

# Appendix D

## Plant Species List by Watershed

## Appendix D. 407 EA Plant Species List by Watershed (West Study Area) 2003-2006

Scientific Name	Common Name	Grank <sup>2</sup>	COSEWIC <sup>3</sup>	MNR <sup>4</sup>	Srank <sup>5</sup>	Durham Region <sup>6</sup>	Toronto Region Conservation Rank <sup>6</sup>	Duffin Subwatershed	Harmony Subwatershed	Lynde Subwatershed	Oshawa Subwatershed
<i>Abies balsamea</i>	Balsam Fir	G5			S5	X	L3			X	
<i>Acer negundo</i>	Manitoba Maple	G5			S5	X	L+?	X	X	X	X
<i>Acer platanoides</i>	Norway Maple	G?			SE5	X	L+	X		X	X
<i>Acer rubrum</i>	Red Maple	G5			S5	X	L4	X	X	X	
<i>Acer saccharinum</i>	Silver Maple	G5			S5	X	L4	X	X	X	X
<i>Acer saccharum ssp. nigrum</i>	Black Maple	G5Q			S4?	R	L4			X	X
<i>Acer saccharum ssp. saccharum</i>	Sugar Maple	G5T?			S5	X	L5	X	X	X	X
<i>Acer spicatum</i>	Mountain Maple	G5			S5	X	L4	X			
<i>Acer x freemanii</i>	Freeman's Maple	G?			S5	X	LH			X	
<i>Achillea millefolium ssp. millefolium</i>	Common Yarrow	G5T?			SE?	X	L+	X		X	X
<i>Actaea pachypoda</i>	White Baneberry	G5			S5	X	L4	X		X	X
<i>Actaea rubra</i>	Red Baneberry	G5			S5	X	L5	X			X
<i>Actaea sp</i>	Baneberry Species							X	X	X	X
<i>Adiantum pedatum</i>	Northern Maidenhair-fern	G5			S5	X	L3	X		X	
<i>Aegopodium podagraria</i>	Goutweed	G?			SE5		L+			X	
<i>Aesculus hippocastanum</i>	Horse Chestnut	G?			SE2	X	L+			X	
<i>Agrimonia gryposepala</i>	Tall Hairy Agrimony	G5			S5	X	L5	X		X	
<i>Agrimonia sp</i>	Agrimony Species										X
<i>Alisma plantago-aquatica</i>	Broad-leaved Water-plantain	G5			S5	X	L4			X	
<i>Alliaria petiolata</i>	Garlic Mustard	G?			SE5	X	L+	X		X	X
<i>Allium tricoccum</i>	Wild Leek	G5			S5	X	L3	X	X	X	X
<i>Alnus glutinosa</i>	European Black Alder	G?			SE4		L+			X	
<i>Alnus incana ssp. rugosa</i>	Speckled Alder	G5T5			S5	X	L3			X	
<i>Ambrosia artemisiifolia</i>	Annual Ragweed	G5			S5	X	L5	X		X	
<i>Amelanchier sp</i>	Serviceberry Species									X	
<i>Amphicarpaea bracteata</i>	Hog-peanut	G5			S5	X	L5	X		X	X
<i>Anemone acutiloba</i>	Sharp-lobed Hepatica	G5			S5	X	L3	X		X	
<i>Anemone canadensis</i>	Canada Anemone	G5			S5	X	L5	X		X	X
<i>Anemone cylindrica</i>	Long-fruited Anemone	G5			S4	R	L3			X	
<i>Anemone virginiana var. cylindroidea</i>	Thimbleweed	G5T			SU	X	L5	X		X	X
<i>Anemone virginiana var. virginiana</i>	Virginia Anemone	G5			S5	X	L5	X		X	
<i>Apocynum androsaemifolium ssp. androsaemifolium</i>	Spreading Dogbane	G5T?			S5	X	L4	X		X	X
<i>Apocynum sp</i>	Dogbane Species									X	
<i>Aquilegia canadensis</i>	Wild Columbine	G5			S5	X	L3			X	
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	G5			S5	X	L5	X			X
<i>Aralia racemosa ssp. racemosa</i>	American Spikenard	G5			S5	X	L3	X		X	
<i>Arctium minus ssp. minus</i>	Lesser Burdock	G?T?			SE5	X	L+	X	X	X	X
<i>Arctium sp</i>	Burdock Species							X	X	X	X
<i>Arisaema triphyllum ssp. triphyllum</i>	Jack-in-the-pulpit	G5T5			S5	X	L4	X	X	X	X
<i>Asarum canadense</i>	Wild Ginger	G5			S5	X	L4	X	X	X	X
<i>Asclepias incarnata ssp. incarnata</i>	Swamp Milkweed	G5T5			S5	X	L4	X			X
<i>Asclepias syriaca</i>	Common Milkweed	G5			S5	X	L5	X		X	X
<i>Asparagus officinalis</i>	Asparagus	G5?			SE5	X	L+			X	X
<i>Aster cordifolius</i>	Heart-leaved Aster	G5			S5	X	L5	X		X	X
<i>Aster ericoides ssp. ericoides</i>	Heath Aster	G5T?			S5		L5	X	X	X	X
<i>Aster laevis var. laevis</i>	Smooth Blue Aster	G5T?			S5		L3			X	
<i>Aster lanceolatus ssp. lanceolatus</i>	Panicled Aster	G5T?			S5	X	L5	X	X	X	X
<i>Aster lateriflorus var. lateriflorus</i>	Calico Aster	G5T5			S5		L5	X	X	X	X
<i>Aster lateriflorus var. angustifolius</i>	Calico Aster	G5T?			S4?					X	
<i>Aster macrophyllus</i>	Large-leaved Aster	G5			S5	X	L5	X		X	X
<i>Aster novae-angliae</i>	New England Aster	G5			S5	X	L5	X	X	X	X
<i>Aster puniceus var. puniceus</i>	Purple-stemmed Aster	G5T?			S5		L5	X	X	X	X
<i>Aster sp</i>	Aster Species							X		X	X
<i>Athyrium filix-femina var. angustum</i>	Lady-fern	G5T5			S5	X	L5	X	X	X	X
<i>Barbarea vulgaris</i>	Yellow Rocket	G?			SE5	X	L+			X	
<i>Berberis thunbergii</i>	Japanese Barberry	G?			SE5	X	L+			X	X
<i>Berberis vulgaris</i>	European Barberry	G?			SE5	X	L+				X
<i>Betula alleghaniensis</i>	Yellow Birch	G5			S5	X	L4	X	X	X	X
<i>Betula papyrifera</i>	Paper Birch	G5			S5	X	L4	X		X	X
<i>Bidens cernua</i>	Nodding Beggar's Ticks	G5			S5	X	L5	X		X	X

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<i>Bidens frondosa</i>	Devil's Beggar's Ticks	G5			S5	X	L5	X	X	X	X
<i>Bidens sp</i>	Beggar's Ticks Species									X	X
<i>Bidens tripartita</i>	European Beggar's Ticks	G5			S5	X	L5		X	X	
<i>Boehmeria cylindrica</i>	False Nettle	G5			S5	X	L4			X	
<i>Bromus inermis ssp inermis</i>	Smooth Brome	G4G5T?			SE5	X	L+	X	X	X	X
<i>Bromus sp</i>	Brome Species									X	
<i>Bromus tectorum</i>	Downy Chess	G?			SE5	X	L+	X		X	
<i>Caltha palustris</i>	Marsh Marigold	G5			S5	X	L4	X			
<i>Campanula aparinoides</i>	Marsh Bellflower	G5			S5	R?	L2	X			
<i>Campanula rapunculoides</i>	Creeping Bellflower	G?			SE5	X	L+	X			
<i>Cardamine bulbosa</i>	Bulbous Bitter-cress	G5			S4		L2	X			
<i>Cardamine diphylla</i>	Broad-leaved Toothwort	G5			S5	X	L4	X			
<i>Carex bebbii</i>	Bebb's Sedge	G5			S5	X	L5	X		X	
<i>Carex flava</i>	Yellow Sedge	G5			S5	R	L3	X		X	
<i>Carex granularis</i>	Meadow Sedge	G5			S5	X	L5	X			
<i>Carex hystericina</i>	Porcupine Sedge	G5			S5	X	L4	X		X	
<i>Carex lacustris</i>	Lake-bank Sedge	G5			S5	X	L4	X			
<i>Carex leptalea ssp. leptalea</i>	Bristly-stalk Sedge	G5T?			S5	X	L3	X			
<i>Carex pennsylvanica</i>	Pennsylvania Sedge	G5			S5	X	L4	X		X	X
<i>Carex projecta</i>	Necklace Sedge	G5			S5	X	L4			X	
<i>Carex rosea</i>	Rosy Sedge	G5			S5	X	L5	X			
<i>Carex sp</i>	Sedge Species							X	X	X	X
<i>Carex stipata</i>	Stalk-grain Sedge	G5			S5	X	L5	X			X
<i>Carex vulpinoidea</i>	Fox Sedge	G5			S5	X	L5	X		X	
<i>Carpinus caroliniana ssp. virginiana</i>	Blue Beech	G5T			S5	X	L4	X	X	X	X
<i>Carya cordiformis</i>	Bitternut Hickory	G5			S5	X	L4	X	X	X	
<i>Caulophyllum thalictroides</i>	Blue Cohosh	G5			S5	X	L2	X	X	X	X
<i>Centaurea nigra</i>	Black Knapweed	G?			SE?		L+	X		X	
<i>Cerastium sp</i>	Chickweed Species									X	
<i>Chelidonium majus</i>	Greater Celadine	G?			SE5	X	L+	X			X
<i>Chenopodium album var album</i>	White Goosefoot	G5T5			SE5	X	L+	X		X	
<i>Chrysanthemum leucanthemum</i>	Oxeye Daisy	G?			SE5	X	L+	X		X	X
<i>Cichorium intybus</i>	Chicory	G?			SE5	X	L+	X			
<i>Cicuta bulbifera</i>	Bulb-bearing Water-hemlock	G5			S5	X	L3	X			
<i>Cicuta maculata</i>	Spotted Water-hemlock	G5			S5	X	L5	X		X	X
<i>Circaea lutetiana ssp canadensis</i>	Enchanter's Nightshade	G5T5			S5	X	L5	X	X	X	X
<i>Circaea sp</i>	Nightshade Species									X	
<i>Cirsium arvense</i>	Canada Thistle	G?			SE5	X	L+	X		X	X
<i>Cirsium sp</i>	Thistle Species							X		X	
<i>Cirsium vulgare</i>	Bull Thistle	G5			SE5	X	L+	X		X	X
<i>Clematis virginiana</i>	Virginia Virgin-bower	G5			S5	X	L5	X		X	
<i>Collinsonia canadensis</i>	Canada Horse-balm	G5			S4		L2	X			
<i>Coptis trifolia ssp groenlandica</i>	Goldthread	G5T5			S5	X	L2	X			
<i>Cornus alternifolia</i>	Alternate-leaf Dogwood	G5			S5	X	L5	X	X	X	X
<i>Cornus amomum ssp obliqua</i>	Silky Dogwood	G5T?			S5		L4			X	
<i>Cornus foemina ssp racemosa</i>	Gray Dogwood	G5			S5	X	L4			X	X
<i>Cornus stolonifera</i>	Red-osier Dogwood	G5			S5	X	L5	X	X	X	X
<i>Coronilla varia</i>	Crown-vetch	G?			SE5	X	L+	X			
<i>Corylus cornuta ssp. cornuta</i>	Beaked Hazelnut	G5T			S5	X	L4				X
<i>Crataegus monogyna</i>	English Hawthorn	G5			SE5	X	L+			X	X
<i>Crataegus sp</i>	Hawthorn Species							X	X	X	X
<i>Cuscuta sp</i>	Dodder Species									X	
<i>Cynanchum nigrum</i>	Black Swallow-wort	G?			SE?		L+	X		X	X
<i>Cynanchum rossicum</i>	European Swallow-wort	G?			SE5	X	L+	X		X	X
<i>Cynoglossum officinale</i>	Hound's-tongue	G?			SE5	X	L+	X			
<i>Cypripedium reginae</i>	Showy Lady's-slipper	G4			S4	R	L2			X	
<i>Cystopteris bulbifera</i>	Bulblet Fern	G5			S5	X	L4	X		X	X
<i>Dactylis glomerata</i>	Orchard Grass	G?			SE5	X	L+	X	X	X	
<i>Daucus carota</i>	Queen Anne's Lace	G?			SE5	X	L+	X	X	X	X
<i>Desmodium paniculatum var paniculatum</i>	Panicled Tick-trefoil	G5T?			S4						X

