



Native Plant List for Breeding Birds



*Use this list to select plants that will attract and support
breeding birds in your landscape*



Great Horned Owl

Photo: Teddy Llovet



American Robin

Photo: Adam C. Smith

Breeding Birds

There are approximately 100 bird species that breed in the urban regions of the Credit River watershed. Steep declines in many bird species means that there is a need for quality habitat that provides enough food to raise their young and a safe place to nest. Increasing the number of native plants in residential landscapes, industrial parks and urban woodlots can help support nesting urban birds by providing them with food. This plant list can be used for a variety of landscape and garden projects to help breeding birds and their offspring prosper.

Urban areas are often thought of as supporting very little wildlife but a surprising number of birds spend their summers raising their young in and around cities. Common birds such as American robins and song sparrows nest in a variety of urban places such as residential yards, city parks and industrial areas. Less familiar species, such as the wood thrush and the American redstart, might need more forest than small properties can provide, but can still breed in one of the many small forest patches around the city. Birds that breed in these urban areas may face threats such as cats, collisions with buildings and poor food supplies.

Ninety-six per cent of birds feed their young spiders and insects such as caterpillars, flies, bees and midges. Without enough insects, birds will have a difficult time successfully raising offspring. Native insects evolved with native plants over hundreds or thousands of years, often growing to depend on those plants for food, shelter or other resources not provided by non-native plants. In fact, some insects can only feed on the specific plant(s) they evolved with. Non-native plants support very few insect species compared to native ones. For example, serviceberry supports 124 species of caterpillars while lilac only supports 40 species.

For additional plant information including preferred soils, flower colours and more, refer to CVC's landscaping plant lists: Native Woodland Plants (www.creditvalleyca.ca/woodlandplants) for Landscaping and Native Prairie and Meadow Plants for Landscaping (www.creditvalleyca.ca/prairiameadowplants).



Choosing Your Plants

This plant list recommends plants that can help support urban breeding birds by providing food, shelter and nest sites in gardens and landscaped areas. The list has been divided into five categories:

1: Height

In natural woodlands and forests you will notice different heights or layers of plants. Selecting plants from two or more layers of vegetation can increase the number of birds that use the site:

- tall trees (greater than 23 m)
- medium trees (15 to 23 m)
- small trees (10 to 15 m)
- large shrubs (6 to 10 m)
- medium shrubs (4 to 6 m)
- small shrub (2 to 4 m)
- very small shrub (less than 2 m)
- ground cover/vines

2: Name

Within each height category, plant names are sorted alphabetically by common name, with both the common and scientific names given.

3: Rank

Plants within each height category have been ranked to show which plants provide the most benefit to breeding birds (one being the highest rank). Ranking is based on the following characteristics, which contribute to providing food, shelter and nest sites during the breeding season:

- branch density
- number of birds that show a preference for nesting in that plant species
- number of butterfly and moth species supported (during larval and adult stages)
- support for birds, small mammals, bees or other insects
- number of bird foraging guilds the plant can support



Chipping Sparrow

Photo: Dennis Murphy

Restoration Projects and Planting in Regulated Areas

Restoration projects and those requiring a CVC permit must use common species native to the Credit River watershed. Common native plants on this list are those *without* an asterisk. For a complete list of approved plants for CVC planning applications and restoration projects refer to:

www.creditvalleyca.ca/plantselectionguide.



Red Elderberry

Photo: David A. Hofmann



Red-eyed Vireo

Photo: Kelly Colgan Azar

4: Plant Usage and Bird Species Examples

This section shows how a plant is likely to be used (foraging or nesting), and an example of breeding birds that might use it.

To help birds successfully raise their offspring they need a good nesting spot and a place to find food to feed their young. By combining good nest plants with good foraging plants you can support more birds.

When choosing plants:

- Make sure each plant matches your site conditions by referring to CVC's landscaping plant lists, which contain information on sun exposure, soil type and moisture. See page 3.
- For large-scale projects, such as forest restoration, focus on creating a diverse canopy of varying heights in order to support a larger number of birds over the entire length of the breeding season.
- For small scale projects such as backyard landscaping, focus on choosing plants with a higher rank (closer to one) to maximize the benefit your planting has for birds.

