

Pollin Gardens Plant Catalogue 2021

Welcome to Pollin Gardens! 2021 marks our first year as a small business. This is a project of love by Brenda, Jessie and Thomas. We are truly passionate about spreading the joy of native plants and getting people to create habitat in their backyards for the creatures with which we share this planet.

Please note that we have organized our plant catalogue alphabetically by scientific name as this is more accurate than common names. However, since many people are more comfortable with common names, at the end of the catalogue we have included a list of all our plants by common name cross referenced with the scientific name.

Costs will vary depending on the size of the plant **but plants are generally around \$5.00.**

Come out and visit us and see our large demonstration garden! We love to share what we are learning and growing.

Please find a list of resources at the end of this catalogue that will help you learn about native plants and insects



Plant name <i>Scientific / Common</i>	Information
GRASSES	
<p><i>Andropogon gerardii</i> Big Blue Stem</p> 	<p>Light: Sun Soil: Sandy, loam, gravel Moisture: Medium to dry, drought tolerant but also likes moisture.</p> <p>Size: Ht 3-6' Wd 1-2' Bloom time: Late summer to fall, warm season grass Bloom description: "Turkey foot" shaped bloom is reddish brown, lovely swaying in the wind.</p> <p>Faunal Associations: Birds, mammals, host for some Skipper butterflies.</p>
<p><i>Bouteloua curtipendula</i> Side Oats Grama</p> 	<p>Light: Sun Soil: Sandy Moisture: Dry</p> <p>Size: Ht 2-3' Wd 1-2' Bloom time: Fall; warm season grass Bloom description: Nice arching growth, blooms have flecks of orange. Pretty lining a pathway.</p> <p>Faunal Associations: Birds, mammals and host plant for a variety of Skipper butterflies.</p>
<p><i>Sorghastrum nutans</i> Indian Grass</p> 	<p>Light: Sun Soil: Sandy, loam Moisture: Medium to dry</p> <p>Size: Ht 3-5' Wd 4' Bloom time: Fall; warm season grass Bloom description: Beautiful blooms with flecks of yellow</p> <p>Faunal Associations: Provides protection for Birds and mammals; hosts for grasshoppers</p>

FLOWERS (FORBES)

Agastache foeniculum

Anise Hyssop



Light: Sun

Soil: Sandy, loam

Moisture: Dry, very drought tolerant

Size: Ht 3-4' Wd 2'

Bloom time: Summer, July- Sept.

Bloom description: Purple spires

Faunal Associations: Great nectar plant for native bees including bumble bees, leaf cutter bees, butterflies and other insects; finches love the seeds.

It will self-seed and spread itself around which lends itself to a naturalized garden. Seedlings are easy to pull.

Agastache nepetoides

Giant Yellow Hyssop



Light: Sun/ part shade

Soil: Sand, gravel, loam

Moisture: Very drought tolerant

Size: Ht 4-5' Wd 2'

Bloom time: Summer, July- Sept.

Bloom description: Pale yellow spires (somewhat non-descript), architectural shape makes it a good plant for the back of the border.

Faunal Associations: Ranked as Ontario's top 20 plants attractive to pollinators. Many species of bees and butterflies use it as a pollen and nectar source.

Anemone canadensis

Canada Anemone



Light: Part shade/ part sun

Soil: Loamy to slightly sandy

Moisture: Medium to dry

Size: Ht 1' Wd Ground Cover- THIS PLANT WILL SPREAD, so be careful where you plant it

Bloom time: Early summer

Bloom description: White flower

Faunal Associations: small bees and flies. Unattractive to deer and rabbits

Argentina anserine

Silver Weed



Light: Sun

Soil: sandy

Moisture: Medium to dry

Size: Ht 3" Low ground cover **THIS PLANT WILL SPREAD-** great for covering a sandy slope for erosion control etc. / hard to mow areas

Bloom time: mid- summer

Bloom description: Foilage is silver on underside and green on top, often looks silver. Small yellow flowers.

Faunal Associations: Numerous bees including bumble bees and cuckoo bees and flies. Offers nectar and pollen rewards.

Asclepias incarnata

Swamp Milk weed



Light: Sun

Soil: Loam but will tolerate sandy soil

Moisture: moist but will tolerate drier conditions and can even be drought tolerant to some degree when mature.

Size: Ht 3-4' Wd 2-3' Does not spread aggressively like common milkweed.

Bloom time: Summer, July- Aug.