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<i>Desmodium sp</i>	Tick-trefoil Species									X	
<i>Dianthus armeria</i>	Deptford-pink	G?			SE5	X	L+	X			
<i>Diervilla lonicera</i>	Northern Bush-honeysuckle	G5			S5	X	L4			X	
<i>Dipsacus fullonum ssp sylvestris</i>	Common Teasel	G?T?			SE5	X	L+	X			X
<i>Dirca palustris</i>	Eastern Leatherwood	G4			S4?		L3				X
<i>Dryopteris carthusiana</i>	Spinulose Wood Fern	G5			S5	X	L5	X	X	X	X
<i>Dryopteris cristata</i>	Crested Wood Fern	G5			S5	X	L3	X	X	X	X
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	G5			S5	X	L4	X		X	X
<i>Dryopteris marginalis</i>	Marginal Wood Fern	G5			S5	X	L4	X		X	X
<i>Dryopteris sp</i>	Wood Fern Species								X	X	
<i>Echinochloa crusgalli</i>	Barnyard Grass	G?			SE5	X	L+	X			
<i>Echinocystis lobata</i>	Wild Mock-cucumber	G5			S5	X	L5	X	X	X	X
<i>Echium vulgare</i>	Common Viper's-bugloss	G?			SE5	X	L+	X			X
<i>Elaeagnus angustifolia</i>	Russian Olive	G?			SE3	X	L+			X	
<i>Epifagus virginiana</i>	Beechdrops	G5			S5	X	L4		X	X	X
<i>Epilobium ciliatum ssp glandulosum</i>	Northern Willow-herb	G5T?			SU			X	X	X	X
<i>Epilobium hirsutum</i>	Great-hairy Willow-herb	G?			SE5		L4	X		X	
<i>Epilobium palustre</i>	Marsh Willow-herb	G5			S5						X
<i>Epilobium sp</i>	Willow-herb Species									X	X
<i>Epipactis helleborine</i>	Eastern Helleborine	G?			SE5	X	L+	X	X	X	X
<i>Equisetum arvense</i>	Field Horsetail	G5			S5	X	L5	X		X	X
<i>Equisetum hyemale ssp affine</i>	Rough Horsetail	G5T5			S5	X	L5	X		X	
<i>Equisetum palustre</i>	Marsh Horsetail	G5			S5	R	L1	X			
<i>Equisetum pratense</i>	Meadow Horsetail	G5			S5	X	L3			X	X
<i>Equisetum scirpoides</i>	Dwarf Scouring Rush	G5			S5	X	L3	X			
<i>Equisetum sp</i>	Horsetail Species									X	X
<i>Erigeron annuus</i>	White-top Fleabane	G5			S5	X	L5	X		X	X
<i>Eupatorium maculatum ssp maculatum</i>	Spotted Joe-pye Weed	G5T5			S5	X	L5	X		X	X
<i>Eupatorium perfoliatum</i>	Common Boneset	G5			S5	X	L4	X	X	X	X
<i>Eupatorium rugosum</i>	White Snakeroot	G5			S5	X	L5	X		X	X
<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	G5			S5	X	L5	X	X	X	X
<i>Fagus grandifolia</i>	American Beech	G5			S5	X	L4	X	X	X	X
<i>Festuca sp</i>	Fescue Species								X		
<i>Fragaria sp</i>	Strawberry Species							X		X	X
<i>Fragaria vesca ssp americana</i>	Woodland Strawberry	G5T?			S5	X	L5	X		X	X
<i>Fragaria virginiana ssp virginiana</i>	Virginia Strawberry	G5T?			SU	X	L5	X	X	X	X
<i>Fraxinus americana</i>	White Ash	G5			S5	X	L5	X	X	X	X
<i>Fraxinus nigra</i>	Black Ash	G5			S5	X	L4	X		X	X
<i>Fraxinus pennsylvanica</i>	Green Ash	G5			S5	X	L5	X		X	X
<i>Fraxinus sp</i>	Ash Species									X	X
<i>Galium aparine</i>	Cleavers	G5			S5		L4	X		X	
<i>Galium mollugo</i>	White Bedstraw	G?			SE5	X	L+	X	X	X	X
<i>Galium palustre</i>	Marsh Bedstraw	G5			S5	X	L4	X			
<i>Galium sp</i>	Bedstraw Species								X	X	X
<i>Galium triflorum</i>	Sweet-scent Bedstraw	G5			S5	X	L5	X	X	X	X
<i>Geranium maculatum</i>	Wild Geranium	G5			S5	R	L4	X			
<i>Geranium robertianum</i>	Herb-robert	G5			SE5	X	L+?	X	X	X	X
<i>Geum aleppicum</i>	Yellow Avens	G5			S5	X	L5	X		X	
<i>Geum canadense</i>	White Avens	G5			S5	X	L5	X			X
<i>Geum macrophyllum</i>	Large-leaved Avens	G5			S5					X	
<i>Geum rivale</i>	Purple Avens	G5			S5	R'	L2	X			
<i>Geum sp</i>	Avens Species							X	X	X	X
<i>Ginkgo biloba</i>	Maiden-hair Tree									X	
<i>Glechoma hederacea</i>	Ground Ivy	G?			SE5	X	L+	X		X	X
<i>Glyceria grandis</i>	American Manna Grass	G5			S4S5	X	L4	X			
<i>Glyceria striata</i>	Fowl Manna Grass	G5			S5	X	L5	X		X	
<i>Glycine max</i>	Soy Bean	G?			SE2					X	
<i>Grass sp</i>	Grass Species							X		X	X
<i>Gymnocarpium dryopteris</i>	Oak Fern	G5			S5	X	L3	X		X	
<i>Hackelia virginiana</i>	Virginia Stickseed	G5			S5	X'	L5	X		X	X

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<i>Hamamelis virginiana</i>	American Witch-hazel	G5			S5	X	L3	X		X	
<i>Helianthus tuberosus</i>	Jerusalem Artichoke	G5			SE5	X	L5			X	
<i>Hesperis matronalis</i>	Dame's Rocket	G4G5			SE5	X	L+	X		X	X
<i>Hieracium sp</i>	Hawkweed Species							X			X
<i>Humulus lupulus</i>	Common Hop	G5			S?		L+?			X	
<i>Hydrophyllum canadense</i>	Canada Waterleaf	G5			S4	R	L4			X	
<i>Hydrophyllum virginianum</i>	Virginia Waterleaf	G5			S5	X	L5	X	X	X	X
<i>Hypericum perforatum</i>	St. John's-wort	G?			SE5	X	L+	X		X	
<i>Impatiens capensis</i>	Spotted Jewel-weed	G5			S5	X	L5	X	X	X	X
<i>Impatiens glandulifera</i>	Policeman's Helmet	G?			SE4		L+			X	
<i>Impatiens pallida</i>	Pale Jewel-weed	G5			S5	X	L4	X			
<i>Impatiens sp</i>	Jewel-weed Species									X	
<i>Inula helenium</i>	Elecampane	G?			SE5	X	L+	X	X	X	X
<i>Iris pseudacorus</i>	Yellow Iris	G?			SE3		L+			X	
<i>Iris versicolor</i>	Blueflag	G5			S5	X	L3	X			
<i>Juglans cinerea</i>	Butternut	G4	END*	END	S3?	X	L3	X	X	X	
<i>Juglans nigra</i>	Black Walnut	G5			S4		L5	X		X	X
<i>Juncus dudleyi</i>	Dudley's Rush	G5			S5	X	L5	X			
<i>Juncus effusus ssp solutus</i>	Soft Rush	G5T?			S5	X	L4	X		X	X
<i>Juncus sp</i>	Rush Species							X			
<i>Juncus tenuis</i>	Slender Rush	G5			S5	X	L5	X		X	
<i>Juniperus communis</i>	Ground Juniper	G5			S5		L3	X		X	
<i>Juniperus sp</i>	Juniper Species										X
<i>Juniperus virginiana</i>	Eastern Red Cedar	G5			S5	R	L5	X		X	X
<i>Laportea canadensis</i>	Wood Nettle	G5			S5	X	L5	X		X	X
<i>Lappula squarrosa ssp squarrosa</i>	Bristly Stickseed	G?			S5		L+	X			
<i>Lapsana communis</i>	Common Nipplewort	G?			SE5		L+	X			
<i>Larix decidua</i>	European Larch	G?			SE2	X	L+	X		X	
<i>Larix laricina</i>	American Larch	G5			S5	X	L3	X		X	X
<i>Leersia oryzoides</i>	Rice Cutgrass	G5			S5	X	L5	X		X	X
<i>Lemna sp</i>	Duckweed Species							X			
<i>Leonurus cardiaca ssp cardiaca</i>	Common Motherwort	G?T?			SE5	X	L+	X	X	X	X
<i>Lilium michiganense</i>	Michigan Lily	G5			S5		L3	X			
<i>Linaria vulgaris</i>	Butter-and-eggs	G?			SE5	X	L+	X		X	
<i>Lithospermum officinale</i>	European Gromwell	G?			SE5	X	L+			X	X
<i>Lobelia inflata</i>	Indian-tobacco	G5			S5	X	L3			X	
<i>Lobelia siphilitica</i>	Great Blue Lobelia	G5			S5	X	L3	X		X	X
<i>Lonicera sp</i>	Honeysuckle Species										X
<i>Lonicera tatarica</i>	Tartarian Honeysuckle	G?			SE5	X	L+	X		X	X
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	G?			SE5	X	L+	X		X	X
<i>Lycopus americanus</i>	American Bugleweed	G5			S5	X	L4	X		X	X
<i>Lycopus sp</i>	Bugleweed Species							X		X	X
<i>Lycopus uniflorus</i>	Northern Bugleweed	G5			S5	X	L4	X	X	X	X
<i>Lysimachia ciliata</i>	Fringed Loosestrife	G5			S5	X	L5	X		X	X
<i>Lysimachia nummularia</i>	Moneywort	G?			SE5	X	L+	X		X	X
<i>Lythrum salicaria</i>	Purple Loosestrife	G5			SE5	X	L+	X		X	X
<i>Maianthemum canadense</i>	Wild-lily-of-the-valley	G5			S5	X	L4	X	X	X	X
<i>Maianthemum racemosum ssp racemosum</i>	False Solomon's Seal	G5T			S5	X	L5	X	X	X	
<i>Maianthemum stellatum</i>	Starflower False Solomon's Seal	G5			S5	X	L5	X		X	
<i>Malus pumila</i>	Common Apple	G5			SE5	X	L+	X		X	X
<i>Malus sp</i>	Apple Species							X			
<i>Malva neglecta</i>	Cheeses	G?			SE5		L+	X			
<i>Matteuccia struthiopteris var pensylvanica</i>	Ostrich Fern	G5			S5	X	L5	X	X	X	X
<i>Medicago lupulina</i>	Black Medic	G?			SE5	X	L+	X		X	
<i>Medicago sativa ssp sativa</i>	Alfalfa	G?T?			SE5	X	L+			X	
<i>Melilotus alba</i>	White Sweet Clover	G5			SE5	X	L+	X		X	X
<i>Mentha arvensis ssp borealis</i>	Corn Mint	G5			S5	X	L5	X		X	
<i>Mentha sp</i>	Mint Species									X	
<i>Mentha spicata</i>	Spearmint	G?			SE4		L+			X	
<i>Mimulus ringens</i>	Square-stem Monkey-flower	G5			S5	X	L3			X	

