

Native Plants Growing Conditions

Common name	Botanical name	Use/Notes	Form	Size (h x w)	Light	Soil	Moisture	Bloom Time	Bloom Colour	Wildlife
Big Blue Stem	<i>Andropogon gerardii</i>	Grass	Clumping Grass	6'x2'	Full Sun	Average	Dry	Fall to Winter	Reddish Purple	Birds, Butterflies
Black-eyed Susan	<i>Rudbeckia hirta</i>	Massing	Upright, forb	4'x1'	Full Sun to Part Shade	Average to Sandy	Dry to medium	Summer	Orange	Bees, Birds, Butterflies
Blue and White Bottle Gentian	<i>Gentiana andrewsii</i>		Flower	1.5'	Sun to partial shade	Moist to average	Medium to moist	Summer - Fall	Blue	Bumblebees
Blue Beech/ American Hornbeam/ Musclewood	<i>Carpinus caroliniana</i>		Tree (understory)	up to 8 m	Full sun or shade	Rich, well drained	moist soil		Yellow, papery fruit	Squirrels and birds eat flowers and seeds
Blue Flag Iris	<i>Iris versicolor</i>		Forb	45 - 75 cm/ 1.5 - 2.5'	Sun to part sun	moist, well-drained soil		Spring	Blue	
Blue-eyed Grass	<i>Sisyrinchium montanum</i>		Forb	24"/60cm	Full sun	Moist well-drained		June to July	Light-blue flowers with a yellow eye, grass-like foliage	Bees
Bluestemmed Goldenrod	<i>Solidago caesia</i>		Flower	3'x3'	Full sun to part shade	Average, well drained	Dry to medium	Late summer	Yellow	Bees and butterflies
Boneset	<i>Eupatorium perfoliatum</i>	Specimen, Massing	Upright, forb	6'x4'	Full Sun to Part Shade	Average	Medium to wet	Summer to fall	White	Butterflies
Bottlebrush Grass	<i>Elymus hystrix</i>	Specimen, Massing	Grass	3'x1.5'	Full Sun to Part Shade	Average, well drained	Dry to medium	Summer (late) to fall	Green to brown	Birds
Bush Honeysuckle	<i>Diervilla lonicera</i>	erosion control	Shrub, ground cover	1-1.2 metres height and spread	Full sun to partial shade	Poor, sandy, well drained	Dry	Summer	Yellow with red, orange or purple	Hummingbirds, birds
Butterfly Milkweed	<i>Asclepias tuberosa</i>	Specimen, Massing	Forb	1-3' / 30 to 90 cm	Full Sun to light shade	Well-drained, dry to average moisture	average to dry	June to September	Bright Orange	Butterflies - larval host plants to the Monarch and Queen butterfly
Buttonbush	<i>Cephalanthus occidentalis</i>		Shrub	up to 5'	Full sun to partial sun		Moist	Summer	White	Songbirds, mammals, hummingbirds and butterflies
Canada (Kalm's) Hawkweed	<i>Hieracium kalmii</i>		Forb	2 to 5 ft		Meadows, dry, sandy	Drought tolerant	July-Sept	Yellow	
Canada Wild Rye	<i>Elymus canadensis</i>	Specimen, Massing	Grass	2'x2'	Deciduous Shade	Average to rich	Dry to medium	Summer	Yellow / White	Bees
Cardinal Flower	<i>Lobelia cardinalis</i>	Specimen, Massing	Upright, forb	3'x1'	Full Sun to Part Shade	Rich, Woodland	Medium to wet	Summer	Red	Bees, Birds, Butterflies
Common Elderberry	<i>Sambucus canadensis</i>	used for wine and jelly	Flowering shrub with berries	10' / 3m	Partial shade	Moist well-drained		June	White	Dark-purple fruit attracts song birds
Culver's Root	<i>Veronicastrum virginiana</i>		Flower	6'x1'	Full sun to part shade	Average	Medium to dry	Summer	White	Bees, birds, butterflies
Dense Blazing Star	<i>Liatris spicata</i>	Specimen, Massing	Upright, forb	5'x1'	Full Sun to Part Shade	Rich, Meadow	Medium	Summer	Pink/Purple	Bees, Birds, Butterflies
Dense/Cylindrical Blazing Star	<i>Liatris cylindracea</i>		Flower	1-2'/30 to 60 cm.	Partial shade/sun	Medium dry soil Prairie/Savannah	Medium to dry	Mid-July to early August	Bright purple	Butterflies, hummingbirds and bees
Downy Yellow Violet	<i>Viola pubescens</i>		Flower	20 to 30 cm	Partial shade	Rich, Woodland	Dry	May to August	Yellow	Birds, butterflies, mammals, pollinators
Drooping Wood Sedge	<i>Carex arctata</i>		Grass	8" to 40"	Partial sun to shade	Average, well drained	Medium	Summer	Green spikes	
Early Goldenrod	<i>Solidago juncea</i>	Specimen, Massing	Upright, forb	4'x3'	Full Sun to Part Shade	Average, well drained	Dry to medium	Summer	Yellow	Bees, Birds, Butterflies