5: Foraging Guild

Birds are sometimes grouped into categories or **guilds** based on their eating or **foraging** habits. This section indicates which bird foraging guilds each plant may support. Eleven different foraging guilds are listed:

- Aerial Insectivore – eats insects while flying through the air e.g. swallows
- Bark Insectivore – eats insects on or behind tree bark e.g. woodpeckers
- Upper Canopy Insectivore – eats insects high in the trees e.g. warblers
- Upper Canopy Grainivore – eats seeds high in the trees e.g. jays
- Upper Canopy Frugivore – eats fruit high in the trees e.g. orioles
- Lower Canopy Insectivore – eats insects in the lower part of trees and in shrubs e.g. chickadees
- Lower Canopy Grainivore – eats seeds in the lower part of trees and in shrubs e.g. cardinals
- Lower Canopy Frugivore – eats fruit in the lower part of trees and in shrubs e.g. robins
- Ground Insectivore – eats insects on the ground e.g. blackbirds
- Ground Grainivore – eats seeds on the ground e.g. sparrows
- Ground Frugivore – eats fruit on the ground e.g. finches

Choosing plants that support several guilds will increase the number and diversity of birds supported.



Blue Jay - Upper Canopy Grainivore

Photo: Christine Olson








Cedar Waxwing - Lower Canopy Frugivore

Photo: Minette Layne









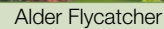
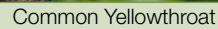
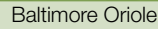
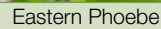
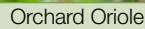
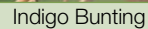
Eastern Kingbird - Aerial Insectivore

Photo: Eugene Beckes

 Red-bellied Woodpecker				 Hairy Woodpecker				 White-breasted Nuthatch				 American Redstart				 Pileated Woodpecker				 Sharp-shinned Hawk				Aerial Insectivore	Bark Insectivore	Upper Canopy Insectivore	Upper Canopy Granivore	Upper Canopy Frugivore	Lower Canopy Insectivore	Lower Canopy Granivore	Lower Canopy Frugivore	Ground Insectivore	Ground Granivore	Ground Frugivore
	Common Name		Scientific Name		Rank			Bird Use: Nesting		Bird Use: Food		Foraging Guild																						
Large Trees	Basswood, American		Tilia americana		10					Red-bellied Woodpecker, White-breasted Nuthatch		■	■	■	■																			
	Beech, American		Fagus grandifolia		7			Wood Duck, Hairy Woodpecker				■	■		■																			
	Cottonwood, Eastern		Populus deltoides spp. deltoides		8					Sharp-shinned Hawk, Great Blue Heron		■	■	■	■																			
	Hackberry, Common*		Celtis occidentalis		9			Ruby-throated Hummingbird, Red-eyed Vireo		White-breasted Nuthatch, Brown Creeper		■	■	■	■																			
	Hemlock, Eastern		Tsuga canadensis		11			Wood Thrush, Rose-breasted Grosbeak					■					■					■											
	Hickory, Bitternut		Carya cordiformis		8					Pileated Woodpecker, Red-tailed Hawk		■	■	■	■																			
	Hickory, Shagbark		Carya ovata		11					Red-bellied Woodpecker, Sharp-shinned Hawk		■	■	■	■																			
	Maple, Black		Acer nigrum		3			American Redstart, Sharp-shinned Hawk		Brown Creeper, Alder Flycatcher		■	■	■	■																			
	Maple, Red		Acer rubrum		4			Downy Woodpecker, Great Crested Flycatcher		Red-breasted Nuthatch, Cedar Waxwing		■	■	■	■																			
	Maple, Silver		Acer saccharinum		6			Black-capped Chickadee, Wood Duck		White-breasted Nuthatch, Hairy Woodpecker		■	■	■	■																			
	Maple, Sugar		Acer saccharum		2			Least Flycatcher, American Kestral		Orchard Oriole, Eastern Phoebe		■	■	■	■																			
	Oak, Black*		Quercus velutina		3			Blue-gray Gnatcatcher, American Crow		Baltimore Oriole, Tree Swallow		■	■	■	■																			