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<i>Mitchella repens</i>	Partridge-berry	G5			S5	X	L3			X	X
<i>Mitella nuda</i>	Naked Bishop's-cap	G5			S5	X	L3	X			
<i>Monarda fistulosa</i>	Wild Bergamot	G5			S5	X	L5			X	
<i>Morus alba</i>	White Mulberry	G?			SE5		L+	X			
<i>Myosotis scorpioides</i>	True Forget-me-not	G?			SE4		L+	X			
<i>Nasturtium officinale</i>	True Watercress	G?			SE			X			
<i>Nasturtium sp</i>	Watercress Species							X		X	
<i>Nepeta cataria</i>	Catnip	G?			SE5	X	L+	X			
<i>Oenothera biennis</i>	Common Evening-primrose	G5			S5	X	L5	X		X	X
<i>Onoclea sensibilis</i>	Sensitive Fern	G5			S5	X	L5	X	X	X	X
<i>Osmunda cinnamomea</i>	Cinnamon Fern	G5			S5	X	L2	X		X	
<i>Osmunda regalis var spectabilis</i>	Royal Fern	G5T			S5	X	L2	X			
<i>Ostrya virginiana</i>	Eastern Hop-hornbeam	G5			S5	X	L5	X	X	X	X
<i>Oxalis acetosella ssp montana</i>	Common Wood Sorrel	G5			S5		L3	X		X	
<i>Oxalis sp</i>	Wood Sorrel Species							X		X	X
<i>Oxalis stricta</i>	Upright Yellow Wood Sorrel	G5			S5	X	L+?	X			
<i>Panicum virgatum</i>	Switch Grass	G5			S4		L3			X	
<i>Parthenocissus inserta</i>	Thicket Creeper	G5			S5	X	L5	X	X	X	X
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	G5			S4?		L5	X		X	X
<i>Parthenocissus sp</i>	Virginia Creeper Species							X			X
<i>Pastinaca sativa</i>	Wild Parsnip	G?			SE5		L+	X		X	X
<i>Phalaris arundinacea</i>	Reed Canary Grass	G5			S5	X	L+?	X	X	X	X
<i>Phleum pratense</i>	Timothy	G?			SE5	X	L+	X	X	X	X
<i>Phlox paniculata</i>	Fall Phlox	G5			SE3		L+				X
<i>Phragmites australis</i>	Common Reed	G5			S5	X	L+?	X		X	
<i>Phryma leptostachya</i>	Lopseed	G5			S4S5	X	L5	X			X
<i>Picea abies</i>	Norway Spruce	G?			SE3	X	L+	X		X	X
<i>Picea glauca</i>	White Spruce	G5			S5	X	L3	X		X	X
<i>Picea pungens</i>	Colorado Spruce	G5			SE1		L+			X	X
<i>Picea sp</i>	Spruce Species							X			
<i>Pilea pumila</i>	Canada Clearweed	G5			S5	X	L5			X	X
<i>Pilea sp</i>	Clearweed Species									X	
<i>Pinus nigra</i>	Black Pine	G?			SE2		L+				X
<i>Pinus resinosa</i>	Red Pine	G5			S5	X*	L1	X		X	X
<i>Pinus strobus</i>	Eastern White Pine	G5			S5	X	L4	X		X	X
<i>Pinus sylvestris</i>	Scotch Pine	G?			SE5	X	L+	X	X	X	X
<i>Plantago lanceolata</i>	English Plantain	G5			SE5	X	L+		X	X	
<i>Plantago major</i>	Nipple-seed Plantain	G5			SE5	X	L+	X	X	X	X
<i>Poa pratensis ssp pratensis</i>	Kentucky Bluegrass	G5T			S5	X	L+			X	X
<i>Poa sp</i>	Bluegrass Species							X		X	X
<i>Podophyllum peltatum</i>	May Apple	G5			S5	X	L4	X		X	X
<i>Polygonatum pubescens</i>	Downy Solomon's Seal	G5			S5	X	L3	X		X	
<i>Polygonum cuspidatum</i>	Japanese Knotweed	G?			SE4	X	L+	X			
<i>Polygonum lapathifolium</i>	Dock-leaf Smartweed	G5			S5	X	L5			X	
<i>Polygonum sp</i>	Smartweed Species							X		X	
<i>Polystichum acrostichoides</i>	Christmas Fern	G5			S5	X	L3	X	X	X	X
<i>Populus alba</i>	White Poplar	G5			SE5	X	L+				X
<i>Populus balsamifera ssp balsamifera</i>	Balsam Poplar	G5T?			S5	X	L5	X	X	X	X
<i>Populus deltoides ssp monilifera</i>	Eastern Cottonwood	G5T?			S5	X	L5	X		X	X
<i>Populus grandidentata</i>	Large-tooth Aspen	G5			S5	X	L4	X		X	X
<i>Populus tremuloides</i>	Quaking Aspen	G5			S5	X	L5	X	X	X	X
<i>Potentilla recta</i>	Sulphur Cinquefoil	G?			SE5	X	L+	X		X	X
<i>Potentilla reptans</i>	Creeping Cinquefoil	G?			SE2					X	
<i>Potentilla simplex</i>	Old-field Cinquefoil	G5			S5	X	L3			X	
<i>Potentilla sp</i>	Cinquefoil Species									X	
<i>Prenanthes alba</i>	White Rattlesnake-root	G5			S5		L3			X	X
<i>Prunella vulgaris ssp lanceolata</i>	Self-heal	G5T?			S5	X	L+?	X	X	X	X
<i>Prunus avium</i>	Sweet Cherry	G?			SE4		L+	X			
<i>Prunus pensylvanica</i>	Fire Cherry	G5			S5	X	L4	X		X	
<i>Prunus serotina</i>	Wild Black Cherry	G5			S5	X	L5	X	X	X	X

