


Submitted by Councillor
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 City of Toronto
Urban Forestry Services

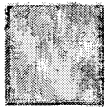
Native Ferns, Grasses & Wildflowers

Common Name	Scientific Name	Favoured Moisture	Favoured Light Regime	Flower Times	Flower Colour	Other Species Attributes
White Baneberry	<i>Actaea pachypoda</i>	Moist	shade	April/May	white	white dolls-eyes berries
Red Baneberry	<i>Actaea rubra</i>	Moist	partial shade to shade	April/May	white	attractive red berries
Common Agnemony	<i>Agrimonia gryposepala</i>	Moist	partial shade	Aug/Sept	yellow	woods, thickets
Big Bluestem	<i>Andropogon gerardii</i>	Dry	Full sun	July/August		turkey foot seed head, very tall
Canada Anemone	<i>Anemone canadensis</i>	Moist	partial shade to shade	June	white/yellow	spreads from rhizomes
Common Thimbleweed	<i>Anemone virginiana</i>	Moist	sun to partial shade	June	green	white fluffy seedheads
Groundnut	<i>Apis americana</i>	Moist-Wet	sun to partial shade	August	tan/purple	spreads rapidly from tubers
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	Dry-Moist	sun to light shade	July/August	pink	attracts bees and butterflies
Wild Columbine	<i>Asclepias canadensis</i>	Dry-Moist	sun to shade	May/June	red	attracts hummingbirds, self-seeds
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	Moist	partial shade to shade	May/June	green/white	woods, purplish black berried
Jack-in-the-Pulpit	<i>Arisaema triphyllum</i>	Moist	partial shade to shade	April/May	purple/green/brown	red berries
Wild Ginger	<i>Asarum canadense</i>	Moist	partial shade to shade	May	purple/brown	spreads by creeping rhizomes
White Wood Aster (RT)	<i>Aster divaricatus</i>	Dry-Moist	shade to partial shade	July/August	white/yellow	heart-shaped leaves, spreads
Smooth Aster (RT)	<i>Aster laevis</i>	Dry	sun to partial shade	Sept./Oct.	violet	attracts butterflies, open woods
Big-leaved Aster	<i>Aster macrophyllus</i>	Dry	partial shade to shade	August	lavender	attracts butterflies
New England Aster	<i>Aster novae-angliae</i>	Dry-Moist	full sun	Aug. - Oct.	deep purple	attracts butterflies
Sky-blue Aster	<i>Aster coelestis</i>	Dry	sun to partial shade	Sept./Oct.	blue	attracts butterflies
Arrow-leaved Aster	<i>Aster urphyllus</i>	Dry	sun to partial shade	Sept./Oct.	blue/pink	dry woods
Northeastern Lady Fern	<i>Athyrium filix-femina</i>	Moist	partial shade to shade			vigorous, grows well in groups
Fringed Brome	<i>Bromus ciliatus</i>	Moist-Wet	sun to partial shade	June-Aug.		attracts butterflies
Eared Brome	<i>Bromus latiglumis</i>	Moist	partial shade to shade	June-Aug.		good for valley sites
Canada Bluejoint	<i>Calamagrostis canadensis</i>	Moist-Wet	sun to partial shade	July-Sept.		wildlife shelter and erosion control
Harebell	<i>Campanula rotundifolia</i>	Dry	full sun	June-Sept.	violet-blue	delicate stems and flowers
Drooping Wood Sedge	<i>Carex arcuata</i>	Dry	partial shade to shade			attracts butterflies
Bebb's Sedge	<i>Carex bebbii</i>	Moist-Wet	sun to partial shade			attracts butterflies, tussock forming
Common Wood Sedge	<i>Carex blanda</i>	Dry-Moist	partial shade to shade			tolerates compaction
Fringed Sedge (RT)	<i>Carex crinita</i>	Moist-Wet	partial shade			attracts butterflies
Black-frilled Sedge	<i>Carex eburnea</i>	Moist	partial shade to shade			attracts butterflies
Smooth-sheathed Sedge	<i>Carex lasiocarpa</i>	Moist-Wet	sun to partial shade			attracts butterflies
Early-flowering Sedge	<i>Carex pedunculata</i>	Moist	shade			attracts butterflies
Pennsylvania Sedge	<i>Carex pennsylvanica</i>	Dry	partial shade to shade			attracts butterflies
Sandbank Sedge	<i>Carex siccata</i>	Dry	sun to partial shade			attracts butterflies