 Cedar Waxwing	 Tree Swallow	 Blue Jay	 Eastern Kingbird	 Pine Warbler	 Common Grackle	 Aerial Insectivore	 Bark Insectivore	 Upper Canopy Insectivore	 Upper Canopy Granivore	 Upper Canopy Frugivore	 Lower Canopy Insectivore	 Lower Canopy Granivore	 Lower Canopy Frugivore	 Ground Insectivore	 Ground Granivore	 Ground Frugivore	
	Common Name	Scientific Name	Rank		Bird Use: Nesting	Bird Use: Food	Foraging Guild										
Large Trees	Oak, Bur	<i>Quercus macrocarpa</i>	6		Cedar Waxwing, Red-bellied Woodpecker	Blue Jay, Eastern Kingbird											
	Oak, Northern Red	<i>Quercus rubra</i>	1		Orchard Oriole, Wood Duck	Rose-breasted Grosbeak, Great Crested Flycatcher											
	Oak, Swamp White*	<i>Quercus bicolor</i>	3		Ruby-throated Hummingbird, Pileated Woodpecker	Pine Warbler, Purple Martin											
	Oak, White	<i>Quercus alba</i>	3		Warbling Vireo, Eastern Wood-pewee	Pileated Woodpecker, White-breasted Nuthatch											
	Pine, Eastern White	<i>Pinus strobus</i>	4		Great Horned Owl, Purple Martin	Red-bellied Woodpecker, Red-breasted Nuthatch											
	Pine, Red*	<i>Pinus resinosa</i>	5		Pine Warbler, Cooper's Hawk	Downy Woodpecker, Least Flycatcher											
Medium Trees	Aspen, Large-tooth	<i>Populus grandidentata</i>	7		Northern Flicker, Purple Martin	Downy Woodpecker, Rose-breasted Grosbeak											
	Aspen, Trembling	<i>Populus tremuloides</i>	4		Tree Swallow, Black-capped Chickadee	Baltimore Oriole, Eastern Kingbird											
	Birch, Paper Other name: White Birch	<i>Betula papyrifera</i>	2		Eastern Wood-pewee, Black-capped Chickadee	Red-bellied Woodpecker, Blue Jay											
	Birch, Yellow	<i>Betula alleghaniensis</i>	1		Red-breasted Nuthatch, Warbling Vireo	White-breasted Nuthatch, Baltimore Oriole											
	Cedar, Eastern Red*	<i>Juniperus virginiana</i>	3		Yellow Warbler, American Redstart	Pileated Woodpecker, Tree Swallow											
	Cedar, Eastern White	<i>Thuja occidentalis</i>	6		Cedar Waxwing, Common Grackle												
	Cherry, Wild Black	<i>Prunus serotina</i>	3			Red-eyed Vireo, Cedar Waxwing											

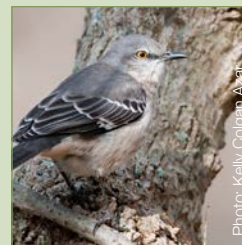
 Photo: Steven Kersling	 Photo: Kelly Colgan Azar	 Photo: Kelly Colgan Azar	 Photo: Kelly Colgan Azar	 Photo: Tom Benson	 Photo: Syd Phillips	Aerial Insectivore	Bark Insectivore	Upper Canopy Insectivore	Upper Canopy Grainivore	Upper Canopy Frugivore	Lower Canopy Insectivore	Lower Canopy Grainivore	Lower Canopy Frugivore	Ground Insectivore	Ground Grainivore	Ground Frugivore
	Common Name	Scientific Name	Rank		Bird Use: Nesting	Bird Use: Food	Foraging Guild									
Medium Trees	Fir, Balsam	<i>Abies balsamea</i>	4			Brown Creeper, Rose-breasted Grosbeak	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Poplar, Balsam	<i>Populus balsamifera</i>	5		Baltimore Oriole, Ruby-throated Hummingbird	Hairy Woodpecker, Orchard Oriole	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Spruce, White	<i>Picea glauca</i>	3		Chipping Sparrow, Brown Creeper	Brown Creeper, Red-breasted Nuthatch	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Tamarack Other name: American Larch	<i>Larix laricina</i>	6			American Crow, Mourning Dove	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Willow, Peach-leaved*	<i>Salix amygdaloides</i>	3		Green Heron, Downy Woodpecker	White-breasted Nuthatch, Willow Flycatcher	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
Small Trees	Blue-beech Other name: Musclewood	<i>Carpinus caroliniana</i>	4		Cooper's Hawk, Eastern Kingbird		<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Cherry, Choke	<i>Prunus virginiana</i>	1			Gray Catbird, Carolina Wren	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Cherry, Pin	<i>Prunus pensylvanica</i>	2			Mourning Warbler, Blue Jay	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Hop-hornbeam, Eastern Other name: Ironwood	<i>Ostrya virginiana</i>	3			Ruby-throated Hummingbird, Red-eyed Vireo	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
	Redbud, Eastern*	<i>Cercis canadensis</i>	3			American Goldfinch, Least Flycatcher	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									