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<i>Prunus sp</i>	Cherry Species									X	
<i>Prunus virginiana ssp virginiana</i>	Choke Cherry	G5T?			S5	X	L5	X	X	X	X
<i>Pteridium aquilinum var latiusculum</i>	Bracken Fern	G5T			S5	X	L4	X			
<i>Pyrola elliptica</i>	Shinleaf	G5			S5	X	L3			X	
<i>Quercus macrocarpa</i>	Bur Oak	G5			S5		L4			X	
<i>Quercus rubra</i>	Northern Red Oak	G5			S5	X	L4	X		X	
<i>Ranunculus abortivus</i>	Kidney-leaved Buttercup	G5			S5	X	L5	X		X	
<i>Ranunculus acris</i>	Tall Buttercup	G5			SE5	X	L+	X		X	X
<i>Ranunculus hispidus var caricetorum</i>	Swamp Buttercup	G5T5			S5	X	L4	X			
<i>Ranunculus pensylvanicus</i>	Bristly Crowfoot	G5			S5	R	L3			X	X
<i>Ranunculus recurvatus var. recurvatus</i>	Hooked Crowfoot	G5			S5	X	L5	X		X	
<i>Ranunculus sp</i>	Buttercup Species							X			
<i>Rhamnus cathartica</i>	Buckthorn	G?			SE5	X	L+	X	X	X	X
<i>Rhus radicans ssp negundo</i>	Poison Ivy (vine)	G5T			S5	X	L4			X	
<i>Rhus radicans ssp rydbergii</i>	Western Poison Ivy	G5T			S5	X	L5	X		X	X
<i>Rhus typhina</i>	Staghorn Sumac	G5			S5	X	L5	X	X	X	X
<i>Ribes americanum</i>	Wild Black Currant	G5			S5	X	L5	X		X	X
<i>Ribes cynosbati</i>	Prickly Gooseberry	G5			S5	X	L5	X	X	X	X
<i>Ribes rubrum</i>	Northern Red Currant	G4G5			SE5	X	L+	X		X	
<i>Ribes sp</i>	Currant Species										X
<i>Ribes triste</i>	Swamp Red Currant	G5			S5	X	L3		X	X	X
<i>Robinia pseudo-acacia</i>	Black Locust	G5			SE5	X	L+	X		X	X
<i>Rosa multiflora</i>	Rambler Rose	G?			SE4	X	L+	X	X	X	
<i>Rosa palustris</i>	Swamp Rose	G5			S5	R	L1			X	
<i>Rosa rubiginosa</i>	Sweetbrier Rose	G?			SE4		L+	X			
<i>Rosa sp</i>	Rose Species							X		X	X
<i>Rubus allegheniensis</i>	Allegheny Blackberry	G5			S5	X	L5	X	X	X	X
<i>Rubus canadensis</i>	Smooth Blackberry	G5			S4?					X	
<i>Rubus idaeus ssp idaeus</i>	Red Raspberry	G5T5			SE1			X	X	X	X
<i>Rubus idaeus ssp melanolasius</i>	Wild Red Raspberry	G5T			S5	X	L5	X	X	X	X
<i>Rubus occidentalis</i>	Black Raspberry	G5			S5	X	L5	X	X	X	X
<i>Rubus odoratus</i>	Purple-flowering Raspberry	G5			S5	X	L5	X	X	X	X
<i>Rubus pubescens</i>	Dwarf Raspberry	G5			S5	X	L4	X		X	X
<i>Rubus sp</i>	Rubus Species							X			X
<i>Rudbeckia hirta</i>	Black-eyed Susan	G5			S5	X	L4	X		X	X
<i>Rudbeckia triloba</i>	Brown-eyed Susan	G4			SE4		L+	X			
<i>Rumex crispus</i>	Curly Dock	G?			SE5	X	L+	X		X	X
<i>Salix alba</i>	White Willow	G5			SE4	X	L+	X		X	
<i>Salix amygdaloides</i>	Peach-leaved Willow	G5			S5	X	L4		X	X	X
<i>Salix atrocinerea</i>	Willow	G			SE1					X	
<i>Salix bebbiana</i>	Bebb's Willow	G5			S5		L4	X		X	X
<i>Salix discolor</i>	Pussy Willow	G5			S5	X	L4	X		X	X
<i>Salix eriocephala</i>	Heart-leaved Willow	G5			S5	X	L5	X	X	X	X
<i>Salix exigua</i>	Sandbar Willow	G5			S5	X	L5	X		X	
<i>Salix fragilis</i>	Crack Willow	G?			SE5		L+	X	X	X	X
<i>Salix humilis</i>	Tall Prairie Willow	G5			S5		L2			X	
<i>Salix nigra</i>	Black Willow	G5			S4?		L3		X	X	X
<i>Salix petiolaris</i>	Meadow Willow	G5			S5	X	L3	X	X		
<i>Salix sp</i>	Willow Species							X	X	X	X
<i>Salix X pendulina</i>	Hybrid Willow	HYB			SE1					X	
<i>Salix x rubens</i>	Reddish Willow	HYB			SE4	X	L+	X			X
<i>Salix X sepulcralis</i>	Hybrid Willow	HYB			SE2		L+	X		X	X
<i>Sambucus canadensis</i>	Common Elderberry	G5			S5	X	L5	X	X	X	X
<i>Sambucus racemosa ssp pubens</i>	Red-berried Elder	G5T4T5			S5	X	L5	X	X	X	X
<i>Sambucus sp</i>	Elderberry Species									X	
<i>Sanguinaria canadensis</i>	Bloodroot	G5			S5	X	L5	X	X	X	X
<i>Saponaria officinalis</i>	Bouncing-bet	G?			SE5	X	L+			X	X
<i>Schizachyrium scoparium</i>	Little Bluestem	G5			S4		L2			X	
<i>Scirpus atrovirens</i>	Woolgrass Bulrush	G5?			S5	X	L5	X		X	X
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	G5			S5	X	L3			X	X

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<i>Scirpus microcarpus</i>	Small-fruit Bulrush	G5			S5	X	L4	X			
<i>Scirpus sp</i>	Bulrush Species								X	X	X
<i>Scirpus validus</i>	Soft-stemmed Bulrush	G?			S5	X	L4	X		X	
<i>Silene vulgaris</i>	Maiden's Tears	G?			SE5	X	L+	X			
<i>Smilax herbacea</i>	Smooth Herbaceous Greenbrier	G5			S4	X	L5	X		X	
<i>Solanum dulcamara</i>	Climbing Nightshade	G?			SE5	X	L+	X	X	X	X
<i>Solidago altissima var altissima</i>	Tall Goldenrod	G?			S5	X	L5	X	X	X	X
<i>Solidago caesia</i>	Bluestem Goldenrod	G5			S5	X	L5			X	X
<i>Solidago canadensis</i>	Canada Goldenrod	G5			S5	X	L5	X	X	X	X
<i>Solidago flexicaulis</i>	Broad-leaved Goldenrod	G5			S5	X	L5	X	X	X	X
<i>Solidago gigantea</i>	Smooth Goldenrod	G5			S5	X	L5		X	X	
<i>Solidago juncea</i>	Early Goldenrod	G5			S5	X	L4	X		X	X
<i>Solidago nemoralis ssp nemoralis</i>	Field Goldenrod	G5T?			S5		L5	X		X	X
<i>Solidago patula</i>	Rough-leaved Goldenrod	G5			S5		L3	X		X	
<i>Solidago rugosa ssp rugosa</i>	Rough Goldenrod	G5T?			S5	X	L5	X		X	
<i>Solidago sp</i>	Goldenrod Species								X	X	X
<i>Sonchus arvensis ssp arvensis</i>	Field Sowthistle	G?T?			SE5	X	L+			X	
<i>Sorbus americana</i>	American Mountain-ash	G5			S5	R	LX			X	
<i>Sorbus aucuparia</i>	European Mountain-ash	G5			SE4	X	L+	X		X	X
<i>Spiraea alba</i>	Narrow-leaved Meadow-sweet	G5			S5	X	L3			X	
<i>Spiranthes cernua</i>	Nodding Ladies'-tresses	G5			S5	R	L3			X	
<i>Stellaria graminea</i>	Little Starwort	G?			SE5		L+	X			
<i>Stellaria sp</i>	Chickweed Species									X	
<i>Streptopus roseus</i>	Rosy Twisted-stalk	G5			S5	X	L3			X	X
<i>Syringa vulgaris</i>	Common Lilac	G?			SE5		L+	X		X	X
<i>Taraxacum officinale</i>	Common Dandelion	G5			SE5	X	L+	X		X	X
<i>Taraxacum sp</i>	Dandelion Species									X	
<i>Taxus canadensis</i>	Canadian Yew	G5			S5	X	L3	X			
<i>Thalictrum dioicum</i>	Early Meadowrue	G5			S5	X	L5	X		X	X
<i>Thalictrum pubescens</i>	Tall Meadowrue	G5			S5	X	L5	X		X	X
<i>Thelypteris palustris var pubescens</i>	Marsh Fern	G5T?			S5	X	L4	X		X	X
<i>Thuja occidentalis</i>	Northern White Cedar	G5			S5	X	L4	X		X	X
<i>Thymus praecox ssp. arcticus</i>	Mother-of-Thyme	G?T?			SE3		L+			X	
<i>Tiarella cordifolia</i>	Heart-leaved Foam-flower	G5			S5	X	L4	X		X	X
<i>Tilia americana</i>	American Basswood	G5			S5	X	L5	X	X	X	X
<i>Tragopogon pratensis ssp pratensis</i>	Meadow Goat's-beard	G?T?			SE5	X	L+	X			
<i>Trientalis borealis ssp borealis</i>	Northern Starflower	G5T?			S5	X	L3			X	
<i>Trifolium hybridum ssp elegans</i>	Alsike Clover	G?			SE5	X	L+			X	
<i>Trifolium pratense</i>	Red Clover	G?			SE5	X	L+	X		X	X
<i>Trifolium repens</i>	White Clover	G?			SE5	X	L+	X	X	X	X
<i>Trifolium sp</i>	Clover Species									X	
<i>Trillium erectum</i>	Red Trillium	G5			S5	X	L3	X		X	
<i>Trillium grandiflorum</i>	White Trillium	G5			S5	X	L3	X	X		
<i>Trillium sp</i>	Trillium Species							X		X	X
<i>Triosteum aurantiacum</i>	Horse Gentian	G5			S5	R	L2			X	
<i>Tsuga canadensis</i>	Eastern Hemlock	G5			S5	X	L4	X		X	X
<i>Tussilago farfara</i>	Colt's Foot	G?			SE5	X	L+	X	X	X	X
<i>Typha angustifolia</i>	Narrow-leaved Cattail	G5			S5	X	L+	X		X	X
<i>Typha latifolia</i>	Broad-leaf Cattail	G5			S5	X	L4	X	X	X	X
<i>Typha sp</i>	Cattail Species										X
<i>Ulmus americana</i>	American Elm	G5?			S5	X	L5	X	X	X	X
<i>Ulmus rubra</i>	Slippery Elm	G5			S5		L2	X		X	
<i>Ulmus thomasii</i>	Rock Elm	G5			S4?		L3				X
<i>Urtica dioica ssp dioica</i>	Stinging Nettle	G5T?			SE2		L+	X		X	X
<i>Uvularia grandiflora</i>	Large-flowered Bellwort	G5			S5	X	L3	X	X		
<i>Uvularia sp</i>	Bellwort Species							X			
<i>Verbascum thapsus</i>	Common Mullein	G?			SE5	X	L+	X		X	X
<i>Verbena hastata</i>	Blue Vervain	G5			S5	X	L5			X	X
<i>Verbena urticifolia</i>	White Vervain	G5			S5	X	L5	X		X	X
<i>Veronica officinalis</i>	Common Speedwell	G5			SE5	X	L+	X		X	

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<i>Viburnum lentago</i>	Nannyberry	G5			S5	X	L5	X		X	X
<i>Viburnum opulus</i>	Guelder-rose Viburnum	G5			SE4	X	L+		X		X
<i>Viburnum trilobum</i>	Highbush Cranberry	G5T5			S5	X	L2	X	X	X	X
<i>Vicia cracca</i>	Tufted Vetch	G?			SE5	X	L+	X		X	X
<i>Vicia sp</i>	Vetch Species									X	
<i>Viola sp</i>	Violet Species							X	X	X	X
<i>Vitis riparia</i>	Riverbank Grape	G5			S5	X	L5	X	X	X	X

### Legend

#### 2G-Rank (global)

Global ranks are assigned by a consensus of the network of Conservation Data Centres (CDCs), scientific experts, and the Nature Conservancy to designate a rarity rank based on the range-wide status of a species, subspecies, or variety

- G1 Extremely rare—usually 5 or fewer occurrences in the overall range or very few remaining individuals; or because of some factor(s) making it especially vulnerable to extinction  
 G2 Very rare—usually between 5 and 20 occurrences in the overall range or with many individuals in fewer occurrences; or because of some factor(s) making it vulnerable to extinction  
 G3 Rare to uncommon—usually between 20 and 100 occurrences; may have fewer occurrences, but with a large number of individuals in some populations; may be susceptible to large-scale disturbances  
 G4 Common—usually more than 100 occurrences; usually not susceptible to immediate threats  
 G5 Very common—demonstrably secure under present conditions.