Common Name	Scientific Name	Favoured Moisture	Favoured Light Regime	Flower Times	Flower Colour	Other Special Attributes
Turtlehead	<i>Chelone glabra</i>	Moist-Wet	sun to partial shade	Sept./Oct.	white/pink	attracts butterflies
Virginia Spring Beauty	<i>Claytonia virginica</i>	Moist	partial shade	April/May	pink	mottled leaf, dormant in summer
Bulbet Fern	<i>Cystopteris bulbifera</i>	Moist	partial shade			graceful, tufted
Fragile Fern	<i>Cystopteris tenuis</i>	Moist	partial shade			small fern, found on stumps
Poverty Oat Grass	<i>Danthonia spicata</i>	Dry	sun to partial shade			attracts butterflies
Out-leaved toothwort	<i>Dentaria laciniata</i>	Moist	partial shade to shade	April/May	white	deeply lobed & sharply toothed leaves
Showy Tick-trefoil	<i>Desmodium canadense</i>	Dry	sun to partial shade	July	purple	attracts butterflies, fast cover
Dutchman's Breeches	<i>Dicentra cucullaria</i>	Moist	partial shade to shade	April/May	pink	grow under Sugar Maples
Flat-topped White Aster	<i>Doellingeria umbellata</i>	Moist-Wet	sun to partial shade	Sept./Oct.	white	attracts butterflies
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	Moist	partial shade			rich moist woods, evergreen
Glandular Wood Fern	<i>Dryopteris intermedia</i>	Dry-Moist	partial shade			dry woods, evergreen
Marginal Wood Fern	<i>Dryopteris marginalis</i>	Moist	partial shade			hardy, evergreen, rich woods
Canada Wild Rye	<i>Elymus canadensis</i>	Dry-Moist	sun to partial shade	July/August		quick cover, showy flowers
Bottlebrush Grass	<i>Elymus hystrix</i>	Dry-Moist	partial shade to shade	July/August		bristly seedheads, spreads
Riverbank Wild Rye (RT)	<i>Elymus riparius</i>	Moist	partial shade	July/August		stabilizes soil
Yellow Trout Lily	<i>Erythronium americanum</i>	Dry-Moist	shade to partial shade	May-June	yellow	mottled leaf, grows from bulbs, hardy
Woodland Strawberry	<i>Fragaria vesca</i>	Dry	partial shade to shade	April/May	white	good groundcover, spreads by stolons
Wild Strawberry	<i>Fragaria virginiana</i>	Dry	Full sun	April/May	white	very urban tolerant
Bottle Gentian (RT)	<i>Gentiana andrewsii</i>	Moist	sun to partial shade	Sept./Oct.	blue/purple	spreads from root crowns
Wild Geranium	<i>Geranium maculatum</i>	Dry-Moist	sun to partial shade	May-June	pink	deciduous woods
Thin-leaved Sunflower (RT)	<i>Helianthus decapetalus</i>	Moist	sun to partial shade	August	yellow	attracts butterflies
Woodland Sunflower	<i>Helianthus divaricatus</i>	Dry	partial shade to shade	July	yellow	attracts butterflies
Pale-leaved Sunflower (RT)	<i>Helianthus stumosus</i>	Dry	sun to partial shade	July	yellow	forms colonies, attracts butterflies
Sweet Grass (RT)	<i>Hierchoe odorata</i>	Moist	sun to partial shade			fragrant, spreads by rhizomes
Virginia Waterleaf	<i>Hydrophyllum virginianum</i>	Moist	partial shade to shade	May	lavender	aggressive in moist woodland soils
Hairy Bush-clover (RT)	<i>Lespedeza hirta</i>	Dry	sun to partial shade	Sept./Oct.		bristly clover heads, open woods
Cylindric Blazing-star (RT)	<i>Liatris cylindracea</i>	Dry	sun to partial shade	August	purple	attracts butterflies, open woods
Dense Blazing-star	<i>Liatris spicata</i>	Dry-Moist	sun to partial shade	August	purple	moist prairie/meadow
Michigan Lily	<i>Lilium michiganense</i>	Moist	sun to partial shade	July	orange	grows from a bulb
Wood Lily (RT)	<i>Lilium philadelphicum</i>	Dry	partial shade to shade	June	red/orange	grows from a bulb
Great Blue Lobelia	<i>Lobelia siphilitica</i>	Moist-Wet	sun to partial shade	August	blue	attracts hummingbirds
Wild Lupine	<i>Lupinus perennis</i>	Dry	sun to partial shade	May/June	blue	difficult to transplant

