

The first in a series of field guides on the flora and fauna of Mississauga's garden park



White Trillium
Trillium aux grandes fleurs
Trillium grandiflorum

Yellow Trout-Lily
Erythron d'Amérique
Erythronium americanum

Bloodroot
Sanguinaire du Canada
Sanguinaria canadensis L.

Common Evening Primrose
Onagre bisannuelle
Oenothera biennis L.

Canada Anemone
Anemone
Anemone canadensis L.

Glandular Touch-Me-Not
Balsamine de L'Himalaya
Impatiens glandulifera

Creeping Bellflower
Campanule fausse raiponce
Campanula rapunculoides

New-England Aster
Astère de la Nouvelle-Angleterre
Symphotrichum novae-angliae

Fragrant Water-Lily
Nymphaea odorante
Nymphaea odorata

USES

- Wildflower identification
- Guide for visitors at Riverwood
- Relevant in other areas along same climatic zones
- Regional botanical archive
- Fieldwork resource
- Art inspiration for painters and photographers
- Reference for:
 - Guided heritage walks
 - Outdoor school education
 - Stewardship programs
 - Environmental studies
 - Naturalization and conservation programs
 - Native wildflower gardens
 - Greening of Mississauga
 - Recreation and ecotourism in the city

SAMPLE PAGE FROM THE GUIDE

Common name in English → *Common Milkweed; Silkworm*

Common name in French → Asclépiade de Syrie; Herbe-à-la-couate

Scientific name → *Asclepias syriaca* L.

Plant family → Family: Dogbane/Apocynaceae

Symbols: attracts butterflies → (Image of butterfly)

Referenced for future readings → Previously in the Milkweed/Asclepiadaceae family which is now included in the Dogbane/Apocynaceae family.^{1,2} The plant's seeds are so fluffy and buoyant that they were used as an alternative stuffing for lifejackets during World War II.^{1,2} This species contains cardiac glycosides, which have been used to treat some heart diseases.^{1,8} These glycosides are important to the protection of the plant from insects. The Monarch butterfly larvae, whose food source is exclusively the foliage of this plant, absorb the glycosides which make both the larvae and adult butterflies toxic to birds and other predators.^{1,8}

Photos of wildflowers in their natural settings → (Image of plant in field)

Close up photo of wildflowers → (Image of pink flowers)

Wildflowers arranged by flower colour → (Arrow pointing to title)

Anecdotes on the folklore of the plants → (Arrow pointing to text)

Location in Riverwood → (Arrow pointing to habitat text)

Flower colour → (Arrow pointing to flower colour text)

Blooming time → (Arrow pointing to blooming time text)

Reference to native/alien → (Arrow pointing to native text)

Images of plants in different seasons → (Arrows pointing to multiple images)



ADDITIONAL FEATURES:

- 150 wildflowers from 50 families
- Index to Native Wildflowers
- A Day in the Spring, Summer and Fall wildflower charts
- Represented Plant Families accompanied by a short description
- Index to Common English & French, and Latin scientific names



Wildflowers of Riverwood showcases the natural beauty of Riverwood and Mississauga, enhances awareness and appreciation about the abundant biodiversity surrounding us.

It is a guide that informs, educates and inspires.