Bloom description: Beautiful pink umbrella shaped blooms with a light vanilla scent.

Faunal Associations: Provides pollen and nectar; Bumble bees, metallic green sweat bees, leafcutter bees, other insects and butterflies love the blooms on this plant. Host plant for Monarch butterfly larvae.

Coreopsis lanceolata

Lance Leafed Coreopsis



Light: Sun

Soil: Sandy

Moisture: Dry

Size: Ht 2-3' Wd 2' It will spread by seeds

Bloom time: June- July

Bloom description: Profusion of bright yellow flowers covers the plant.

Faunal Associations: Provides nectar and pollen for many native bees and butterflies.

Echinacea pallida
Pale Purple Coneflower



Light: Sun
Soil: Well drained, sandy
Moisture: Very drought tolerant once established.

Size: Ht 30-60" Wd 1'
Bloom time: Late June into July
Bloom description: Delicate blooms that are ethereal in the landscape. Looks very pretty growing among native grasses.

Faunal Associations: Provides nectar and pollen for a long period of time for short and long tongued bees and many butterflies.

Heliopsis helianthoides
Sweet Oxe eye daisy/ False sunflower



Light: Sun
Soil: sand, loam, clay
Moisture: dry

Size: Ht 24-60" Wd 2-3'
Bloom time: July to September
Bloom description: bright yellow daisy. Pretty planted with *Liatris*, *Verbena stricta*, Hyssop- *Agastache*

Faunal Associations: Provides nectar and pollen for short tongued bees, Green Sweat bees, small carpenter bees and leaf cutter bees. Open flower provides good nectaring for butterflies and pollinating flies.

Liatris cylindracea
Cylindrical Liatris



Light: Sun
Soil: Sandy, poor soils
Moisture: drought tolerant

Size: Ht 2' Wd 1'
Bloom time: Mid to late summer
Bloom description: tufts of purple open up along the stem. Looks lovely with native grasses and upland white goldenrod as pictured.

Faunal Associations: provides nectar and pollen for long tongued bees. It is well liked by many butterflies.

Liastris ligulistylis
Meadow Blazing Star



Light: Sun
Soil: Loam to clay
Moisture: wet (although it grew well in my dry, sandy garden).
Size: Ht 36-60" Wd 1'
Bloom time: August to September
Bloom description: purple flower tufts bloom up the stem from top down.
Faunal Associations: absolutely loved by Monarchs for its nectar. Also visited by other butterflies and bees.
Please note: This plant is NOT native to Ontario (Native to Mid-West North America). However it is greatly loved by Monarchs for nectar so it is beneficial in a pollinator garden.

Liatris spicata
Dense Blazing Star



Light: Sun
Soil: sandy to loam
Moisture: moist to dry, relatively drought tolerant once established
Size: Ht 3-6' Wd 2'
Bloom time: Mid to late summer
Bloom description: Purple blooms open from top to bottom along tall spikes.
Faunal Associations: Nectar enjoyed by bees and butterflies.

Lobelia cardinalis
Cardinal flower



Light: Sun if in a wet area/ part shade if in a drier area
Soil: rich, woodland soil
Moisture: Ideally moist to wet
Size: Ht 2-3' Wd 1-2'
Bloom time: mid to late summer, early fall
Bloom description: bright red tubular blooms.
Faunal Associations: Attracts humming birds and bees, mostly bumble bees.

Monarda fistulosa

Wild Bergamot



Light: Sun

Soil: Loamy to slightly sandy

Moisture: Medium

Size: Ht 3' Wd 2'

Bloom time: summer/ August

Bloom description: Pale pink/ purple flowers loved by

Faunal Associations: Humming birds; bumble bees and other long tongued native bees; butterflies. Good nectar source.

Oenothera biennis

Evening Primrose



Light: sun

Soil: poorer soils

Moisture: dry, drought tolerant

Size: Ht 1-5' Wd 1'

Bloom time: mid-summer

Bloom description: pale yellow flowers open towards evening.

Biennial so allow it to self-seed to have an ongoing population.

Faunal Associations: Pollinated by the Primrose moth who visits this plant exclusively.

Seems to be a 'trap' plant for Japanese beetles. Meaning they will go to it and leave the other plants nearby alone.

So it is a good plant for near your roses etc.

Penstemon digitalis

Foxglove/ Smooth Beardtongue



Light: Sun

Soil: sandy

Moisture: moist to dry

Size: Ht 24-36" Wd 24"

Bloom time: May through July

Bloom description: White tubular flowers.