Native Ferns, Grasses & Wildflowers

Common Name	Scientific Name	Favoured Moisture	Favoured Light Regime	Flower Times	Flower Colour	Other Species Attributes
Canada Mayflower	<i>Maianthemum canadense</i>	Moist	sun to shade	June/July	white/yellow	white berries, spreads by rhizomes
American Ostrich Fern	<i>Mattuceia struthiopteris</i>	Moist	sun to partial shade			large fern, moist slopes
Partridgeberry	<i>Mitella repens</i>	Dry-Moist	shade	August	white	red berries, evergreen
Mitrewort (Bishop's Cap)	<i>Mitella diphylla</i>	Moist	partial shade to shade	April/May	white	rich woods
Wild Bergamot	<i>Monarda fistulosa</i>	Dry-Moist	Full sun	July	lavender	smells like Earl Gray tea
Evening Primrose	<i>Oenothera biennis</i>	Dry-Moist	Full sun	July/August	yellow	tall, tolerates disturbed sites
Sensitive Fern	<i>Onoclea sensibilis</i>	Moist	sun to partial shade			wet woods, rapid spreader
Interrupted Fern	<i>Osmunda claytonia</i>	Dry	partial shade to shade			large, coarse fern, woodlands
Virginia Creeper	<i>Parthenocissis vitacea</i>	Dry-Moist	sun to shade	July/August	green	woods, bright blue berries
Foxglove Beardtongue	<i>Penstemon digitalis</i>	Dry	sun to partial shade	June	white	open woods, best in groupings
Hairy Beardtongue (RT)	<i>Penstemon hirsutus</i>	Dry	sun to partial shade	May	blue	open woods
May-apple	<i>Podophyllum peltatum</i>	Moist	sun to shade	May	white	attractive leaf, edible fruit
Solomon's Seal (RT)	<i>Polygonatum biflorum</i>	Dry-Moist	sun to shade	May	white	blue/black berries, rhizomatous
Christmas Fern	<i>Polystichum aristichoides</i>	Dry-Moist	partial shade to shade			compact, woods/streams, evergreen
Wood Lettuce	<i>Pransnthes siba</i>	Moist	partial shade	August/Sept	white/pink	tall, distinctive leaf
Green-headed Coneflower	<i>Rudbeckia laciniata</i>	Moist	partial shade	August	yellow	moist meadows, very hardy
Bloodroot	<i>Sanguinaria canadensis</i>	Moist	shade to partial shade	April/May	white	attractive leaf, spreads, hardy
Purple Mole Grass	<i>Schizachne purpurascens</i>	Dry	partial shade to shade			attracts butterflies
False Solomon's Seal	<i>Smilacina racemosa</i>	Dry-Moist	partial shade to shade	May/June	white	red berries, woodlands, spreads
Starry False Solomon's Seal	<i>Smilacina stellatum</i>	Dry-Moist	partial shade to shade	June	white	black berries
Silverrod (RT)	<i>Solidago bicolor</i>	Dry	partial shade	Sept/Oct.	white	savannah woodlands
Zigzag Goldenrod	<i>Solidago flexicaulis</i>	Dry-Moist	partial shade to shade	Aug/Sept	yellow	zig-zag angled stem, hardy
Early Goldenrod	<i>Solidago juncea</i>	Dry	sun to partial shade	Aug/Sept	yellow	forest edges
Gray Goldenrod	<i>Solidago nemoralis</i>	Dry	sun to partial shade	Aug/Sept	yellow	open woods
Rough-leaved Goldenrod	<i>Solidago patula</i>	Moist	sun to partial shade	Sept/Oct.	yellow	swamps, wet meadows
Stout Goldenrod (RT)	<i>Solidago squarrosa</i>	Dry	partial shade	Sept/Oct.	yellow	savannah woodlands
Indian Grass	<i>Sorghastrum nutans</i>	Dry	sun to partial shade	Sept/Oct.	gold/purple	large seed head, prairie/savannah
Skunk Cabbage	<i>Symplocarpus foetidus</i>	Moist-Wet	sun to shade	April/May	yellow	swamps, streams
Early Meadow-rue	<i>Thalictrum dioicum</i>	Moist	partial shade	April/May	green	rocky woods
Foamflower	<i>Tiarella cordifolia</i>	Moist	partial shade to shade	May-June	white	spreads by stolons, groundcover
White Trillium	<i>Trillium grandiflorum</i>	Moist	partial shade to shade	April/May	white	provincial flower
Large-flowered Bellwort	<i>Uvularia grandifolia</i>	Dry-Moist	partial shade to shade	April/May	yellow	woods, thickets