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Evening Primrose	<i>Oenothera biennis</i>	Specimen, Massing	Upright, forb, biennial	3' to 5'	Full sun to part shade	Average, medium moisture, well-drained soils but tolerates gravelly or sandy soils	Medium, but somewhat drought tolerant	June to Sept.	Yellow	Birds, Butterflies, moths, bees
False Solomon Seal	<i>Mianthemum racemosum</i>	medicinal tea	Flower	1' to 3'	Partial to full shade	Rich, well drained	Moist	Late spring	White to pale yellow, red berries	Birds and mammals
Flat Topped Goldenrod/Aster	<i>Aster umbellatus</i>	Early blooming aster	Flower	2'-5'h x 2'-4' wide	Partial sun to full shade	Pond areas, low, wet sandy sites	Moist	Late Summer	White	Bees and butterflies (host and nectar)
Golden Alexander	<i>Zizia aurea</i>	Specimen, massing	Upright, forb	2'x2'	Part Sun to Part Shade	Rich, Woodland	Medium	Summer	Yellow	Bees, Butterflies
Grassleaved Solidago	<i>Euthonia graminifolia</i>		Grass	1 m h x 3 to .9 cm w	Full Sun	Moist with organic matter	Medium but tolerates dry	Summer	Yellow	bees, butterflies, moths, beetles, Goldfinch and Swamp Sparrows.
Gray Goldenrod	<i>Solidago nemoralis</i>	Specimen, Massing	Upright, forb	3'x1'	Full Sun to Part Shade	Average, well drained	Dry to medium	Summer (late)	Yellow	Bees, insects
Great Blue Lobelia	<i>Lobelia siphilitica</i>	Specimen, Massing	Upright, forb	2'x1'	Full Sun to Part Shade	Rich, Woodland	Medium to wet	Summer	Blue	Bees, Birds, Butterflies
Greenheaded Coneflower	<i>Rudbeckia laciniata</i>	Specimen, Massing	Upright, forb	5'x1'	Full Sun to Part Shade	Average	Dry to medium	Summer	Yellow	Bees, Birds, Butterflies
Hairy Beardtongue	<i>Penstemon hirsutus</i>	Specimen, Massing	Upright, forb	3'x1'	Full Sun to Full Shade	Average	Dry to medium	Summer (Early)	Pink/Purple	Bees, Butterflies
Hop Hornbeam or Ironwood	<i>Ostrya virginiana</i>	Strong wood	Tree	20' to 30'	Sun to partial shade	Rich, organic matter	Moist in early stages		Yellow catkins, hop like fruit clusters	Birds and mammals Butterfly larval host
Indian Cup Plant	<i>Silphium perfoliatum</i>	Specimen, Massing	Upright, forb	8'x2'	Full Sun to Part Shade	Average, well drained	Dry to medium	Summer	Yellow	Bees, Birds, Butterflies
Indian Grass	<i>Sorghastrum nutans</i>	Specimen, Massing	Clumping Grass	5'x1'	Full Sun	Average, well drained	Dry	Summer (late)	yellow to light brown	Birds, Butterflies
Large-leaved Goldenrod	<i>Solidago macrophylla</i>	Specimen, Massing	Upright, forb	105 cm / 42"	Full Sun	Boreal, and subalpine forests, alpine ravines and plateaus, Sandy and gravelly soils, rocky ledges.		Aug. to Sept.	Yellow	Native bees
Liatris spicata	<i>Blazing Star</i>		Forb	1-4'/30 to 120 cm.	Sun/ Shade	Medium to Moist soil. Prairie/Savannah		Mid-July to September	Bright purple, Dense wand of small thistle-like blossoms	Butterflies, hummingbirds and bees
Little Bluestem	<i>Schizachyrium scoparium</i>	Specimen, Massing	Grass	2-4'/12 to 120 cm.	Sun	Tall grass prairies,	Dry to moist soil	White seedstalks in late October	Blue/green/red hues	Butterflies. Birds eat seeds
Mayapple	<i>Podophyllum peltatum</i>	can be toxic	Flower	11" to 1.5'	Full to partial shade	Moist woodland	Moist	Spring	Pink, white	Pollinators
Moonseed Vine or Yellow parilla	<i>Menispermum canadense</i>	can be toxic, aggressive	Vine	9' to 15'	Sun to partial sun	Dry, mesic	Dry	Late spring-early summer	Greenish-yellow, black fruit	
Mountain Mint (Virginia)	<i>Pycnanthemum virginiana</i>	Specimen, Massing	Upright, forb	3'x3'	Full Sun to Part Shade	Rich, Woodland	Dry to medium	Summer	White/Pink	Bees, Butterflies
New England Aster	<i>Symphotrichum novae-angliae</i>	Specimen, Massing	Upright, forb	5'x2'	Full Sun to Part Shade	Average, well drained	Medium	Summer (late)	Purple & orange	Bees, Birds, Butterflies