#### 3S-Ranks (provincial)

Provincial (or Subnational) ranks are used by the Natural Heritage Information Centre (NHIC) to set protection priorities for rare species and natural communities. These ranks are not legal designations. Provincial ranks are assigned in a manner similar to that described for global ranks, but consider only those factors within the political boundaries of Ontario.

- S1 Critically Imperiled—Critically imperiled in the nation or state/province because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province  
 S2 Imperiled—Imperiled in the nation or state/province because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province  
 S3 Vulnerable—Vulnerable in the nation or state/province due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation  
 S4 Apparently Secure—Uncommon but not rare; some cause for long-term concern due to declines or other factors.  
 S5 Secure—Common, widespread, and abundant in the nation or state/province.  
 S#S# Range Rank—A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species or community. Ranges cannot skip more than one rank (e.g., SU is used rather than S1S4).  
 SX Apparently extirpated from Ontario, with little likelihood of rediscovery. Typically not seen in the province for many decades, despite searches at known historic sites  
 SE Exotic; not believed to be a native component of Ontario's flora.

#### 4COSEWIC (Committee on the Status of Endangered Wildlife in Canada) (federal status from COSEWIC September 2007)

- EXT Extinct—A species that no longer exists.  
 EXP Extirpated—A species no longer existing in the wild in Canada, but occurring elsewhere in the wild  
 END Endangered—A species facing imminent extirpation or extinction throughout its range  
 THR Threatened—A species likely to become endangered if nothing is done to reverse the factors leading to its extirpation or extinction  
 SC Special Concern—A species of special concern because of characteristics that make it particularly sensitive to human activities or natural events, but does not include an extirpated, endangered or threatened species  
 IND Indeterminate—A species for which there is insufficient information to support a status designation  
 NAR Not At Risk—A species that has been evaluated and found to be not at risk.

#### 5OMNR (Ontario Ministry of Natural Resources) (provincial status from MNR June 2006)

The provincial review process is implemented by the MNR's Committee on the Status of Species at Risk in Ontario (COSSARO)

- EXT Extinct—A species that no longer exists anywhere.  
 EXP Extirpated—A species that no longer exists in the wild in Ontario but still occurs elsewhere.  
 END-R Endangered (Regulated)—A species facing imminent extinction or extirpation in Ontario which has been regulated under Ontario's Endangered Species Act (ESA).  
 END Endangered (Not Regulated)—A species facing imminent extinction or extirpation in Ontario which is a candidate for regulation under Ontario's ESA.

- THR Threatened—A species that is at risk of becoming endangered in Ontario if limiting factors are not reversed.  
 SC Special Concern (formerly Vulnerable)—A species with characteristics that make it sensitive to human activities or natural events.  
 NAR Not at Risk—A species that has been evaluated and found to be not at risk.  
 DD Data Deficient (formerly Indeterminate)—A species for which there is insufficient information for a provincial :

#### 6 Regional Status –

from The Vascular Plant Flora of the Greater Toronto Area (Varga et. al. 1999).

Plant rarity is based on the number of locations for a native plant species and also takes into account native species restricted to specialized rare habitats. For the Greater Toronto Area column, "A species is considered rare in the Greater Toronto Area if it is rare or uncommon in a least four of... Halton, Peel, Toronto, York, and Durham".

Codes are defined as follows:

- |   |                                 |
|---|---------------------------------|
| X - Present                                       | #NAME?                          |
| U - uncommon native species                       | X+ - introduced in municipality |
| R - rare native species                           | SR - sight record               |
| R# - number of stations for a rare native species | LR - literature record          |
| E - extirpated native species                     |                                 |

Varga, S., et al. 1999. The Vascular Plant Flora of the Greater Toronto Area (Rough Draft). Ontario Ministry of Natural Resources, Aurora, ON. 82 pp.

#### OR

from Toronto and Region Conservation (TRCA 2003)

L rank (Local Rank) - A rank assigned by TRCA to a species, vegetation community, or habitat patch which describes its rank and level of conservation concern in the TRCA Region. Species of concern, according to the TRCA methodology are any species with a local rank of L1 to L3, and some particularly sensitive species with a rank of L4

They are generally species which are disappearing in the landscape, primarily as a result of land use changes. For flora the ranks are defined as follows (TRCA 2007).

L1 - of concern regionally; almost certainly rare in TRCA jurisdiction; generally occur in high-quality natural areas, in natural matrix; unable to withstand disturbance

L2 - of concern regionally; probably rare in TRCA jurisdiction; generally occur in high-quality natural areas, in natural matrix; unable to withstand disturbance

L3 - of concern regionally; generally secure in natural matrix; able to withstand minor disturbance.

L4 - of concern in urban matrix; generally secure in rural matrix; able to withstand some disturbance

L5 - not of concern; generally secure throughout jurisdiction, including urban matrix; able to withstand high levels of disturbance

LX Extirpated from the TRCA region with remote chance of rediscovery. Presumably highly sensitive. Not scored

LH Hybrid between two native species. Usually not scored unless highly stable and behaves like a species.

L+ Exotic. Not native to TRCA jurisdiction. Includes hybrids between a native species and an exotic. Not scored

L+? Origin uncertain or disputed, i.e. may or may not be native. Not scored.

Toronto and Region Conservation Authority. 2004. Table entitled TRCA Flora Scores & Ranks (11 April 2003). Unpublished document provided by TRCA and Toronto and Region Conservation. 2007. Toronto and Region Natural Heritage System Strategy – Final Draft January 2007

# Appendix D. 407 EA Plant Species List by Watershed (East Study Area) 2003-2006

Family / Species	Common Name	COSEWIC <sup>1</sup>	Srank <sup>2</sup>	Durham <sup>3</sup>	GTA <sup>3</sup>	Status	Watersheds							
							Harmony Creek	Farewell Creek	Black Creek	Tooley Creek	Darlington Creek	Bowmanville Creek	Soper Creek	Wilmot Creek
<b>PTERIDOPHYTA</b>	<b>FERNS AND ALLIES</b>													
<b>PTERIDACEAE</b>	<b>MAIDENHAIR FERN FAMILY</b>													
<i>Adiantum pedatum</i> L.	Northern Maidenhair Fern			U						X		X	X	
<b>ASPLENIACEAE</b>	<b>SPLEENWORT FAMILY</b>													
<b>DRYOPTERIDACEAE</b>	<b>WOOD FERN FAMILY</b>													
<i>Athyrium filix-femina</i> (L.) Roth	Northeastern Lady Fern							X	X	X	X	X	X	
<i>Athyrium thelypteroides</i> (Michx.) Desv.	Silvery Glade Fern			U	U				X	X	X	X	X	
<i>Cystopteris bulbifera</i> (L.) Bern.	Bulblet Fern							X	X	X	X	X	X	
<i>Cystopteris tenuis</i> (Michx.) Desv.	Mackay's Fragile Fern			U	U				X	X	X	X	X	
<i>Dryopteris carthusiana</i> (Vill.) H.P. Fuchs	Spinulose Wood Fern							X	X	X	X	X	X	X
<i>Dryopteris clintoniana</i> (D.C. Eat.) Dowell	Clinton's Wood Fern			U	U			X	X	X	X	X	X	
<i>Dryopteris cristata</i> (L.) Gray	Crested Wood Fern							X	X	X	X	X	X	
<i>Dryopteris intermedia</i> (Willd.)	Glandular Wood Fern							X	X	X	X	X	X	X
<i>Dryopteris marginalis</i> (L.) Gray	Marginal Wood Fern							X	X	X	X	X	X	
<i>Gymnocarpium dryopteris</i> (L.) Newm.	Oak Fern							X	X	X	X	X	X	
<i>Matteuccia struthiopteris</i> (L.) Todaro	American Ostrich Fern							X	X	X	X	X	X	
<i>Onoclea sensibilis</i> L.	Sensitive Fern							X	X	X	X	X	X	
<i>Polystichum acrostichoides</i> (Michx.) Schoff	Christmas Fern							X	X	X	X	X	X	
<b>DENNSTAEDTIACEAE</b>	<b>BRACKEN FAMILY</b>													
<i>Pteridium aquilinum</i> (L.) Kuhn	Eastern Bracken								X	X	X	X	X	X
<b>EQUISETACEAE</b>	<b>HORSETAIL FAMILY</b>													
<i>Equisetum arvense</i> L.	Field Horsetail							X	X	X	X	X	X	
<i>Equisetum fluviatile</i> L.	Water Horsetail													
<i>Equisetum hyemale</i> L.	Scouring-rush							X	X	X	X	X	X	
<i>Equisetum scirpoides</i> Michx.	Dwarf Scouring-rush			U	U			X	X	X	X	X	X	X
<i>Equisetum variegatum</i> Schleich.	Variegated Scouring-rush				U			X	X	X	X	X	X	
<b>OPHIOGLOSSACEAE</b>	<b>ADDER'S-TONGUE FAMILY</b>													
<i>Botrychium virginianum</i> (L.) Sw.	Rattlesnake Fern								X	X	X	X	X	
<b>OSMUNDACEAE</b>	<b>ROYAL FERN FAMILY</b>													
<i>Osmunda cinnamomea</i> L.	Cinnamon Fern							X	X	X	X	X	X	
<i>Osmunda claytoniana</i> L.	Interrupted Fern			U	R				X	X	X	X	X	
<i>Osmunda regalis</i> L.	American Royal Fern			U	U			X	X	X	X	X	X	
<b>THELYPTERIDACEAE</b>	<b>BEECH FERN FAMILY</b>													
<i>Phegopteris connectilis</i> (Michx.) Watt	Long Beech Fern			R <sup>6</sup>	R			X	X	X	X	X	X	
<i>Thelypteris palustris</i> (Salisb.) Schott	Marsh Fern							X	X	X	X	X	X	
<b>GYMNOSPERMAE</b>	<b>CONIFERS</b>													
<b>CUPRESSACEAE</b>	<b>CYPRESS FAMILY</b>													
<i>Juniperus communis</i> L.	Common Juniper			U	R				X	X	X	X	X	
<i>Juniperus virginiana</i> L.	Red Cedar				U				X	X	X	X	X	
<i>Thuja occidentalis</i> L.	White Cedar						X	X	X	X	X	X	X	
<b>PINACEAE</b>	<b>PINE FAMILY</b>													
<i>Abies balsamea</i> (L.) Mill.	Balsam Fir								X	X	X	X	X	
<i>Larix laricina</i> (Du Roi) Koch	Tamarack							X	X	X	X	X	X	
<i>Picea abies</i> (L.) Karst.	Norway Spruce								P	P	P	P	P	
<i>Picea glauca</i> (Moench) Voss	White Spruce								X	X	X	X	X	
<i>Picea mariana</i> (Mill.) BSP.	Black Spruce			U	R			X	X	X	X	X	X	
<i>Pinus banksiana</i> Lam.	Jack Pine												P	P
<i>Pinus resinosa</i> Ait.	Red Pine				R								P	P
<i>Pinus strobus</i> L.	White Pine							X	X	X	X	X	X	X
<i>Pinus sylvestris</i> L.	Scots Pine							X	X	X	X	X	X	X
<i>Tsuga canadensis</i> (L.) Carr.	Eastern Hemlock							X	X	X	X	X	X	
<b>TAXACEAE</b>	<b>YEW FAMILY</b>													
<i>Taxus canadensis</i> Marsh.	American Yew							X	X	X	X	X	X	
<b>LILIOPSIDA</b>	<b>MONOCOTS</b>													
<b>ALISMATACEAE</b>	<b>WATER-PLANTAIN FAMILY</b>													
<i>Alisma plantago-aquatica</i> L.	Water-plantain							X	X	X	X	X	X	
<i>Sagittaria latifolia</i> Willd.	Broad-leaved Arrowhead							X	X	X	X	X	X	
<b>ARACEAE</b>	<b>ARUM FAMILY</b>													
<i>Arisaema triphyllum</i> (L.) Schott	Jack-in-the-pulpit							X	X	X	X	X	X	
<b>CYPERACEAE</b>	<b>SEDGE FAMILY</b>													
<i>Carex arctata</i> Boott	Drooping Wood Sedge							X	X	X	X	X	X	
<i>Carex aurea</i> Nutt.	Golden Fruited Sedge							X	X	X	X	X	X	
<i>Carex bebbii</i> (Bailey) Fern.	Bebb's Sedge							X	X	X	X	X	X	
<i>Carex blanda</i> Dew.	Woodland Sedge			U				X	X	X	X	X	X	
<i>Carex communis</i> Bailey	Fibrous Rooted Sedge													
<i>Carex comosa</i> Boott	Bristly Sedge			U	U									
<i>Carex cristatella</i> Britt.	Crested Sedge							X	X	X	X	X	X	
<i>Carex deweyana</i> Schw.	Dewey's Sedge							X	X	X	X	X	X	
<i>Carex flava</i> L.	Yellow Sedge			U	U									
<i>Carex gracillima</i> Schw.	Graceful Sedge							X	X	X	X	X	X	
<i>Carex granularis</i> Muhl. ex Willd.	Sedge							X	X	X	X	X	X	
<i>Carex hystericina</i> Muhl. ex Willd.	Porcupine Sedge							X	X	X	X	X	X	
<i>Carex interior</i> Bailey	Inland Sedge							X	X	X	X	X	X	
<i>Carex intumescens</i> Rudge	Bladder Sedge							X	X	X	X	X	X	
<i>Carex lacustris</i> Willd.	Lake Bank Sedge							X	X	X	X	X	X	
<i>Carex lanuginosa</i> Michx.	Woolly Sedge			U	R			X	X	X	X	X	X	
<i>Carex laxiflora</i> Lam.	Sedge			U	U			X	X	X	X	X	X	
<i>Carex lupulina</i> Muhl. ex Willd.	Hop Sedge							X	X	X	X	X	X	
<i>Carex lurida</i> Wahl.	Sedge			R <sup>4</sup>	R <sup>2</sup>			X	X	X	X	X	X	
<i>Carex pedunculata</i> Muhl. ex Willd.	Peduncled Sedge							X	X	X	X	X	X	
<i>Carex pensylvanica</i> Lam.	Pensylvanica Sedge							X	X	X	X	X	X	
<i>Carex plantaginea</i> Lam.	Plantain-leaved Sedge				R <sup>8</sup>			X	X	X	X	X	X	