	Common Name	Scientific Name	Rank
Large Shrubs	Alder, Speckled	<i>Alnus incana</i> ssp. <i>rugosa</i> Former scientific name: <i>Alnus rugosa</i>	8
	Dogwood, Alternate-leaved	<i>Cornus alternifolia</i>	7
	Hawthorn, Cockspur	<i>Crataegus crus-galli</i>	4
	Maple, Mountain	<i>Acer spicatum</i>	1
	Nannyberry	<i>Viburnum lentago</i>	3
	Plum, Canada	<i>Prunus nigra</i>	6
	Serviceberry, Downy	<i>Amelanchier arborea</i>	3
	Serviceberry, Smooth Other name: Allegheny Serviceberry	<i>Amelanchier laevis</i>	4
	Willow, Bebb's	<i>Salix bebbiana</i>	2
	Willow, Pussy	<i>Salix discolor</i>	1
	Willow, Shining*	<i>Salix lucida</i>	4
	Willow, Wooly Other name: Heart-leaved Willow	<i>Salix eriocephala</i>	5







Bird Use: Nesting	Bird Use: Food	Foraging Guild										
	American Redstart, Willow Flycatcher							■			■	
Alder Flycatcher, Gray Catbird									■			■
Brown Thrasher, Black-billed Cuckoo							■		■			■
Warbling Vireo, Chestnut-sided Warbler	Ruby-throated Hummingbird, Song Sparrow	■					■	■		■	■	
	American Robin, Eastern Kingbird	■					■		■	■		■
Gray Catbird, Red-eyed Vireo	Black-billed Cuckoo, Eastern Pheobe						■		■	■		■
	Blue Jay, Orchard Oriole	■					■		■			■
	Red-eyed Vireo, Yellow Warbler	■					■		■			■
Black-billed Cuckoo, Baltimore Oriole	Indigo Bunting, Common Yellowthroat	■					■	■		■	■	
Common Grackle, Alder Flycatcher	American Goldfinch, American Redstart	■					■	■		■	■	
Red-winged Blackbird, Yellow Warbler	Tree Swallow, Warbling Vireo	■					■	■		■		
Willow Flycatcher, Common Yellowthroat		■					■	■		■		







