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# **APPENDIX A**

## *Botanical Survey Results*

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## Appendix A Botanical Survey Results

The following table lists the plants known to occur or have been observed along the Terry Fox Drive alignment including within vicinity of the study area (Part A and Part B). Scientific names and common English name of the vascular plant species are identified the table. In addition, the observation year, the southern Ontario Coefficient of Conservation value, the regional status, the Coefficient of wetness, and whether or not it was an introduced species.

Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>Abies balsamea</i>	Balsam Fir	2009	Common	5	-3	
<i>Acer X freemanii</i>	Freeman's Maple	2009	Common			
<i>Acer negundo</i>	Manitoba Maple	2009	Common	0	-2	
<i>Acer rubrum</i>	Red Maple	2009	Common	4	0	
<i>Acer saccharinum</i>	Silver Maple	2009	Common	5	-3	
<i>Acer saccharum ssp. saccharum</i>	Sugar Maple	2009	Common	4	3	
<i>Achillea millefolium ssp. millefolium</i>	Common Yarrow	2009	Common	0	3	I
<i>Actaea sp</i>	Baneberry Species	2009	Common			
<i>Adiantum pedatum</i>	Northern Maidenhair Fern	2009	Uncommon	7	1	
<i>Alnus incana ssp. rugosa</i>	Speckled Alder	2009	Common	6	-5	
<i>Amelanchier arborea</i>	Downy Serviceberry	2009	Common	5	3	
<i>Amphicarpaea bracteata</i>	Hog Peanut	2009	Common	4	0	
<i>Anemone acutiloba</i>	Sharp-lobed Hepatica	2009	Common	6	5	
<i>Anemone canadensis</i>	Canada Anemone	2009	Common	3	-3	
<i>Antennaria neglecta</i>	Field Pussytoes	2009	Common	3	5	
<i>Aquilegia canadensis</i>	Wild Columbine	2009	Common	5	1	
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	2009	Common	4	3	
<i>Arctium minus ssp. minus</i>	Common Burdock	2009	Common	0	5	I
<i>Arisaema triphyllum ssp. triphyllum</i>	Jack-in-the-pulpit	2009	Common	5	-2	
<i>Asarum canadense</i>	Wild Ginger	2009	Common	6	5	
<i>Asclepias syriaca</i>	Common Milkweed	2009	Common	0	5	

Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>Athyrium filix-femina</i> var. <i>angustum</i>	Northern Lady Fern	2009	Common	4	0	
<i>Barbarea vulgaris</i>	Common Wintercress	2009	Common	0	0	I
<i>Betula alleghaniensis</i>	Yellow Birch	2009	Common	6	0	
<i>Betula papyrifera</i>	White Birch	2009	Common	2	2	
<i>Boehmeria cylindrica</i>	False Nettle	2009	Common	4	-5	
<i>Bromus inermis</i> ssp. <i>inermis</i>	Smooth Brome	2009	Common	0	5	I
<i>Calla palustris</i>	Water Arum	2009	Common	8	-5	
<i>Caltha palustris</i>	Marsh Marigold	2009	Common	5	-5	
<i>Cardamine diphylla</i>	Broad-leaved Toothwort	2009	Uncommon	7	5	
<i>Cardamine pensylvanica</i>	Pennsylvania Bitter Cress	2009	Common	6	-4	
<i>Carex arctata</i>	Drooping Wood Sedge	2009	Common	5	5	
<i>Carex bromoides</i>	Bromelike Sedge	2009	Common	7	-4	
<i>Carex canescens</i>	Silvery Sedge	2009	Uncommon	7	-5	
<i>Carex crinita</i>	Fringed Sedge	2009	Common	6	-4	
<i>Carex gracillima</i>	Graceful Sedge	2009	Common	4	3	
<i>Carex granularis</i>	Meadow Sedge	2009	Common	3	-4	
<i>Carex intumescens</i>	Bladder Sedge	2009	Common	6	-4	
<i>Carex lacustris</i>	Lakebank Sedge	2009	Uncommon	5	-5	
<i>Carex leptoneuria</i>	Few-nerved Wood Sedge	2009	Uncommon	5	0	
<i>Carex radiata</i>	Radiate Sedge	2009	Common	4	5	
<i>Carex rosea</i>	Stellate Sedge	2009	Common	5	5	
<i>Carex sprengelii</i>	Long-beaked Sedge	2009	Common	6	0	
<i>Carpinus caroliniana</i>	Blue Beech	2009	Common	6	0	
<i>Carya cordiformis</i>	Bitternut Hickory	2009	Common	6	0	
<i>Caulophyllum thalictroides</i>	Blue Cohosh	2009	Common	6	5	
<i>Cerastium fontanum</i>	Common Mouse-ear Chickweed	2009	Common	0	3	I
<i>Circaea lutetiana</i> ssp. <i>canadensis</i>	Canada Enchanter's Nightshade	2009	Common	3	3	
<i>Cirsium vulgare</i>	Bull Thistle	2009	Common	0	4	I
<i>Claytonia caroliniana</i>	Carolina Spring Beauty	2009	Common	7	3	
<i>Clematis</i> sp	Clematis Species	2009				
<i>Clintonia borealis</i>	Bluebead Lily	2009	Common	7	-1	
<i>Cornus alternifolia</i>	Alternate-leaved Dogwood	2009	Common	6	5	
<i>Cornus foemina</i> ssp.	Grey Dogwood	2009	Uncommon	2	-2	

Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>racemosa</i>						
<i>Cornus stolonifera</i>	Red-osier Dogwood	2009	Common	2	-3	
<i>Corylus cornuta</i>	Beaked Hazelnut	2009	Common	5	5	
<i>Crataegus punctata</i>	Dotted Hawthorn	2009	Uncommon	4	5	
<i>Crataegus sp</i>	Hawthorn Species	2009				
<i>Cynoglossum officinale</i>	Common Hound's-tongue	2009	Common	0	5	I
<i>Cystopteris fragilis</i>	Brittle Fern	2009	Common	7	3	
<i>Daucus carota</i>	Wild Carrot	2009	Common	0	5	I
<i>Dicentra canadensis</i>	Squirrel-corn	2009	Common	7	5	
<i>Dicentra cucullaria</i>	Dutchman's-breeches	2009	Common	6	5	
<i>Diphasiastrum digitatum</i>	Southern Running-pine		Common	5	5	
<i>Dryopteris carthusiana</i>	Spinulose Wood Fern	2009	Common	5	-2	
<i>Dryopteris marginalis</i>	Marginal Wood Fern	2009	Common	5	3	
<i>Equisetum arvense</i>	Field Horsetail	2009	Common	0	0	
<i>Equisetum hyemale ssp. affine</i>	Scouring Rush	2009	Common	2	-2	
<i>Erythronium americanum ssp. americanum</i>	Yellow Trout Lily	2009	Common	5	5	
<i>Eupatorium maculatum ssp. maculatum</i>	Spotted Joe-pye-weed	2009	Common	3	-5	
<i>Eupatorium perfoliatum</i>	Common Boneset	2009	Common	2	-4	
<i>Fagus grandifolia</i>	American Beech	2009	Common	6	3	
<i>Fragaria virginiana ssp. virginiana</i>	Common Strawberry	2009	Common	2	1	
<i>Fraxinus americana</i>	White Ash	2009	Common	4	3	
<i>Fraxinus nigra</i>	Black Ash	2009	Common	7	-4	
<i>Fraxinus pennsylvanica</i>	Red Ash	2009	Common	3	-3	
<i>Galium aparine</i>	Cleavers	2009	Uncommon	4	3	
<i>Galium asprellum</i>	Rough Bedstraw	2009	Uncommon	6	-5	
<i>Galium circaezans</i>	White Wild Licorice	2009	Uncommon	7	4	
<i>Galium palustre</i>	Marsh Bedstraw	2009	Common	5	-5	
<i>Galium triflorum</i>	Fragrant Bedstraw	2009	Common	4	2	
<i>Geranium maculatum</i>	Spotted Crane's-bill	2009	no status	6	3	
<i>Geranium robertianum</i>	Herb Robert	2009	Common	0	5	I
<i>Geum sp</i>	Avens Species	2009				
<i>Gymnocarpium dryopteris</i>	Common Oak Fern	2009	Common	7	0	
<i>Hydrophyllum virginianum</i>	Virginia Water-leaf	2009	Common	6	-2	

Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>Ilex verticillata</i>	Winterberry	2009	Common	5	-4	
<i>Impatiens</i> sp	Touch-me-not Species	2009				
<i>Inula helenium</i>	Elecampane	2009	Common	0	5	I
<i>Iris</i> sp	Iris Species	2009				
<i>Juglans cinerea</i>	Butternut	2009	Common	6	2	
<i>Laportea canadensis</i>	Wood Nettle	2009	Common	6	-3	
<i>Lemna minor</i>	Lesser Duckweed	2009	Common	2	-5	
<i>Lonicera morrowii</i>	Morrow's Honeysuckle	2009	Uncommon	0	5	I
<i>Lonicera tatarica</i>	Tartarian Honeysuckle	2009	Common	0	3	I
<i>Luzula acuminata</i>	Hairy Wood Rush	2009	Regionally Significant	6	1	
<i>Lythrum salicaria</i>	Purple Loosestrife	2009	Common	0	-5	I
<i>Maianthemum canadense</i>	Canada Mayflower	2009	Common	5	0	
<i>Matteuccia struthiopteris</i> var. <i>pensylvanica</i>	Ostrich Fern	2009	Common	5	-3	
<i>Mitella diphylla</i>	Bishop's Cap	2009	Common	5	2	
<i>Mitella nuda</i>	Naked Mitrewort	2009	Common	6	-3	
<i>Oenothera biennis</i>	Common Evening-primrose	2009	Common	0	3	
<i>Onoclea sensibilis</i>	Sensitive Fern	2009	Common	4	-3	
<i>Oryzopsis asperifolia</i>	Rough-leaved Rice Grass	2009	Uncommon	6	5	
<i>Osmorhiza claytonii</i>	Hairy Sweet-cicely	2009	Common	5	4	
<i>Osmunda regalis</i> var. <i>spectabilis</i>	Royal Fern	2009	Common	7	-5	
<i>Ostrya virginiana</i>	Hop Hornbeam	2009	Common	4	4	
<i>Oxalis stricta</i>	Upright Yellow Wood-sorrel	2009	Common	0	3	
<i>Panax quinquefolius</i>	Ginseng**	2009	Regionally significant	9	5	
<i>Panicum capillare</i>	Witch Panic Grass	2009	Common	0	0	
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	2009	Common	6	1	
<i>Pastinaca sativa</i>	Wild Parsnip	2009	Common	0	5	I
<i>Phalaris arundinacea</i>	Reed Canary Grass	2009	Common	0	-4	
<i>Phlox divaricata</i>	Wild Blue Phlox	2009	Uncommon	7	3	
<i>Picea glauca</i>	White Spruce	2009	Common	6	3	
<i>Pinus strobus</i>	Eastern White Pine	2009	Common	4	3	
<i>Poa pratensis</i> ssp. <i>pratensis</i>	Kentucky Blue Grass	2009	Common	0	1	
<i>Polygonatum pubescens</i>	Hairy Solomon's Seal	2009	Common	5	5	

Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>Polypodium virginianum</i>	Rock Polypody	2009	Common	6	5	
<i>Populus balsamifera</i> ssp. <i>balsamifera</i>	Balsam Poplar	2009	Common	4	-3	
<i>Populus grandidentata</i>	Large-tooth Aspen	2009	Common	5	3	
<i>Populus tremuloides</i>	Trembling Aspen	2009	Common	2	0	
<i>Potentilla argentea</i>	Silvery Cinquefoil	2009	Common	0	3	I
<i>Potentilla recta</i>	Rough-fruited Cinquefoil	2009	Common	0	5	I
<i>Prenanthes altissima</i>	Tall White Lettuce	2009	Common	5	3	
<i>Prunus nigra</i>	Canada Plum	2009	Common	4	4	
<i>Prunus pensylvanica</i>	Pin Cherry	2009	Common	3	4	
<i>Prunus serotina</i>	Black Cherry	2009	Common	3	3	
<i>Prunus virginiana</i> ssp. <i>virginiana</i>	Choke Cherry	2009	Common	2	1	
<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	Eastern Bracken Fern	2009	Common	2	3	
<i>Quercus macrocarpa</i>	Bur Oak	2009	Common	5	1	
<i>Quercus rubra</i>	Red Oak	2009	Common	6	3	
<i>Ranunculus abortivus</i>	Kidney-leaf Buttercup	2009	Common	2	-2	
<i>Ranunculus acris</i>	Tall Buttercup	2009	Common	0	-2	I
<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	Swamp Buttercup	2009	Regionally Significant	5	-5	
<i>Rhamnus cathartica</i>	Common Buckthorn	2009	Common	0	3	I
<i>Rhamnus frangula</i>	Glossy Buckthorn		Common	0	-1	I
<i>Rhus radicans</i> ssp. <i>rydbergii</i>	Western Poison-ivy	2009	Common	0	0	
<i>Rhus typhina</i>	Staghorn Sumac	2009	Common	1	5	
<i>Ribes americanum</i>	Wild Black Currant	2009	Common	4	-3	
<i>Ribes cynosbati</i>	Prickly Gooseberry	2009	Common	4	5	
<i>Ribes lacustre</i>	Swamp Black Currant	2009	Uncommon	7	-3	
<i>Robinia pseudo-acacia</i>	Black Locust	2009	Rare	0	4	I
<i>Rubus allegheniensis</i>	Common Blackberry	2009	Common	2	2	
<i>Rubus idaeus</i> ssp. <i>melanolasius</i>	Wild Red Raspberry	2009	Uncommon	0	-2	
<i>Rubus occidentalis</i>	Black Raspberry	2009	Uncommon	2	5	
<i>Rubus odoratus</i>	Purple Flowering Raspberry	2009	Common	3	5	
<i>Rubus pubescens</i>	Dwarf Raspberry	2009	Common	4	-4	
<i>Rumex acetosella</i> ssp. <i>acetosella</i>	Sheep Sorrel	2009	Common	0	0	I
<i>Rumex crispus</i>	Curly Dock	2009	Common	0	-1	I
<i>Salix alba</i>	White Willow	2009	Common	0	-3	I

Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>Salix discolor</i>	Pussy Willow	2009	Common	3	-3	
<i>Salix exigua</i>	Sandbar Willow	2009	Common	3	-5	
<i>Sambucus racemosa</i> <i>ssp. pubens</i>	Red-berried Elderberry	2009	Common	5	2	
<i>Sanguinaria canadensis</i>	Bloodroot	2009	Common	5	4	
<i>Scirpus microcarpus</i>	Small-fruited Bulrush	2009	Uncommon	4	-5	
<i>Scirpus validus</i>	Softstem Bulrush	2009	no status	5	-5	
<i>Sisyrinchium montanum</i>	Common Blue-eyed Grass	2009	Common	4	-1	
<i>Sium suave</i>	Water-parsnip	2009	Common	4	-5	
<i>Solanum dulcamara</i>	Bittersweet Nightshade	2009	Common	0	0	I
<i>Solidago caesia</i>	Blue-stem Goldenrod	2009	Uncommon	5	3	
<i>Sorbus aucuparia</i>	European Mountain-ash	2009	Common	0	5	I
<i>Spiraea alba</i>	Narrow-leaved Meadowsweet	2009	Common	3	-4	
<i>Stellaria longifolia</i>	Long-leaved Chickweed	2009	Regionally Significant	2	-4	
<i>Symphytum officinale</i> <i>ssp. officinale</i>	Common Comfrey	2009	Rare	0	5	I
<i>Syringa vulgaris</i>	Common Lilac	2009	Common	0	5	I
<i>Taraxacum officinale</i>	Common Dandelion	2009	Common	0	3	I
<i>Thalictrum sp</i>	Meadow-rue Species	2009				
<i>Thelypteris palustris var. pubescens</i>	Marsh Fern	2009	Common	5	-4	
<i>Thuja occidentalis</i>	Eastern White Cedar	2009	Common	4	-3	
<i>Tiarella cordifolia</i>	Foamflower	2009	Common	6	1	
<i>Tilia americana</i>	Basswood	2009	Common	4	3	
<i>Trifolium pratense</i>	Red Clover	2009	Common	0	2	I
<i>Trillium grandiflorum</i>	White Trillium	2009	Common	5	5	
<i>Tsuga canadensis</i>	Eastern Hemlock	2009	Common	7	3	
<i>Typha latifolia</i>	Broad-leaved Cattail	2009	Common	3	-5	
<i>Ulmus americana</i>	White Elm	2009	Common	3	-2	
<i>Urtica dioica ssp. gracilis</i>	Slender Stinging Nettle	2009	Common	2	-1	
<i>Verbascum thapsus</i>	Common Mullein	2009	Common	0	5	I
<i>Viburnum lentago</i>	Nannyberry	2009	Common	4	-1	
<i>Vicia cracca</i>	Cow Vetch	2009	Common	0	5	I
<i>Viola canadensis</i>	Canada Violet	2009	Common	6	5	
<i>Viola conspersa</i>	Dog Violet	2009	Common	4	-2	

Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>Viola pubescens</i>	Yellow Violet	2009	Common	5	4	
<i>Viola septentrionalis</i>	Northern Blue Violet	2009		7	3	
<i>Vitis riparia</i>	Riverbank Grape	2009	Common	0	-2	
<i>Waldsteinia fragarioides</i>	Barren Strawberry	2009	Common	5	5	
<i>Alisma plantago-aquatica</i>	Common Water-plantain	2009	pending	3	-5	
<i>Brasenia schreberi</i>	Water-shield	2009	pending	7	-5	
<i>Carex plantaginea</i>	Plantain-leaved Sedge	2009	pending	7	5	
<i>Carex pseudo-cyperus</i>	Cypress-like Sedge	2009	pending	6	-5	
<i>Chrysanthemum leucanthemum</i>	Ox-eye Daisy	2009	pending	0	5	I
<i>Cicuta bulbifera</i>	Bulb-bearing Water-hemlock	2009	pending	5	-5	
<i>Cirsium arvense</i>	Canada Thistle	2009	pending	0	3	I
<i>Digitaria sp</i>	Crabgrass Species	2009	pending			
<i>Dulichium arundinaceum</i>	Three-way Sedge	2009	pending	7	-5	
<i>Elymus hystrix</i>	Bottlebrush Grass	2009	pending	5	5	
<i>Epipactis helleborine</i>	Helleborine	2009	pending	0	5	I
<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	2009	pending	2	-2	
<i>Galium mollugo</i>	Smooth Bedstraw	2009	pending	0	5	I
<i>Hemerocallis fulva</i>	Tawny Day-lily	2009	pending	0	5	I
<i>Impatiens capensis</i>	Spotted Touch-me-not	2009	pending	4	-3	
<i>Iris versicolor</i>	Northern Blue-flag	2009	pending	5	-5	
<i>Lactuca sp</i>	Lettuce Species	2009	pending			
<i>Lysimachia nummularia</i>	Moneywort	2009	pending	0	-4	I
<i>Mimulus ringens</i>	Square-stemmed Monkey-flower	2009	pending	6	-5	
<i>Penstemon digitalis</i>	Foxglove Beard-tongue	2009	pending	6	1	
<i>Phleum pratense</i>	Timothy	2009	pending	0	3	I
<i>Pilea pumila</i>	Common Clearweed	2009	pending	5	-3	
<i>Polypodium virginianum</i>	Rock Polypody	2009	pending	6	5	
<i>Polystichum acrostichoides</i>	Christmas Fern	2009	pending	5	5	
<i>Ranunculus acris</i>	Tall Buttercup	2009	pending	0	-2	I
<i>Sagittaria sp</i>	Arrowhead Species	2009	pending			
<i>Schizachne purpurascens</i> ssp. <i>purpurascens</i>	False Melic	2009	pending	6	2	
<i>Scirpus acutus</i>	Hardstem Bulrush	2009	pending	6	-5	
<i>Scirpus atrovirens</i>	Black Bulrush	2009	pending	3	-5	





Scientific Name	Common Name	Observation Year	Ottawa Regional Status	Coefficient Conservation	Coefficient wetness	Introduced
<i>Sparganium sp</i>	Bur-reed Species	2009	pending			
<i>Verbena hastata</i>	Blue Vervain	2009	pending	4	-4	

\*\* Not in Part A