# Appendix D. 407 EA Plant Species List by Watershed (East Study Area) 2003-2006

Family / Species	Common Name	COSEWIC <sup>1</sup>	Srank <sup>2</sup>	Durham <sup>3</sup>	GTA <sup>3</sup>	Status	Watersheds								
							Harmony Creek	Farewell Creek	Black Creek	Tooley Creek	Darlington Creek	Bowmanville Creek	Soper Creek	Wilmot Creek	Ganaraska River
<i>Carex platyphylla</i> Carey	Sedge				R <sup>3</sup>				X					X	
<i>Carex pseudocyperus</i> L.	Cyperus-like Sedge							X							
<i>Carex radiata</i>	Radiating Sedge							X	X		X		X	X	X
<i>Carex retrorsa</i> Schw.	Retorse Sedge							X	X		X		X	X	
<i>Carex scabrata</i> Schw.	Rough Sedge									X			X	X	
<i>Carex spicata</i> Huds.	Sedge			U	U	+				X			X	X	
<i>Carex sprengei</i> Dew. ex Spreng.	Long-beaked Sedge			R <sup>6</sup>	R								X	X	
<i>Carex stipata</i> Muhl. ex Willd.	Awl-Fruited Sedge									X			X	X	
<i>Carex stricta</i> Lam.	Tussock Sedge							X							
<i>Carex trisperma</i> Dew.	Three-seeded Sedge				R <sup>10</sup>	R		X							
<i>Carex viridula</i> Michx.	Green Sedge				R <sup>5</sup>	R		X	X						
<i>Carex vulpinoidea</i> Michx.	Fox Tail Sedge								X				X	X	
<i>Eleocharis acicularis</i> (L.) R.&S.	Spike-rush			U	R				X						
<i>Eleocharis erythropoda</i> Steud.	Spike-rush												X	X	
<i>Eleocharis intermedia</i> Schult.	Spike-rush			R <sup>7</sup>	R										X
<i>Scirpus acutus</i> Muhl.	Hard-stemmed Bulrush			R	R					X					X
<i>Scirpus atrovirens</i> Willd.	Black Bulrush							X	X		X		X	X	
<i>Scirpus cyperinus</i> (L.) Kunth	Wool-grass							X	X						
<i>Scirpus pendulus</i> Muhl.	Bulrush			U	U				X						
<i>Scirpus pungens</i> M. Vahl	Chair-maker's Rush			R <sup>2</sup>	R								X	X	
<i>Scirpus rubrotinctus</i> Fern.	Bulrush			U	U										
<i>Scirpus validus</i> Vahl.	Softstem Bulrush							X	X				X	X	
<b>HYDROCHARITACEAE</b>								<b>FROG'S-BIT FAMILY</b>							
<i>Elodea canadensis</i> Michx.	Elodea			U	U			X							
<b>IRIDACEAE</b>								<b>IRIS FAMILY</b>							
<i>Iris versicolor</i> L.	Wild Blue Flag							X	X						
<b>JUNCACEAE</b>								<b>RUSH FAMILY</b>							
<i>Juncus articulatus</i> L.	Rush							X	X				X	X	
<i>Juncus dudleyi</i> Wieg.	Dudley's Rush							X	X		X				
<i>Juncus effusus</i> L.	Rush								X				X	X	
<i>Juncus nodosus</i> L.	Rush			U	U				X						
<i>Juncus tenuis</i> Willd.	Path Rush							X	X				X	X	
<i>Juncus torreyi</i> Cov.	Rush								X						
<b>LEMNACEAE</b>								<b>DUCKWEED FAMILY</b>							
<i>Lemna minor</i> L.	Common Duckweed							X	X				X	X	
<i>Lemna trisulca</i> L.	Star Duckweed				U			X							
<i>Wolffia borealis</i> (Engelm.) Landolt	Water-meal			R <sup>6</sup>	R			X							
<b>LILIACEAE</b>								<b>LILY FAMILY</b>							
<i>Allium tricoccum</i> Ait.	Wild Leek; Ramps							X	X						
<i>Clintonia borealis</i> (Ait.) Raf.	Bluebead-lily			U				X	X		X		X	X	
<i>Convallaria majalis</i> L.	Garden Lily-of-the-valley												X	X	
<i>Erythronium americanum</i> Ker	Yellow Trout Lily										X				
<i>Hemerocallis fulva</i> (L.) L.	Orange Day Lily														
<i>Maianthemum canadense</i> Desf.	Canada Mayflower							X	X		X		X	X	X
<i>Maianthemum racemosum</i> (L.) Link	False Solomon's-seal							X	X		X		X	X	X
<i>Maianthemum stellatum</i> (L.) Link	Starry False Solomon's-seal							X	X				X	X	X
<i>Maianthemum trifolium</i> (L.) Sloboda	Three-leaved False Solomon's-seal			R <sup>9</sup>	U			X							
<i>Medeola virginiana</i> L.	Indian Cucumber-root			U	U			X	X						
<i>Polygonatum pubescens</i> (Willd.) Pursh	Solomon's-seal							X	X		X		X	X	
<i>Smilax herbacea</i> L.	Carrion-flower							X	X				X	X	X
<i>Smilax hispida</i> Torr.	Bristly Greenbrier			U	U				X						
<i>Streptopus roseus</i> Michx.	Twisted Stalk							X	X						
<i>Trillium erectum</i> L.	Purple Trillium							X	X		X		X	X	
<i>Trillium grandiflorum</i> (Michx.) Salisb.	White Trillium							X	X		X		X	X	
<i>Uvularia grandiflora</i> Sm.	Large Bellwort							X	X		X				
<b>NAJADACEAE</b>								<b>NAIAD FAMILY</b>							
<i>Najas flexilis</i> (Willd.) J.R. & S.	Bushy Naiad			R <sup>8</sup>	R				X						
<b>ORCHIDACEAE</b>								<b>ORCHID FAMILY</b>							
<i>Cypripedium calceolus</i> L.	Yellow Lady-slipper			U	U				X		X				
<i>Epipactis helleborine</i> (L.) Crantz	Helleborine							X	X		X		X	X	X
<i>Liparis loeselii</i> (L.) Rich.	Loesel's Twayblade; Fen Orchid			U	U				X						
<i>Platanthera hyperborea</i> (L.)	Northern Green Orchid			U	U				X						
<i>Spiranthes cernua</i> (L.) Rich.	Nodding Ladies'-tresses								X				X	X	
<b>POACEAE</b>								<b>GRASS FAMILY</b>							
<i>Agropyron repens</i> (L.)	Quack Grass								X						
<i>Agrostis gigantea</i> Roth.	Redtop							X	X						
<i>Agrostis stolonifera</i> L.	Creeping Bent Grass								X						
<i>Bromus inermis</i> Leyss.	Smooth Brome Grass							X	X		X		X	X	X
<i>Calamagrostis canadensis</i> (Michx.) Beauv.	Canada Blue-joint							X	X				X	X	
<i>Dactylis glomerata</i> L.	Orchard Grass								X				X	X	
<i>Danthonia spicata</i> (L.) R. & S.	Poverty Oat Grass							X	X				X	X	
<i>Echinochloa crusgalli</i> (L.) Beauv.	Barnyard Grass								X				X	X	
<i>Elymus riparius</i> Wieg.	River Bank Wild-rye			R <sup>4</sup>	R					X					
<i>Elymus virginicus</i> L.	Virginia Wild-rye			U				X							
<i>Festuca arundinacea</i> Schreb.	Tall Fescue								X				X	X	
<i>Glyceria borealis</i> (Nash) Batch.	Northern Manna Grass			R <sup>7</sup>	R				X				X	X	
<i>Glyceria grandis</i> S. Wats.	Tall Manna Grass							X	X		X		X	X	
<i>Glyceria striata</i> (Lam.) A.S. Hitchc.	Fowl Manna Grass							X	X		X		X	X	
<i>Leersia oryzoides</i> (L.) Sw.	Cut Grass							X	X				X	X	
<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Muhly Grass			R <sup>3</sup>	R				X				X	X	
<i>Muhlenbergia mexicana</i> (L.) Trin.	Muhly Grass							X	X				X	X	
<i>Oryzopsis asperifolia</i> Michx.	Rough-leaved Mountain-rice								X				X	X	