New Jersey Tea	<i>Ceanothus americanus</i>	leaves made into tea	Shrub	2 to 4 ft high, 3 to 5 ft wide	Sun	Med to very dry, well drained		Late spring to summer	White	pollinators, butterflies, birds

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Nodding Wild Onion	<i>Allium cernuum</i>	Specimen, Massing	Bulb/forb	1'x1'	Full Sun to Part Shade	Average	Dry to medium	Summer	Pink/Purple	Birds, Bees, Butterflies
Ohio Buckeye	<i>Aesculus glabra</i>		Tree	30' to 50'	Sun	Loam	Moist, well drained	Spring	Greenish-Yellow	Hummingbirds, mammals, pollinators
Osage Orange	<i>Malcura pomifera</i>	windbreak	Tree	4 to 7 m	Full sun	Wide variety of soils and pH	Tolerates very wet to very dry		green flowers, grapefruit sized fruit	Wildlife eat fruit but not first choice
Pagoda Dogwood	<i>Cornus alternifolia</i>		Shrub	10' to 25'	Sun to part shade	All types	Dry to moist	Early summer	Creamy white flowers.	Birds and butterflies mammals
Paw Paw	<i>Paw Paw</i>	2 trees needed for fruit (edible)	Tree	15 to 20 ft	Partial Sun		Moist		Large green fruit, edible	Beetles and flies pollinate
Pearly Everlasting	<i>Anaphalis margaritacea</i>	Good for dried flowers.	Flower	up to 90 cm	Full Sun	Dry meadows and open thickets	Dry	June to September	White	Butterflie larva and bees
Prairie Smoke	<i>Geum triflorum</i>	Specimen, Massing	Clumping, Forb	1'x1'	Full Sun to Part Shade	Average	Dry to medium	Spring	Pink	Bees, Butterflies
Purple Coneflower	<i>Echinacea purpurea</i>	Specimen, Massing	Forb	2-3'/60 to 90 cm.	Sun	Medium soil. Prairie	Tolerates dry soil	June to October	Purple	Butterflies
Red Baneberry	<i>Actaea rubra</i>		Forb	1-3'/30 to 90 cm.	Partial sun to Shade	moist, rich woods; Sand, Loam, Clay		May and June	White flowers, Red fruit	All parts are poisonous
Red-Osier Dogwood	<i>Cornus sericea</i>		Shrub	3' to 10'	Sun to part shade	All types	Moist	Late Spring - Early Summer	White flowers, blue berries	Birds and mammals. Fruit eaten by birds in winter.
Sand Dropseed	<i>Sporobolus cryptandrus</i>	Good for xeriscape and roof gardens	Grass	1 m h x .15 to .6 m w	Full sun to partial shade	Tolerates moist but prefers dry and sandy	Dry	Summer	Yellow	Deer, small mammals and game birds
Sandbank (Dry-Spike) Sedge	<i>Carex siccata</i>		Grass	6 to 36 inches	Full Sun	Sandy or rocky soil	Dry	June to July	Yellow	Sedges host butterflies
Shrubby St. John's Wort	<i>Hypericum prolificum</i>		Shrub	2 ft h x 3 ft w	Full sun to partial shade	sand, loam or light clay		Mid-summer	Yellow	Native bees and butterflies
Sky Blue Aster	<i>Aster oolentangiensis</i>		Forb	2-4'/30 to 80 cm.	Sun to almost full shade	Medium dry soil Prairie/savannah		September, October	Sky blue flowers	Butterflies
Smooth Rose	<i>Rosa Blanda</i>		Shrub	2-5'/60 to 150 cm.	Sun	Dry sandy soil		June to August	Pale Pink	Butterflies
Spikenard	<i>Aralia racemosa</i>		Shrub	up to 6' tall, bushy	Partial shade	Well-drained rich soil	Moist to medium	Summer	Greenish white, purple berries	Poisonous fruit
Switch Grass/Switch Grass	<i>Panicum virgatum</i>	Specimen, Massing	Grass	4-6'/ 120 to 180 cm.	Sun	Tall grass prairies, sand dunes etc.	Medium to dry	Mid-summer to autumn	Purple in flower, then tan	Migrating birds eat seeds
Tall Meadow Rue	<i>Thalictrum polygonatum</i>	Specimen	Upright, forb	5'x2'	Part Sun to Part Shade	Rich, Woodland	Medium	Summer	White to green	Bees
Thimbleweed	<i>Anemone cylindrica</i>	Specimen, Massing	Forb	1 to 2 ft.	Full sun to part shade	Sandy or gritty, dry to medium, well-drained soils	Dry to medium	June to July	Greenish-white	
Tufted Hairgrass	<i>Deschampsia caespitosa</i>		Grass (clumping)	5'x2'	Sun to part shade	Average to rich	Medium	Spring to Summer	Bronze grass stems	Birds and mammals. Birds eat seedheads.
