>
Stinkweed	<i>Thlaspi arvense</i>
Strawberry ²	<i>Fragaria virginiana</i>
Spinulose Shield Fern (Woodfern ¹)	<i>Dryopteris austriaca (carthusiaca)</i>
Star-flowered Salomon's Seal	<i>Smilacina stellata</i>

Sweet-scented Bedstraw ²	<i>Galium triflorum</i>
Tall Buttercup	<i>Ranunculus acris</i>
Tall Lungwort ²	<i>Mertensia paniculata</i>
Twin Flower	<i>Linnaea borealis</i>
Western Canada Violet ²	<i>Viola canadensis</i>
White Clover	<i>Trifolium repens</i>
Wild Lily-of-the-Valley ²	<i>Maianthemum canadense</i>
Wild Mint	<i>Mentha arvensis</i>
Wild Sasparilla ²	<i>Aralia nudicaulis</i>
Wild Vetch	<i>Vicia americana</i>
Yellow Avens	<i>Geum aleppicum</i>

According to Spencer Natural Field Evaluation Sheet, Site Identifier NW58/59, (17/12/98), there is “No unusual high diversity of plant and/or animal community at this location.”

Observation: According to the “Big Lake Natural Area Management Plan. Phase I Report”, there is a need to conduct rare plant surveys in all portions of the Big Lake Study Area, as well as a survey of mosses and lichens, and an Alberta Wetland Inventory Standards Survey.

Phase I Report: “Rare plants are not always found each season. Climate, dormancy factors or even the timing of the survey of certain rare plants can affect whether or not a rare plant emerges that season or is present at the time of survey. Therefore surveys may not have observed certain rare plants despite their presence.” (p.46)

(My list is not a complete species inventory)

Elke Blodgett, St. Albert