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Common Name	Scientific Name	Favoured Moisture	Favoured Light Regime	Flower Times	Flower Colour	Other Species Attributes
Blue Vervain	<i>Verbena hastata</i>	Moist-Wet	Full sun	August	blue	moist meadows, attracts butterflies
Hoary Vervain	<i>Verbena stricta</i>	Dry-Moist	Full sun	July-Aug	magenta	drought tolerant, attracts butterflies
Sweet White Violet	<i>Viola blanda</i>	Moist	partial shade to shade	April/May	white/yellow	rich woods
Barren Strawberry	<i>Waldsteinia fragaroides</i>	Dry-Moist	partial shade	May	yellow	acidic soil, glossy leaves
Golden Alexanders (RT)	<i>Zizia aurea</i>	Moist	partial shade	June	yellow	flowers in domed umbels



Native Shrubs

Common Name	Scientific Name	Favoured Moisture	Favoured Soil Type	Favoured Light Regime	Maximum Height	Species Attributes
Mountain Maple	<i>Acer spicatum</i>	Dry-Moist-Wet	sand-silt-loam	partial shade to shade	6 m	yellow-green flowers
Downy Serviceberry	<i>Amelanchier arborea</i>	Dry-Moist	sand-silt-clay	sun to partial shade	10 m	white flowers, berries attract birds
Smooth Serviceberry	<i>Amelanchier laevis</i>	Dry-Moist	sand-silt-clay	sun to partial shade	10 m	white flowers, berries attract birds
New Jersey Tea	<i>Ceanothus americanus</i>	Dry	sand-silt	sun to partial shade	1 m	attracts butterflies
Bultonbush (RT)	<i>Cephalanthus occidentalis</i>	Moist-Wet	sand-silt-clay	sun	3m	fragrant flowers attract bees
Alternate-leaved Dogwood	<i>Cornus alternifolia</i>	Dry-Moist	silt-loam	partial shade to shade	6 m	graceful branching pattern
Silky Dogwood	<i>Cornus amomum</i> ssp. <i>obliqua</i>	Wet-Moist	sand-silt-clay	sun	3 m	white flowers & blue berries
Grey Dogwood	<i>Cornus racemosa</i>	Dry-Moist	sand-silt-clay	sun to partial shade	3 m	white flowers & white berries
Round-leaved Dogwood	<i>Cornus rugosa</i>	Dry-Moist	sand-silt-loam	partial shade to shade	3 m	white flowers & pale-blue berries
Red-osier Dogwood	<i>Cornus stolonifera</i>	Moist-Wet	sand-silt-clay	sun	3 m	white flowers & white/bluish berries
Beaked Hazel	<i>Corylus cornuta</i>	Dry-Moist-Wet	sand-silt-loam	sun to shade	4 m	large edible nuts in a beaked husk
Bush Honeysuckle	<i>Dierwilla lonicera</i>	Dry	sand-silt-loam	sun to partial shade	1 m	small yellow flowers, fast growing
Leatherwood	<i>Dicra palustris</i>	Moist	sand-silt-loam	partial shade to shade	2 m	pale yellow flowers, red berries
Witch-hazel	<i>Hamamelis virginiana</i>	Moist	sand-silt-loam	partial shade to shade	6 m	yellow star-shaped flowers in fall
Winterberry	<i>Ilex verticillata</i>	Moist-Wet	peat-muck-silt	sun to partial shade	4 m	attractive red fruit in winter
Spicebush (RT)	<i>Lindera benzoin</i>	Moist-Wet	silt-loam	partial shade to shade	3 m	scented leaves, beautiful fall colour
Fly-honeysuckle*	<i>Lonicera canadensis</i>	Moist-Wet	sand-silt-clay	sun to shade	2 m	pale yellow flowers, red berries
Glaucous Honeysuckle*	<i>Lonicera dioica</i>	Dry-Moist	sand-silt-clay	sun to shade	3 m	orange-red berries
Sweet Gale (RT)	<i>Myrica gale</i>	Moist-Wet	sand-silt-loam	sun	1 m	conelike flower clusters, scented leaves
Ninebark (RT)	<i>Physocarpus opulifolius</i>	Dry-Moist	sand	sun	3 m	showy white flowers
Pin Cherry (RT)	<i>Prunus pennsylvanica</i>	Dry-Moist	sand-silt-loam	sun to partial shade	12 m	cherries attract birds
Chokecherry	<i>Prunus virginiana</i>	Dry-Moist	sand-silt-clay	sun to shade	10 m	cherries attract birds
Fragrant Sumac (RT)	<i>Rhus aromatica</i>	Dry	sand	sun	2 m	scented leaves
Slaghorn Sumac	<i>Rhus typhina</i>	Dry-Moist	sand-silt-clay	sun	6 m	attractive crimson fruit, brilliant fall colour
Smooth Rose	<i>Rosa blanda</i>	Dry-Moist	sand-silt-clay	sun	1 m	attractive pink flowers
Pasture Rose (RT)	<i>Rosa carolina</i>	Dry	sand-silt-loam	sun to partial shade	1 m	rose hips persist into winter
Swamp Rose (RT)	<i>Rosa palustris</i>	Moist-Wet	sand-silt-clay	sun	2 m	attractive pink flowers
Purple-flowering Raspberry	<i>Rubus odoratus</i>	Dry-Moist	silt-loam	sun to shade	2 m	showy purple flowers
Bebb's Willow	<i>Salix bebbiana</i>	Moist-Wet	sand-silt-loam	sun to partial shade	6 m	yellow-green fruit attract birds