Faunal Associations: Digger bees and Small Carpenter bees, specialist bee- Mason bee

Penstemon hirsutus

Hairy Beardtongue



Light: Sun

Soil: sandy and poor

Moisture: dry, very drought tolerant

Size: Ht 24" Wd 24"

Bloom time: May to end of June

Bloom description: light blue tubular flowers.

Faunal Associations: enjoyed by Bumble bees who climb inside like they are pulling on a toque!

Potentilla arguta

Tall or Prairie Cinquefoil



Light: Sun

Soil: Sandy loam

Moisture: dry

Size: Ht 12-24" Wd 1'

Bloom time: June to July

Bloom description: small white flowers with a yellow centre. Very dainty. Grows very upright and narrow.

Faunal Associations: Pollen and nectar enjoyed by small bees such as Yellow-Faced bees, *Hylaeus spp.*, and small carpenter bees, *Ceratina spp.*, as well as Syrphid flies.

Ratibida pinnata

Grey headed coneflower



Light: Sun

Soil: Sandy

Moisture: dry, very drought tolerant

Size: Ht 2-3' Wd 2-3'

Bloom time: Midsummer to late summer.

Bloom description: yellow petals radiate and droop from tall brown central cone on tall branches- a nice "see through" garden plant. Provides movement in the garden.

Faunal Associations: Attracts many beneficial insects (parasitic wasp sp., Syrphid flies and Pirate bugs) that help keep problem insect populations under control. Provides nectar and pollen for bees and butterflies.

Solidago caesia
Blue Stemmed Goldenrod



Light: Light shade, forest edge
Soil: sandy to loam
Moisture: drought tolerant once established

Size: Ht 2' Wd 3'
Bloom time: September to October
Bloom description: Blue, grey stems are covered in a profusion of yellow flowers. Grows almost like a shrub. A stunning, non-aggressive goldenrod for the garden.

Faunal Associations: An important late season nectar and pollen source for a variety of short tongued bees and wasps. Host plant for some moth species.

Solidago ptarmicoides/ Oligoneuron album
Upland White Goldenrod



Light: Sun to part sun
Soil: sandy, gravel/ rocky- would be nice in a rock garden
Moisture: dry, very drought tolerant

Size: Ht 1-2' Wd 1-2'
Bloom time: Late July to September
Bloom description: Profusion of small white flowers cover delicate stems with fine leaves.

Faunal Associations: a variety of small bees and wasps

Solidago rigida/ Oligoneuron rigidum
Stiff Goldenrod



Light: Sun to light shade
Soil: Sandy
Moisture: dry, drought tolerant

Size: Ht 3-4' Wd 1-2'
Bloom time: August to late September
Bloom description: Lovely yellow domes and interesting rough, grey green foliage. A beautiful, non-aggressive goldenrod for the garden.

Faunal Associations: excellent source of nectar and pollen late in the season for a diversity of bees and other insects. Some Mining bee spp. feed on goldenrod spp. exclusively.

Symphotrichum novae angliae

New England Aster



Light: Sun

Soil: well drained sand to loam

Moisture: Prefers moister areas but can take a little drought if planted with some shade.

Size: Ht 2' Wd 1-2'

Bloom time: August to October

Bloom description: Lovely purple flowers. Looks wonderful planted with goldenrods.

Faunal Associations: Provides last season nectar and pollen for many butterflies and male bees who take in nectar while waiting for a female for mating. Often seen are Small Carpenter Bees, Bumble Bees, Leafcutter Bees, Green Sweat Bees and Long Horned Bees. Larval host plant for Pearl Crescent butterfly and Canadian Sonia Moth.

Verbena stricta

Hoary Vervain



Light: Sun

Soil: Sandy and poor

Moisture: Very drought tolerant (Do not confuse it with *Verbena hastata*/ Blue Vervain which grows in moist soils)

Size: Ht 2' Wd 2-3'

Bloom time: July to August

Bloom description: Spikes of intense blue/purple last for weeks.

Faunal Associations: A favourite of Skipper butterflies in our garden. Many bees use it for nectar with a few using the pollen to feed their larvae.

Veronicastrum virginicum

Culver's root



Light: Sun

Soil: Sand to loam

Moisture: Prefers it wet but grows very well in our dry sandy garden soil.