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Family / Species	Common Name	COSEWIC <sup>1</sup>	Srank <sup>2</sup>	Durham <sup>3</sup>	GTA <sup>3</sup>	Status	Watersheds								
							Harmony Creek	Farewell Creek	Black Creek	Tooley Creek	Darlington Creek	Bowmanville Creek	Soper Creek	Wilmot Creek	Ganaraska River
<i>Panicum capillare</i> L.	Witch Grass								X					X	
<i>Panicum lanuginosum</i> Ell.	Panic Grass								X					X	X
<i>Phalaris arundinacea</i> L.	Reed Canary Grass						X	X			X			X	
<i>Phleum pratense</i> L.	Timothy					+		X	X		X			X	X
<i>Phragmites australis</i> (Cav.) Trin. ex Steud.	Common Reed					+		X	X						
<i>Poa alsodes</i> L.	Woodland Poa		R <sup>3</sup>		R			X							
<i>Poa compressa</i> L.	Canada Blue Grass							X	X	X	X			X	X
<i>Poa palustris</i> L.	Fowl Meadow Grass							X	X					X	
<i>Poa pratensis</i> L.	Kentucky Blue Grass					+		X	X	X				X	X
<i>Setaria glauca</i> (L.) Beauv.	Yellow Foxtail					+			X					X	
<i>Setaria viridis</i> (L.) Beauv.	Green Foxtail					+			X					X	
<i>Sporobolus cryptandrus</i>	Sand Rush Grass		R <sup>7</sup>		R									X	
<b>POTAMOGETONACEAE</b>	<b>PONDWEED FAMILY</b>														
<i>Potamogeton pectinatus</i> L.	Sago Pondweed				U			X	X						
<i>Potamogeton pusillus</i>	Small Pondweed		U		R				X						
<i>Potamogeton zosteriformis</i> Fern.	Flat-stemmed Pondweed		U		R				X						
<b>SPARGANIACEAE</b>	<b>BUR-REED FAMILY</b>														
<i>Sparganium chlorocarpum</i> Rydb.	Green-fruited Bur-reed		U		U			X							
<i>Sparganium eurycarpum</i> Engelm.	Giant Bur-reed		U		U			X							
<b>TYPHACEAE</b>	<b>CATTAIL FAMILY</b>														
<i>Typha angustifolia</i> L.	Narrow-leaved Cattail								X						
<i>Typha latifolia</i> L.	Common Cattail							X	X					X	
<i>Typha X glauca</i> Godron	Hybrid Cattail							X	X					X	
<b>MAGNOLIOPSIDA</b>	<b>DICOTS</b>														
<b>ACERACEAE</b>	<b>MAPLE FAMILY</b>														
<i>Acer negundo</i> L.	Manitoba Maple							X	X		X	X	X		
<i>Acer platanoides</i> L.	Norway Maple					+		X	X						
<i>Acer rubrum</i> L.	Red Maple							X	X	X	X	X	X	X	X
<i>Acer saccharinum</i> L.	Silver Maple							X	X					X	
<i>Acer saccharum</i> Marsh.	Sugar Maple						X	X	X	X	X	X	X	X	X
<i>Acer spicatum</i> L.	Mountain Maple							X	X	X	X	X	X	X	
<i>Acer freemani</i>	Hybrid Maple								X					X	
<b>ANACARDIACEAE</b>	<b>CASHEW FAMILY</b>														
<i>Rhus radicans</i> L.	Poison-ivy							X	X		X	X	X	X	X
<i>Rhus typhina</i> L.	Staghorn Sumac							X	X			X	X	X	X
<b>APIACEAE</b>	<b>CARROT FAMILY</b>														
<i>Cicuta maculata</i> L.	Spotted Water-hemlock		U					X	X		X				
<i>Cryptotaenia canadensis</i> (L.) DC.	Honewort							X	X					X	
<i>Daucus carota</i> L.	Wild Carrot, Queen Anne's Lace					+		X	X	X	X	X	X	X	X
<i>Hydrocotyle americana</i> L.	Marsh Pennywort				U			X	X						
<i>Osmorhiza claytonii</i> (Michx.) Clarke	Sweet Cicely							X	X					X	
<i>Sanicula marilandica</i> L.	Black Snakeroot		U						X						
<i>Sium suave</i> Walt.	Water-parsnip							X	X						
<b>APOCYNACEAE</b>	<b>DOGBANE FAMILY</b>														
<i>Apocynum androsaemifolium</i> L.	Spreading Dogbane							X	X					X	X
<i>Apocynum cannabinum</i> L.	Indian Hemp								X					X	
<i>Vinca minor</i>	Periwinkle					+								X	
<b>AQUIFOLIACEAE</b>	<b>HOLLY FAMILY</b>														
<i>Ilex verticillata</i> (L.) Gray	Winterberry							X	X						
<i>Nemopanthus mucronata</i> (L.) Loes.	Mountain Holly			R <sup>11</sup>	R			X							
<b>ARALIACEAE</b>	<b>GINSENG FAMILY</b>														
<i>Aralia nudicaulis</i> L.	Wild Sarsaparilla							X	X		X	X	X	X	X
<i>Aralia racemosa</i> L.	Spikenard		U		U				X			X	X		
<i>Panax quinquefolius</i> L.	Ginseng	END	END	R <sup>2</sup>	R			X							
<b>ARISTOLOCHIACEAE</b>	<b>BIRTHWORT FAMILY</b>														
<i>Asarum canadense</i> L.	Wild Ginger							X	X		X	X	X		
<b>ASCLEPIADACEAE</b>	<b>MILKWEED FAMILY</b>														
<i>Asclepias incarnata</i> L.	Swamp Milkweed							X	X		X				
<i>Asclepias syriaca</i> L.	Common Milkweed							X	X	X		X	X	X	X
<i>Vincetoxicum rossicum</i> (Kleopov) Borh.	Dog-strangling Vine					+			X					X	X
<i>Vincetoxicum nigrum</i> Moench.	Dog-strangling Vine					+			X						
<b>ASTERACEAE</b>	<b>ASTER FAMILY</b>														
<i>Achillea millefolium</i> L.	Yarrow					+		X	X	X		X	X	X	
<i>Ambrosia artemisiifolia</i> L.	Common Ragweed							X	X			X	X	X	X
<i>Anaphalis margaritacea</i> (L.) Benth.	Pearly Everlasting							X	X					X	
<i>Antennaria neglecta</i> Greene	Pussytoes							X	X					X	
<i>Arctium minus</i> (Hill) Bernh.	Common Burdock					+		X	X					X	
<i>Aster borealis</i> (T. & G.) Prov.	Bog Aster						X								
<i>Aster cordifolius</i> L.	Heart-leaved Aster							X	X	X		X	X	X	X
<i>Aster eriocoides</i> L.	Heath Aster							X	X		X	X	X	X	X
<i>Aster lanceolatus</i> Willd.	Tall White Aster							X	X			X	X	X	
<i>Aster lateriflorus</i> (L.) Britt.	One-sided Aster							X	X	X	X			X	
<i>Aster macrophyllus</i> L.	Large-leaved Aster													X	
<i>Aster novae-angliae</i> L.	New England Aster							X	X	X	X	X	X	X	X
<i>Aster puniceus</i> L.	Red-stemmed Aster							X	X	X	X	X	X	X	
<i>Aster urophyllus</i> Wedem.	Arrow-leaved Aster				R <sup>8</sup>	U								X	X
<i>Aster umbellatus</i> Mill.	Flat-topped White Aster					U			X					X	
<i>Bidens cernua</i> L.	Nodding Beggarticks							X	X					X	
<i>Bidens frondosa</i> L.	Devil's Beggarticks							X	X			X	X	X	
<i>Carduus acanthoides</i> L.	Acanthus Plumeless Thistle													X	
<i>Centaurea maculosa</i> Lam.	Spotted Knapweed					+								X	X
<i>Centaurea nigra</i> L.	Black Knapweed					+							X		