Turtle head	<i>Chelone glabra</i>	Specimen, Massing	Upright, forb	4'x1'	Full Sun to Part Shade	Rich, Woodland	Medium to wet	Summer	White	Bees, Butterflies
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	Salt tolerant	Vine	30' to 50'	Full to partial shade	Moist woodland	Dry to moist	Summer	Green, berries	Birds and mammals
Virginia Ground Cherry	<i>Physalis virginiana</i>	Can be aggressive, rhizomes	Flower	1' to 3'	Sun to shade	Sandy, prairie	Dry, mesic	Summer	Pale yellow	
Virginia Wild Rye	<i>Elymus virginicus</i>		Grass	2' to 3'	Sun to partial shade	Loam	Moist	Summer	Green, brown fruit	Songbirds, hummingbirds and butterflies

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Virgin's Bower	<i>Clematis virginiana</i>	Specimen, Massing	Vine or Groundcover	up to 20x6'	Full Sun to Part Shade	Average to rich	Moist to medium	Summer (late)	White	Bees, Birds, Butterflies
White Birch	<i>Betula papyrifera</i>	aka Paper Birch, canoes	Tree	20' to 50'	Sun to part shade	Average to sandy	Dry to medium	Spring		Birds eat catkins, seeds
White Snakeroot	<i>Eupatorium rugosum</i>		Flower	2'-4'	Sun to partial shade	Average	Dry to medium	Fall	White	Bees, butterflies, birds.
White Upland Goldenrod	<i>Solidago ptarmicoides</i>	Specimen, Massing	Upright, forb	3'x1'	Full Sun to Part Shade	Average, well drained	Dry to medium	Summer (late)	White	Bees, insects
Wild Bergamot / Bee Balm	<i>Monarda fistulosa</i>	Massing	Upright, forb	4'x1'	Full Sun to Part Shade	Average to rich	Dry to medium	Summer	Pink	Bees, Birds, Butterflies
Wild Columbine	<i>Aquilegia canadensis</i>	Specimen, Massing	Upright Forb	2'x1'	Part Sun to Part Shade	Average, well drained	Medium	Spring	yellow, orange and red	Hummingbirds
Wild Lettuce/White rattlesnake-root	<i>Prenanthes alba</i>	Medicinal for snakebite	Forb	2 to 3 ft avg.	Part shade to shade	Well drained	Dry	Aug to Sept	White	
Wood Poppy	<i>Celadine poppy</i>	sap used as dye	Flower	11" to 1.5'	Partial to full shade	Rich, organic matter	Moist, well drained	Spring	Yellow	Ants
Wood Rush	<i>Luzula multiflora</i>		Rush	Up to 3'/Up to 90 cm.	Sun to partial shade	moist meadows and Woodlands		Early spring	Red-brown	
Woodland Flax	<i>Linum virginianum</i>		Forb	1 to 3 ft	Sun to partial shade	Moist, rich, slightly acidic	Moist to dry		Yellow	Biennial
Woodland Raspberry	<i>Rubus odoratus</i>	Edible fruit but dry and crumbly	Shrub	up to 1.8 m high x 3.7 m wide	Full sun to partial shade	Average, well drained	Medium	Summer	Rose-purple flowers, red fruit	Song birds and mammals eat berries
Woodland Strawberry	<i>Fragaria vesca</i>	Low Groundcover	Spreading	.5'x1'	Full Sun to Part Shade	Rich, Meadow	Medium	Spring (late) to early summer	White	Bees, Birds, Butterflies
Yellow Birch	<i>Betula lutea (alleghaniensis)</i>		Tree	60' to 80'	Sun to part shade	Upland, Rich, Woodland	Moist to medium	Late Spring	Green flower, brown nuts	Butterfly larval plant, food for birds, shelter, food for mammals.
Zig Zag Goldenrod	<i>Solidago flexicaulis</i>	Specimen, Massing	Upright, forb	4'x1'	Full Sun to Part Shade	Rich, Woodland	Dry to medium	Summer (late)	Yellow	Bees, Birds, Butterflies