 Willow Flycatcher <small>Photo: Kelly Colgan Azar</small>	 Nashville Warbler <small>Photo: Bill Majors</small>	 Northern Cardinal <small>Photo: Kelly Colgan Azar</small>	 Chestnut-sided Warbler <small>Photo: Bill Majors</small>	 Veery <small>Photo: Kelly Colgan Azar</small>	 Black-crowned Night Heron <small>Photo: Bill Majors</small>	Aerial Insectivore	Bark Insectivore	Upper Canopy Insectivore	Upper Canopy Grainivore	Upper Canopy Frugivore	Lower Canopy Insectivore	Lower Canopy Grainivore	Lower Canopy Frugivore	Ground Insectivore	Ground Grainivore	Ground Frugivore			
	Common Name	Scientific Name	Rank		Bird Use: Nesting	Bird Use: Food	Foraging Guild												
Medium Shrubs	Cranberry, Highbush	<i>Viburnum opulus</i> spp. <i>trilobum</i> Former scientific name: <i>Viburnum trilobum</i>	2			Common Yellowthroat, Black-crowned Night Heron	■						■		■	■		■	
	Dogwood, Gray	<i>Cornus racemosa</i>	1		Willow Flycatcher, Northern Cardinal	Brown Thrasher, Carolina Wren	■						■		■	■		■	
	Dogwood, Red-osier	<i>Cornus stolonifera</i> Former scientific name: <i>Cornus sericea</i>	4		Indigo Bunting, Brown Thrasher	Nashville Warbler, Black-billed Cuckoo	■						■		■	■		■	
	Dogwood, Round-leaved	<i>Cornus rugosa</i>	4		Yellow Warbler, Wood Thrush	Northern Flicker, Veery	■						■		■	■		■	
	Dogwood, Silky*	<i>Cornus amomum</i>	6		Northern Cardinal, Gray Catbird	Indigo Bunting, Rose-breasted Grosbeak							■		■	■		■	
	Elderberry, Canada Other name: Common Elderberry	<i>Sambucus canadensis</i>	5		Gray Catbird, Willow Flycatcher	Eastern Phoebe, Chestnut-sided Warbler	■						■		■	■		■	
	Elderberry, Red	<i>Sambucus racemosa</i> Former scientific name: <i>Sambucus pubens</i>	7		Rose-breasted Grosbeak, Indigo Bunting	Red-eyed Vireo, Northern Mockingbird	■						■		■	■		■	
	Hazelnut, Beaked	<i>Corylus cornuta</i>	11		Red-eyed Vireo, Cedar Waxwing									■			■		
	Hobblebush*	<i>Viburnum lantanoides</i>	8			Veery, Northern Mockingbird		■						■		■	■		■
	Ninebark, Eastern*	<i>Physocarpus opulifolius</i> var. <i>opulifolius</i>	7			Northern Mockingbird, Mourning Dove		■					■	■		■	■		
	Saskatoon*	<i>Amelanchier alnifolia</i>	5			American Goldfinch, American Robin		■					■		■	■		■	
	Serviceberry, Round-leaved	<i>Amelanchier sanguinea</i>	10			Eastern Towhee, Black-billed Cuckoo		■								■		■	
	Spicebush*	<i>Lindera benzoin</i>	5		Wood Thrush, American Redstart	American Robin, Northern Cardinal		■					■		■	■		■	



	Common Name	Scientific Name	Rank
Medium Shrubs	Sumac, Fragrant*	<i>Rhus aromatica</i>	3
	Wild-raisin* Other name: Smooth Witherod	<i>Viburnum nudum</i> Former scientific name: <i>Viburnum cassinoides</i>	9
	Winterberry Other name: Black Holly	<i>Ilex verticillata</i>	5
Small Shrubs	Bush-honeysuckle, Northern	<i>Diervilla lonicera</i>	8
	Chokeberry, Black*	<i>Aronia melanocarpa</i>	7
	Current, Wild Black	<i>Ribes americanum</i>	2
	Gooseberry, Prickly	<i>Ribes cynosbati</i>	1
	Juniper, Creeping*	<i>Juniperus horizontalis</i>	7
	Juniper, Ground* Other name: Common Juniper	<i>Juniperus communus</i>	4
	Meadowsweet, White	<i>Spiraea alba</i>	2
	New Jersey Tea*	<i>Ceanothus americanus</i>	3
	Raspberry, Black	<i>Rubus occidentalis</i>	1
	Raspberry, Purple-flowering	<i>Rubus odoratus</i>	2

Bird Use: Nesting	Bird Use: Food	Foraging Guild										
	Northern Mockingbird, American Goldfinch	■					■		■	■		■
	Eastern Towee, Cedar Waxwing								■			■
	Cedar Waxwing, Indigo Bunting	■					■		■	■		■
Gray Catbird, Brown Thrasher		■								■	■	
Northern Cardinal, Veery		■							■	■		■
	Willow Flycatcher, Eastern Towhee	■					■		■	■		■
	Brown Thrasher, Northern Cardinal	■					■		■	■		■
Chipping Sparrow, Brown Thrasher	Common Grackle, Mourning Dove	■								■		■
Common Grackle, Mourning Dove									■			■
Gray Catbird, Swamp Sparrow	Chipping Sparrow, Mourning Warbler	■					■		■	■		■
	Alder Flycatcher, Carolina Wren	■					■		■	■		■
Indigo Bunting, Gray Catbird	White-throated Sparrow, Wood Thrush	■					■		■	■		■
Mourning Warbler, Indigo Bunting	Red-winged Blackbird, Northern Cardinal	■					■		■	■		■