Native Trees

Common Name	Scientific Name	Favoured Moisture	Favoured Soil Type	Favoured Light Regime	Maximum Height	Species Attributes
Black Maple	<i>Acer nigrum</i>	Moist	loam, silt-loam	partial shade to full shade	35m	tolerant of urban conditions
Red Maple	<i>Acer rubrum</i>	Moist-Wet	sand, loam	full sun to partial shade	25m	orange to bright red fall colour
Silver Maple	<i>Acer saccharinum</i>	Moist-Wet	sand, loam, clay	full sun to partial shade	35m	fast growing and tolerant
Sugar Maple	<i>Acer saccharum</i>	Dry-Moist	loam, clay	partial shade to full shade	35m	yellow to orange-red fall colour
Speckled Alder *	<i>Alnus rugosa</i>	Moist-Wet	sand, loam, clay	full sun	8m	provides wildlife habitat
Yellow Birch	<i>Betula alleghaniensis</i>	Moist	loam, sandy-loam	full sun to partial shade	25m	attracts wildlife
White Birch *	<i>Betula papyrifera</i>	Dry-Moist-Wet	sand, loam, gravel-loam	full sun	25m	fast growing and attractive bark
Blue Beech	<i>Carpinus caroliniana</i>	Moist	loam, sandy-loam	full shade to partial sun	8m	interesting bark - looks like muscle
Bitternut Hickory	<i>Carya cordiformis</i>	Moist	sand, loam	full sun to partial shade	25m	fast growing
Shagbark Hickory (RT)	<i>Carya ovata</i>	Dry-Moist	loam, clay	full sun to partial shade	25m	interesting bark, attracts squirrels
Hackberry (RT)	<i>Celtis occidentalis</i>	Dry-Wet	loam, clay	full sun to partial shade	15m	fast growing, tolerant
Hawthorn	<i>Crataegus spp.</i>	Moist	loam, clay	full sun to partial shade	12m	provides wildlife habitat
American Beech	<i>Fagus grandifolia</i>	Moist	loam	partial shade to full shade	25m	flowers eaten by birds
White Ash	<i>Fraxinus americana</i>	Moist	sand, loam, clay	full sun to partial shade	30m	purple fall colour
Black Ash	<i>Fraxinus nigra</i>	Wet-Moist	peat, wet sandy till	full sun to partial shade	20m	dark red fall colour
Green Ash	<i>Fraxinus pennsylvanica</i>	Moist-Wet	loam, clay, gravel-loam	full sun to partial shade	25m	yellow fall colour
Butternut	<i>Juglans cinerea</i>	Moist	loams	full sun	25m	seeds provide food for wildlife
Black Walnut	<i>Juglans nigra</i>	Moist	loam, clay	full sun	30m	seeds provide food for wildlife
Red Cedar	<i>Juniperus virginiana</i>	Dry-Moist	sand, loam	full sun	4m	provides food & shelter for wildlife
