

pollinator plants

Native species from Alberta and Saskatchewan

Prepared by the
**Urban Ecosystem Services
Research Group**

University of Saskatchewan
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Table of Contents

<u>Vines</u>	4
<u>Trees</u>	7
<u>Sub-shrubs</u>	19
<u>Shrubs</u>	22
<u>Sedges</u>	43
Rush	53
Grasses	55
Forbs	80
Ferns	156
Aquatics	158

Vines perennial



perennial

Twining Honeysuckle

Lonicera dioica
Caprifoliaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
orange, yellow	12-36	6,7	partial sun, shade	average, moist	bees, birds food	AB, SK

Western Clematis

Clematis ligusticifolia
Ranunculaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white	3-30	4,5,6,7,8,9	partial sun, sun, shade	moist	butterflies, moths, bees	AB, SK

Purple Clematis

Clematis occidentalis var.
grosseserrata
Ranunculaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
purple, white	10-78	3,4,5,6,7	partial sun, sun	moist, well drained	butterflies	AB, SK



Vines

perennial

Climbing/American Bittersweet

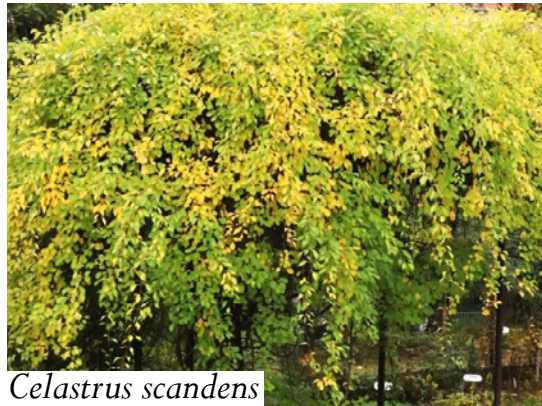
Celastrus scandens
Celastraceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white, green	180-240	5,6	partial sun, sun	moist, well drained	bees	SK

Wild Hops

Humulus lupulus
Cannabaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
green, yellow	36-300	7,8	partial sun, sun	average, moist	wind	SK



Trees perennial



perennial

Saskatoon Berry

Amelanchier alnifolia

Roseceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white	39-236	5, 6	partial sun, sun	dry, average, moist	butterflies, bees, beetles, birds	AB, SK

Northern Mountain Ash

Ash

Sorbus decora

Roseceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white	120-480	6, 7	partial sun, sun	moist, drought	bees, flies, birds	SK

Western Red Cedar

Thuja plicata

Cupressaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white	1200-2400	4	partial sun, sun	moist	butterflies	AB



Amelanchier alnifolia



Sorbus decora



Thuja plicata

Trees

perennial

Mountain Hemlock

Tsuga heterophylla
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
purple	1200 - 1800	4	partial sun, sun	moist	butterflies, bees, beetles, birds	AB, SK

American Elm

Ulmus americana
Ulmaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
red, green	729 - 960	2, 3, 4	partial sun, sun	moist	wind	SK

Nanny-berry / Sweet Vibur

Viburnum lentago
Adoxaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white	168 - 192	5	partial sun, sun	average, moist, well drained	butterflies, bees	AB, SK



perennial

Balsam Fir
Abies balsamea
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow, green, purple, brown	600 - 840	9, 10, 11	partial sun, sun	average	wind	AB, SK

Grand Fir
Abies grandis
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white, green	1200 - 30000	4, 5	partial sun, sun	average	wind	AB

Subalpine Fir
Abies lasiocarpa
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white, green	60 - 100	4, 5	partial sun, sun	dry, average, moist	wind	AB



Trees

perennial

Mountain / White Maple

Acer spicatum
Sapindaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white, yellow	120 - 300	6, 7	partial sun, sun	moist	bees, birds	SK

Manitoba Maple

Acer negundo
Sapindaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow, green	360 - 600	4, 5	partial sun, sun	average, moist	wind	AB, SK

Speckled Alder

Alnus rugosa
Betulaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow, green	180 - 300	4, 5	partial sun, sun, shade	moist	wind	SK



Trees

perennial

White / Paper Birch

Betula papyrifera
Betulaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow, green	600 - 840	4	partial sun, sun, shade	moist	wind	AB, SK

Green / Red Ash

Fraxinus pennsylvanica
Oleaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
purple	600 - 840	4, 5	sun	average	wind	AB, SK