<div><div><p>Photo: Kelly Colgan Azar</p></div><div><p>Photo: Bill Majors</p></div><div><p>Photo: Syd Phillips</p></div><div><p>Photo: Kelly Colgan Azar</p></div><div><p>Photo: Rodney Campbell</p></div><div><p>Photo: Nebirdsplus</p></div></div> <div><div>Aerial Insectivore</div><div>Bark Insectivore</div><div>Upper Canopy Insectivore</div><div>Upper Canopy Grainivore</div><div>Upper Canopy Frugivore</div><div>Lower Canopy Insectivore</div><div>Lower Canopy Grainivore</div><div>Lower Canopy Frugivore</div><div>Ground Insectivore</div><div>Ground Grainivore</div><div>Ground Frugivore</div></div>																			Common Name	Scientific Name	Rank		Bird Use: Nesting	Bird Use: Food	Foraging Guild											Small Shrubs	Raspberry, Wild Red	<i>Rubus idaeus ssp. strigosus</i>	2		Chestnut-sided Warbler, Yellow Warbler	Gray Catbird, Eastern Towhee	■					■		■	■		■	Rose, Carolina*	<i>Rosa carolina spp. carolina</i>	6	Gray Catbird, Savannah Sparrow	Brown Thrasher, House Wren								■			■	Rose, Smooth	<i>Rosa blanda</i>	8	Savannah Sparrow, Chipping Sparrow								■				■	Serviceberry, Low Other name: Running Serviceberry	<i>Amelanchier spicata</i> Former scientific name: <i>Amelanchier stolonifera</i>	4		Nashville Warbler, Willow Flycatcher	■					■			■		■	Snowberry, Common*	<i>Symphoricarpos albus var. albus</i>	5		White-throated Sparrow, Chestnut-sided Warbler	■							■	■		■	Spiraea, Hardhack* Other name: Steeplebush	<i>Spiraea tomentosa</i>	8	Yellow Warbler, Alder Flycatcher	Northern Flicker, Song Sparrow	■							■	■		■	St. John's-wort, Kalm	<i>Hypericum kalmianum*</i>	9		Brown-headed Cowbird, Chipping Sparrow						■				■		Viburnum, Maple-leaf	<i>Viburnum acerifolium</i>	2		White-throated Sparrow, Ruby-throated Hummingbird	■					■			■		■
	Common Name	Scientific Name	Rank		Bird Use: Nesting	Bird Use: Food	Foraging Guild																																																																																																																																																														
Small Shrubs	Raspberry, Wild Red	<i>Rubus idaeus ssp. strigosus</i>	2		Chestnut-sided Warbler, Yellow Warbler	Gray Catbird, Eastern Towhee	■					■		■	■		■																																																																																																																																																				
	Rose, Carolina*	<i>Rosa carolina spp. carolina</i>	6		Gray Catbird, Savannah Sparrow	Brown Thrasher, House Wren								■			■																																																																																																																																																				
	Rose, Smooth	<i>Rosa blanda</i>	8		Savannah Sparrow, Chipping Sparrow								■				■																																																																																																																																																				
	Serviceberry, Low Other name: Running Serviceberry	<i>Amelanchier spicata</i> Former scientific name: <i>Amelanchier stolonifera</i>	4			Nashville Warbler, Willow Flycatcher	■					■			■		■																																																																																																																																																				
	Snowberry, Common*	<i>Symphoricarpos albus var. albus</i>	5			White-throated Sparrow, Chestnut-sided Warbler	■							■	■		■																																																																																																																																																				
	Spiraea, Hardhack* Other name: Steeplebush	<i>Spiraea tomentosa</i>	8		Yellow Warbler, Alder Flycatcher	Northern Flicker, Song Sparrow	■							■	■		■																																																																																																																																																				
	St. John's-wort, Kalm	<i>Hypericum kalmianum*</i>	9			Brown-headed Cowbird, Chipping Sparrow						■				■																																																																																																																																																					
	Viburnum, Maple-leaf	<i>Viburnum acerifolium</i>	2			White-throated Sparrow, Ruby-throated Hummingbird	■					■			■		■																																																																																																																																																				