Tamarack*	<i>Larix laricina</i>	Moist	peat, wet sandy-loam	full sun	25m	interesting shape
Tulip Tree (RT)	<i>Liriodendron tulipifera</i>	Moist	sand, loam	full sun to partial shade	35m	pyramidal shape, interesting leaves
Ironwood	<i>Ostrya virginiana</i>	Dry-Moist	loam, clay	full sun to full shade	12m	interesting bark
White Spruce	<i>Picea glauca</i>	Moist	sand, loam, clay	full sun partial shade	25m	provides wildlife habitat
Red Pine (RT)	<i>Pinus resinosa</i>	Dry-Moist	sand, sandy-loam	full sun	25m	stabilizes soil
White Pine	<i>Pinus strobus</i>	Dry-Moist	sand, loam	full sun to partial shade	30m	provides wildlife habitat
Sycamore (RT)	<i>Platanoides occidentalis</i>	Moist-Wet	sand, loam, clay	full sun to partial shade	30 m	interesting, peeling bark
Eastern Cottonwood*	<i>Populus deltoides</i>	Moist-Wet	sand, loam, clay	full sun to partial shade	30m	fast growing
Largemouth Aspen	<i>Populus grandidentata</i>	Dry-Moist	sand, loam	full sun	20m	fast growing
Trembling Aspen	<i>Populus tremuloides</i>	Moist	sand, loam, clay	full sun	25m	fast growing, tolerant
Pin Cherry	<i>Prunus pennsylvanica</i>	Dry	sand, loam	full sun	12m	seeds provide food for wildlife
Black Cherry	<i>Prunus serotina</i>	Dry-Moist	sand, loam	full sun to partial shade	22m	interesting bark, provides habitat
White Oak	<i>Quercus alba</i>	Dry-Moist	sand, sandy-loam	full sun to partial shade	35m	provides food & shelter for wildlife



Native Trees

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Bur Oak	<i>Quercus macrocarpa</i>	Dry-Wet	loam, clay	full sun to partial shade	15m	provides food & shelter for wildlife
Red Oak	<i>Quercus rubra</i>	Dry-Moist	sand to loamy-clay	full sun to partial shade	25m	fast growing, wildlife value
Black Oak	<i>Quercus velutina</i>	Dry-Moist	sand	full sun to partial shade	20m	seeds provide food for wildlife
White Cedar	<i>Thuja occidentalis</i>	Dry-Wet	sand, loam, clay	full sun to partial shade	15m	provides wildlife habitat
Basswood	<i>Tilia americana</i>	Dry-Wet	sand, loam, clay	full sun to partial shade	35m	fast growing tree
Hemlock	<i>Tsuga canadensis</i>	Moist-Wet	sand, loam	full shade	30m	provides food & shelter for wildlife