Rocky Mountain Juniper

Juniperus scopulorum
Cupressaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white	360 - 480	4, 5	partial sun, sun	dry	wind	AB, SK



Betula papyrifera



Fraxinus pennsylvanica



Juniperos scopulorum

perennial

Tamarack

Larix laricina

Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
red, yellow, green	396 - 792	4	sun	moist, well drained	wind	AB, SK

Engelmann Spruce

Picea engelmannii

Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow	960 - 1200	4, 5	sun	moist, well drained	wind	AB

White Spruce

Picea glauca

Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
red, yellow	480 - 720	4, 5	sun	average	wind	AB, SK



Larix laricina



Picea engelmannii



Picea glauca

perennial

Black Spruce

Picea mariana
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
red, yellow	180 - 600	4, 5	partial sun, sun, shade	average, well drained	birds, butterflies	AB, SK

Jack Pine

Pinus banksiana
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
red, yellow	420 - 600	4, 5	sun	moist	wind	AB, SK

Lodgepole Pine

Pinus contorta
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow	240 - 420	6	sun	moist, well drained	wind	AB, SK



Picea mariana



Pinus banksiana



Pinus contorta

perennial

Limber Pine

Pinus flexilis
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
red, green, purple	480 - 720	6, 7, 8	sun, part shade	sun, well drained	wind	AB

Western White Pine

Pinus monticola
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow	540 - 1800	4	sun	dry, average, moist, well drained	wind	AB

Ponderosa Pine

Pinus ponderosa
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
red, yellow	720 - 1500	4	sun, part shade, shade	average, moist, well drained	wind	AB



perennial

Balsam Poplar

Populus balsamifera

Salicaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow, green	480 - 960	4, 5	partial sun, sun	moist	wind	AB, SK

Eastern / Western Cottonwood

Populus deltoides

Salicaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow	960 - 1440	4, 5	partial sun, sun	moist	wind	AB, SK

Trembling Aspen

Populus tremuloides

Salicaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
green	720 - 1200	3, 4, 5, 6	partial sun, sun	moist, well drained	wind	AB, SK



Populus balsamifera



Populus deltoides



Populus tremuloides

perennial

Pin Cherry

Prunus pensylvanica
Rosaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white	420 - 600	4, 5, 6	sun	dry	birds, butterflies, bees	AB, SK

Western Chokecherry

Prunus virginiana
Rosaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	soil	Pollinators	Location
white	240 - 360	4, 5, 6	sun, partial sun, shade	dry, average, moist	bees, flies	AB, SK

Douglas Fir

Pseudotsuga menziesii
Pinaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	soil	Pollinators	Location
red, yellow	480 - 960	4	sun	dr	wind	AB, SK



Prunus pensylvanica



Prunus virginiana



Pseudotsuga menziesii

Trees

perennial

Bur Oak

Quercus macrocarpa
Fagaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow, green, brown	720 - 840	3, 4, 5	sun, partial sun, shade	dry, average, moist	wind	SK

Peach-leaved Willow

Salix amygdaloides
Salicaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow	156 - 780	5, 6	sun	moist	bees	AB, SK

Gray-leaved Willow

Salix glauca
Salicaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white, green, brown	36 - 48	6	sun	moist	bees	AB, SK

Yellow Willow

Salix lutea
Salicaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow	192, 276	5, 6, 7, 8	sun	moist	bees	SK



Quercus macrocarpa



Salix amygdaloides



Salix glauca



Salix lutea

Sub-shrubs perennial



perennial

Yellow Beardtongue

Penstemon confertus
Plantaginaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
yellow	6 - 18	6, 7	sun	dry, average	butterflies, birds	AB, SK

Lilac-flowered Beardtongue

Penstemon gracilis
Plantaginaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
purple	6 - 18	6, 7	sun, partial sun	dry, average, moist	butterflies, bees	AB, SK

Smooth Blue Beardtongue

Penstemon nitidus
Plantaginaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
blue	6 - 18	5, 6	sun	dry, average	butterflies	AB, SK



Sub-shrubs

perennial

Rocky Mountain
Beeplant (Pink Cleome)

Peritoma serrulata
Cleomaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
pink, white	24 - 48	7, 8	sun, partial sun	dry, average, moist	butterflies, moths, bees	AB, SK

Sarsaparilla

Aralia nudicaulis
Araliaceae

Bloom Color	Height (inch)	Bloom period (months)	Light and shade	Soil	Pollinators	Location
white, green, brown	12 - 24	5, 6	sun, shade	moist	bumblebees	AB, SK



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