<div><div><div>Photo: Kelly Colgan Azar</div></div><div>Savannah Sparrow</div></div> <div><div><div>Photo: JanelandPhil</div></div><div>Gray Catbird</div></div> <div><div><div>Photo: Kelly Colgan Azar</div></div><div>Mourning Dove</div></div> <div><div><div>Photo: Kelly Colgan Azar</div></div><div>Wood Thrush</div></div> <div><div><div>Photo: Kelly Colgan Azar</div></div><div>Least Flycatcher</div></div> <div><div><div>Photo: Kelly Colgan Azar</div></div><div>Great Crested Flycatcher</div></div>				Aerial Insectivore	Bark Insectivore	Upper Canopy Insectivore	Upper Canopy Grainivore	Upper Canopy Frugivore	Lower Canopy Insectivore	Lower Canopy Grainivore	Lower Canopy Frugivore	Ground Insectivore	Ground Grainivore	Ground Frugivore
	Common Name	Scientific Name	Rank		Bird Use: Nesting	Bird Use: Food	Foraging Guild							
Ground cover/Vines	Bittersweet, American	<i>Celastrus scandens</i>	3			Ruby-throated Hummingbird, Wood Thrush								
	Creepers, Thicket Other name: Virginia Creeper	<i>Parthenocissus inserta</i>	2			Song Sparrow, Nashville Warbler								
	Creepers, Virginia*	<i>Parthenocissus quinquefolia</i>	2			Red-winged Blackbird, Song Sparrow								
	Dewberry, Northern*	<i>Rubus flagellaris</i>	1		Savannah Sparrow, White-throated Sparrow	Chipping Sparrow, Brown Thrasher								
	Grape, Riverbank	<i>Vitis riparia</i>	1		Northern Cardinal, Gray Catbird	Tree Swallow, Northern Cardinal								
	Partridge-berry*	<i>Mitchella repens</i>	3			Song Sparrow, Swamp Sparrow								
	Strawberry Bush, Running*	<i>Euonymus obovatus</i>	4			Wood Thrush, Least Flycatcher								
	Virgin's-bower* Other name: Virginia Virgin's-bower	<i>Clematis virginiana</i>	5			Mourning Dove, American Robin								
	Wintergreen Other name: Eastern Teaberry	<i>Gaultheria procumbens</i>	3			Great Crested Flycatcher, Ovenbird								

Sources

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- 2014 (last accessed). USDA, NRCS. *The PLANTS Database* (plants.usda.gov). Baton Rouge, LA: National Plant Data Center.

Credit Valley Conservation landscaping information and programs

CVC offers programs and resources that support native plant gardening, landscaping and naturalization.

Your Green Yard offers workshops and presentations on native plant gardening and landscaping to local residents within the Credit River watershed.

www.creditvalleyca.ca/ygy

Greening Corporate Grounds offers advice, landscape concept plans and planting events to businesses and institutions within the Credit River watershed.

www.creditvalleyca.ca/gcg

Countryside Stewardship offers workshops as well as technical and financial assistance to support rural environmental stewardship.

www.creditvalleyca.ca/countrysidestewardship

For additional landscaping fact sheets and resources, visit www.creditvalleyca.ca/landscaping



Yellow Warbler



Black-capped Chickadee

Additional Resources

Birds:

- CVC's Native Plant List for Migrating Birds (www.creditvalleyca.ca/plantsformigratingbirds)
- Cornell Lab of Ornithology bird guide (www.allaboutbirds.org/guide/search)
- Celebrate Urban Birds (celebrateurbanbirds.org/)
- Nest Watch (nestwatch.org/)
- Bird Studies Canada (bsc-eoc.org/)
- FLAP (www.flap.org/)

Gardens:

- How to Create Bird Friendly Gardens (www.creditvalleyca.ca/birdgardens)
- Native Woodland Garden for Homes (www.creditvalleyca.ca/reswoodland)
- Native Woodland and Forest Plantings for Businesses and Institutions (www.creditvalleyca.ca/corpwoodland)
- Native Prairie and Meadow Gardens and Landscapes for Homes, Businesses and Institutions (www.creditvalleyca.ca/prairiemedow)
- Yard Map (<http://content.yardmap.org/>)

Breeding bird checklist

This is a list of birds that have been recorded nesting in urban areas within the Credit River watershed. Use this checklist to keep track of birds you see throughout the breeding season in your backyard, at work or around the city.