Size: Ht 3-4' Wd 3-4'

Bloom time: August to September

Bloom description: Spires of tiny white flowers bloom for weeks, opening from the bottom of the spire to the top in sequence. Whorled leaves adds to its interest in the garden.

Faunal Associations: Culver's root is always full of action! Loved by bees, wasps, butterflies and other insects. This is a flower to sit and watch to enjoy the diversity of visiting insects!

Also available:

Fruit shrubs:

Elderberry shrubs
Red Currant shrubs

Vines:

Clematis virginiana, Virgin's Bower

List of plants by Common names

A

Anise Hyssop, *Agastache foeniculum*

B

Big Blue Stem/ *Andropogon gerardii*
Blue Stemmed Goldenrod/ *Solidago caesia*

C

Canada Anemone/ *Anemone canadensis*
Cardinal flower/ *Lobelia cardinalis*
Coreopsis, Lance Leafed, *Coreopsis lanceolata*
Culver's root/ *Veronicastrum virginicum*

E

Evening Primrose/ *Oenothera biennis* *Solidago caesia*

F

Foxglove beardtongue/ *Penstemon digitalis*

G

Giant Yellow Hyssop, *Agastache nepetoides*
Goldenrods:
 Blue Stemmed goldenrod/ *Solidago caesia*
 Stiff Goldenrod/ *Solidago rigida*
 Upland white goldenrod/ *Solidago ptarmicoides*
Grey headed coneflower/ *Ratibia pinnata*

H

Hairy Beardtongue/ *Penstemon hisutus*
Hoary Vervain/ *Verbena stricta*
Hyssop, Anise, *Agastache foeniculum*
Hyssop, Giant Yellow, *Agastache nepetoides*

I

Indian Grass/ *Sorghastrum nutans*

L

Lance Leafed Coreopsis, *Coreopsis lanceolata*
Liatris
 Cylindrical Liatris/ Liatris cylindrical
 Meadow Blazing Star/ *Liatris ligustylis*
 Dense Blazing Star/ *Liatris spicata*

M

Milkweed, Swamp, *Asclepias incarnate*

N

New England Aster/ *Symphotrichum novae angliae*

P

Pale Purple Coneflower/ *Echinacea pallida*

S

Side Oats Grama/ *Bouteloua curtipendula*

Silverweed/ *Argentina anserina*

Swamp Milkweed, *Asclepias incarnate*

Sweet Oxe eye daisy/ *Heliopsis helianthoides*

Strawberry, wild/ *Fragaria virginiana*

T

Tall Cinquefoil/ *Potentilla arguta*

Resources

Excellent list of native plants and butterfly host plants

https://www.conservationhalton.ca/uploads/halton_butterfly_host_plant_list_and_planting_plan_list.pdf

Books

Bees, an Identification and Native Plant Forage Guide by Heather Holm

Pollinators of Native Plants- Attract, Observe and Identify pollinators and Beneficial Insects with Native Plants by Heather Holm

Attracting Beneficial Bugs to your garden- a natural Approach to pest control by Jessica Walliser

Links

Free download available of *A Flower Patch for the Rusty-Patched Bumblebee: Creating Habitat Gardens for Native Pollinators in the Greater Toronto Area* by Lorraine Johnston and Sheila Colla:

<https://foecanada.org/the-bee-cause/bee-garden-guide/>

These booklets are good at offering native plant alternatives to typical garden plants that are invasive:

<https://www.ontarioinvasiveplants.ca/resources/grow-me-instead/>

A list of native and non-native plants for the Guelph area:

<https://guelph.ca/wp-content/uploads/droughtTolerant-NativePlants.pdf>

Another free download with lots of native bee information:

<https://www.toronto.ca/wp-content/uploads/2017/08/8eb7-Biodiversity-BeesBook-Division-Planning-And-Development.pdf>

Link to an interesting study comparing the benefits of straight native plants species with 'nativars' (cultivars of native species).

<https://scholarworks.uvm.edu/cgi/viewcontent.cgi?article=1625&context=graddis>

North American Native Plant Society www.nanps.org

List of some native plants for the Toronto region:

<https://www.toronto.ca/services-payments/water-environment/live-green-toronto/tips-to-create-a-pollinator-friendly-garden/>

How to avoid falling for marketing hype: <https://www.bee-washing.com>

Forest Gene Conservation Association lists native trees by ecoregion:

<https://fgca.net/species-conservation/native-species-learn/locate-your-ecodistrict/>