Ducks, Geese and Swans

- ☐ Canada Goose
- ☐ Mute Swan
- ☐ Wood Duck
- ☐ Gadwall
- ☐ American Wigeon
- ☐ American Black Duck
- ☐ Mallard
- ☐ Bufflehead
- ☐ Common Merganser

Grebes

- ☐ Horned Grebe
- ☐ Red-necked Grebe

Hérons

- ☐ Great Blue Heron
- ☐ Great Egret
- ☐ Green Heron
- ☐ Black-crowned Night-heron

Vultures

- ☐ Turkey Vulture

Ospreys

- ☐ Osprey

Hawks

- ☐ Sharp-shinned Hawk
- ☐ Cooper's Hawk
- ☐ Red-tailed Hawk

Rails

- ☐ Sora

Plovers

- ☐ Killdeer

Sandpipers

- ☐ Spotted Sandpiper

Gulls and Terns

- ☐ Ring-billed Gull
- ☐ Herring Gull
- ☐ Caspian Tern
- ☐ Common Tern

Pigeons and Doves

- ☐ Rock Pigeon
- ☐ Mourning Dove

Cuckoos

- ☐ Black-billed Cuckoo

Owls

- ☐ Eastern Screech Owl
- ☐ Great Horned Owl

Swifts

- ☐ Chimney Swift

Hummingbirds

- ☐ Ruby-throated Hummingbird

Kingfishers

- ☐ Belted Kingfisher

Woodpeckers

- ☐ Red-bellied Woodpecker
- ☐ Downy Woodpecker
- ☐ Hairy Woodpecker
- ☐ Northern Flicker
- ☐ Pileated Woodpecker

Falcons

- ☐ American Kestrel
- ☐ Peregrine Falcon

Tyrant Flycatchers

- ☐ Eastern Wood-pewee
- ☐ Alder Flycatcher
- ☐ Willow Flycatcher
- ☐ Least Flycatcher
- ☐ Eastern Phoebe
- ☐ Great Crested Flycatcher
- ☐ Eastern Kingbird

Vireos

- ☐ Warbling Vireo
- ☐ Red-eyed Vireo

Jays and Crows

- ☐ Blue Jay
- ☐ American Crow

Martins and Swallows

- ☐ Purple Martin
- ☐ Tree Swallow
- ☐ Northern Rough-winged Swallow
- ☐ Bank Swallow
- ☐ Cliff Swallow
- ☐ Barn Swallow

Chickadees

- ☐ Black-capped Chickadee

Nuthatches

- ☐ Red-breasted Nuthatch
- ☐ White-breasted Nuthatch

Creepers

- ☐ Brown Creeper

Wrens

- ☐ House Wren
- ☐ Carolina Wren

Gnatcatchers

- ☐ Blue-gray Gnatcatcher

Thrushes

- ☐ Veery
- ☐ Wood Thrush
- ☐ American Robin

Mimics (Mockingbirds and Thrashers)

- ☐ Gray Catbird
- ☐ Brown Thrasher
- ☐ Northern Mockingbird

Starlings

- ☐ European Starling*

Waxwings

- ☐ Cedar Waxwing

Wood Warblers

- ☐ Nashville Warbler
- ☐ Mourning Warbler
- ☐ Common Yellowthroat
- ☐ American Redstart
- ☐ Yellow Warbler
- ☐ Chestnut-sided Warbler
- ☐ Pine Warbler

New World Sparrows

- ☐ Eastern Towhee
- ☐ Chipping Sparrow
- ☐ Savannah Sparrow
- ☐ Song Sparrow
- ☐ Swamp Sparrow
- ☐ White-throated Sparrow

Cardinals

- ☐ Northern Cardinal
- ☐ Rose-breasted Grosbeak
- ☐ Indigo Bunting

Blackbirds and Orioles

- ☐ Bobolink
- ☐ Red-winged Blackbird
- ☐ Eastern Meadowlark
- ☐ Common Grackle
- ☐ Brown-headed Cowbird
- ☐ Orchard Oriole
- ☐ Baltimore Oriole

Finches

- ☐ House Finch*
- ☐ American Goldfinch

Old World Sparrows

- ☐ House Sparrow*

* Non-native species



Photo: Putneypics



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