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							Harmony Creek	Farewell Creek	Black Creek	Tooley Creek	Darlington Creek	Bowmanville Creek	Soper Creek	Wilmot Creek
<i>Chrysanthemum leucanthemum</i> L.	Ox-eye Daisy					+		X	X				X	X
<i>Cichorium intybus</i> L.	Chickory					+		X						
<i>Cirsium arvense</i> (L.) Scop.	Canada Thistle					+		X	X		X	X	X	
<i>Cirsium vulgare</i> (Savi) Tenore	Bull Thistle					+		X	X				X	
<i>Conyza canadensis</i> (L.) Cronq.	Horse-Weed							X	X					X
<i>Erigeron annuus</i> (L.) Pers.	Daisy Fleabane							X	X	X			X	
<i>Erigeron philadelphicus</i> L.	Philadelphia Fleabane							X	X				X	
<i>Erigeron strigosus</i> L.	Daisy Fleabane							X	X	X			X	X
<i>Eupatorium maculatum</i> L.	Spotted Joe-Pye Weed							X	X		X	X	X	
<i>Eupatorium perfoliatum</i> L.	Boneset							X	X			X	X	
<i>Eupatorium rugosum</i> Houtt.	White Snakeroot							X	X				X	
<i>Euthamia graminifolia</i> (L.) Nutt.	Narrow-leaf Goldenrod							X	X				X	
<i>Gnaphalium obtusifolium</i> L.	Fragrant Cudweed			R <sup>4</sup>	R								X	X
<i>Helianthus strumosus</i> L.	Pale-leaved Sunflower			R <sup>3</sup>	R									X
<i>Helianthus tuberosus</i> L.	Jerusalem Artichoke					+			X					
<i>Hieracium aurantiacum</i> L.	Orange Hawkweed					+			X	X			X	X
<i>Hieracium caespitosum</i> Dumort.	Yellow Hawkweed					+		X	X	X			X	X
<i>Inula helenium</i> L.	Elecampane					+		X	X			X	X	
<i>Lactuca biennis</i> (Moench) Fern.	Tall Blue Lettuce			U	R				X					
<i>Lactuca canadensis</i> L.	Canada Lettuce			U	U				X					
<i>Lactuca serriola</i> L.	Prickly Lettuce					+							X	
<i>Prenanthes altissima</i> L.	Tall White Lettuce								X				X	X
<i>Rudbeckia hirta</i> L.	Black-eyed Susan							X	X	X			X	X
<i>Solidago altissima</i> L.	Tall Goldenrod							X	X	X	X		X	
<i>Solidago caesia</i> L.	Blue-stem Goldenrod			U				X					X	
<i>Solidago canadensis</i> L.	Canada Goldenrod			U				X	X		X	X	X	
<i>Solidago flexicaulis</i> L.	Zig-zag Goldenrod							X	X		X	X	X	X
<i>Solidago gigantea</i> Ait.	Late Goldenrod							X	X	X	X	X	X	
<i>Solidago juncea</i> Ait.	Early Goldenrod			U	U			X	X	X			X	
<i>Solidago nemoralis</i> Ait.	Gray Goldenrod							X	X				X	X
<i>Solidago patula</i> Muhl.	Rough-leaved Goldenrod				R				X					
<i>Solidago rugosa</i> Ait.	Rough Goldenrod							X	X	X		X	X	
<i>Sonchus arvensis</i> L.	Field Sow-thistle					+		X	X			X		
<i>Sonchus asper</i> (L.) Hill	Spiny Annual Sow-thistle					+		X	X			X		
<i>Sonchus oleraceus</i> L.	Annual Sow-thistle					+		X	X					
<i>Taraxacum officinale</i> Weber	Dandelion					+		X	X	X	X	X	X	X
<i>Tragopogon pratensis</i> L.	Meadow Goat's-beard					+			X	X			X	
<i>Tussilago farfara</i> L.	Coltsfoot					+		X	X			X	X	
<b>BALSAMINACEAE</b>	<b>TOUCH-ME-NOT-FAMILY</b>													
<i>Impatiens capensis</i> Meerb.	Spotted Jewelweed						X	X	X		X	X	X	
<i>Impatiens pallida</i> Nutt.	Pale Jewelweed			R <sup>6</sup>	U			X	X					
<b>BERBERIDACEAE</b>	<b>BARBERRY FAMILY</b>													
<i>Berberis thunbergii</i> DC.	Japanese Barberry					+			X		X		X	
<i>Caulophyllum thalictroides</i> (L.) Michx.	Blue Cohosh							X	X	X		X	X	X
<i>Podophyllum peltatum</i> L.	May-apple							X	X				X	X
<b>BETULACEAE</b>	<b>BIRCH FAMILY</b>													
<i>Betula alleghaniensis</i> Britt.	Yellow Birch						X	X	X	X	X	X	X	X
<i>Betula papyrifera</i> Marsh.	Paper Birch							X	X	X	X	X	X	X
<i>Betula pendula</i> Roth	European White Birch					+		X	X					
<i>Carpinus caroliniana</i> Walt.	Blue Beech							X	X	X	X			
<i>Corylus cornuta</i> Marsh.	Beaked Hazelnut							X	X	X		X		X
<i>Ostrya virginiana</i> (Mill.) K. Koch	Hop Hornbeam							X	X	X		X	X	X
<b>BORAGINACEAE</b>	<b>BORAGE FAMILY</b>													
<i>Cynoglossum officinale</i> L.	Hound's-tongue					+							X	
<i>Echium vulgare</i> L.	Viper's-bugloss					+		X	X	X			X	
<i>Lithospermum officinale</i> L.	Pearl Gromwell					+							X	
<i>Myosotis laxa</i> Lehm.	Smaller Forget-me-not								X					
<i>Myosotis scorpioides</i> L.	True Forget-me-not					+							X	
<b>BRASSICACEAE</b>	<b>MUSTARD FAMILY</b>													
<i>Alliaria petiolata</i> (Bieb.) Cavara & Grande	Garlic Mustard					+		X	X				X	
<i>Arabis glabra</i> (L.) Bernh.	Tower-mustard			R <sup>4</sup>	R				X					
<i>Cardamine diphylla</i> (Michx.) Alph. Wood	Toothwort							X	X					
<i>Cardamine pensylvanica</i> Muhl.	Bitter Cress			U	U				X					
<i>Hesperis matronalis</i> L.	Dame's-rocket					+		X	X					
<i>Lepidium campestre</i> (L.) R. Br.	Field Pepper-grass					+							X	
<i>Nasturtium microphyllum</i> (Boenn.) Reichb.	Water Cress					+		X	X				X	
<i>Rorippa palustris</i> (L.) Besser	Marsh Yellow Cress			U				X	X					
<b>CALLITRICHACEAE</b>	<b>WATER-STARWORT FAMILY</b>													
<i>Callitriche heterophylla</i> Pursh	Water-starwort		S2?		E			X						
<b>CAPRIFOLIACEAE</b>	<b>HONEYSUCKLE FAMILY</b>													
<i>Diervilla lonicera</i> Mill.	Bush-honeysuckle											X		X
<i>Lonicera canadensis</i> Marsh.	Fly Honeysuckle			U					X				X	
<i>Lonicera tatarica</i> L.	Tartarian Honeysuckle					+		X	X	X			X	
<i>Sambucus canadensis</i> L.	Common Elder							X	X		X	X	X	
<i>Sambucus racemosa</i> L.	Red-berried Elder							X				X	X	
<i>Triosteum aurantiacum</i> Bickn.	Wild Coffee			R <sup>1</sup>	R								X	X
<i>Viburnum acerifolium</i> L.	Maple-leaved Viburnum								X				X	X
<i>Viburnum lantana</i>	Wayfaring Tree					+			X					
<i>Viburnum lentago</i> L.	Nannyberry							X	X	X				
<i>Viburnum trilobum</i> Marsh.	Highbush-cranberry			U					X	X				
<i>Viburnum opulus</i> L.	Gelder Rose					+		X	X			X	X	
<b>CARYOPHYLLACEAE</b>	<b>PINK FAMILY</b>													

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							Harmony Creek	Farewell Creek	Black Creek	Tooley Creek	Darlington Creek	Bowmanville Creek	Soper Creek	Wilmot Creek	Ganaraska River
<i>Cerastium fontanum</i> Baumg.	Mouse-eared Chickweed					+		X						X	
<i>Dianthus armeria</i> L.	Deptford Pink					+								X	
<i>Saponaria officinalis</i> L.	Bouncing-bet					+		X	X					X	
<i>Silene latifolia</i> Poir.	Catchfly							X							
<i>Silene vulgaris</i> (Moench) Garcke	Bladder Campion					+			X	X				X	X
<i>Stellaria media</i> (L.) Vill.	Common Chickweed					+								X	
<b>CELASTRACEAE</b>	<b>STAFF-TREE FAMILY</b>														
<i>Celastrus orbiculatus</i>	Oriental Bittersweet					+			X	X				X	
<i>Celastrus scandens</i> L.	Climbing Bittersweet							X	X			X		X	
<b>CONVOLVULACEAE</b>	<b>MORNING GLORY FAMILY</b>														
<i>Calystegia sepium</i> (L.) R.Br.	Hedge Bindweed			U	U				X						
<i>Calystegia spithamea</i>	Upright Bindweed			R <sup>3</sup>	R										X
<i>Convolvulus arvensis</i> L.	Field Bindweed					+				X					
<i>Cuscuta groenovii</i> Willd.	Swamp Dodder			U	U			X	X						
<b>CORNACEAE</b>	<b>DOGWOOD FAMILY</b>														
<i>Cornus alternifolia</i> L.f.	Alternate-leaved Dogwood							X	X	X	X	X	X	X	X
<i>Cornus rugosa</i> Lam.	Round-leaved Dogwood													X	X
<i>Cornus stolonifera</i> Michx.	Red-osier Dogwood						X	X	X		X		X		
<b>CRASSULACEAE</b>	<b>ORPINE FAMILY</b>														
<i>Penthorum sedoides</i> L.	Ditch Stonecrop							X	X						
<b>CUCURBITACEAE</b>	<b>GOURD FAMILY</b>														
<i>Echinocystis lobata</i> (Michx.) T. & G.	Wild Cucumber							X	X			X	X		
<b>ELAEAGNACEAE</b>	<b>OLEASTER FAMILY</b>														
<i>Elaeagnus angustifolia</i> L.	Russian Olive		SE3			+									
<b>ERICACEAE</b>	<b>HEATH FAMILY</b>														
<i>Chamaedaphne calyculata</i> (L.) Moench	Leather-leaf			R <sup>12</sup>	R			X							
<i>Gaylussacia baccata</i> (Wang.) K. Koch	Black Huckleberry			R <sup>3</sup>	R			X							
<i>Ledum groenlandicum</i> Oeder	Labrador Tea			R <sup>8</sup>	R			X							
<i>Vaccinium angustifolium</i> Ait.	Lowbush Blueberry			R <sup>2</sup>	R			X							
<i>Vaccinium myrtilloides</i> Michx.	Velvet-leaved Blueberry			R <sup>5</sup>	R			X							
<b>EUPHORBIACEAE</b>	<b>SPURGE FAMILY</b>														
<i>Acalypha rhomboidea</i> Raf.	Three-seeded Mercury							X	X				X		
<i>Euphorbia cyparissias</i> L.	Cypress Spurge					+									X
<i>Euphorbia maculata</i> L.	Hairy-fruited Spurge								X						
<b>FAGACEAE</b>	<b>BEECH FAMILY</b>														
<i>Fagus grandifolia</i> Ehrh.	American Beech						X	X	X		X	X	X	X	X
<i>Quercus rubra</i> L.	Red Oak							X					X	X	
<b>FABACEAE</b>	<b>PEA FAMILY</b>														
<i>Amphicarpaea bracteata</i> (L.) Fern.	Hog-peanut							X	X			X	X		
<i>Coronilla varia</i> L.	Crown Vetch					+									X
<i>Desmodium canadense</i> (L.) DC.	Showy Tick-trefoil			U	U			X					X	X	
<i>Desmodium glutinosum</i> (Muhl.) Wood	Pointed-leaved Tick-trefoil			U	U									X	
<i>Lespedeza capitata</i> Michx.	Round-headed Bush Clover			R <sup>8</sup>	R								X	X	
<i>Lotus corniculatus</i> L.	Bird-foot Trefoil					+		X	X				X		
<i>Medicago lupulina</i> L.	Black Medic					+		X		X			X		
<i>Medicago sativa</i> L.	Alfalfa					+							X		
<i>Melilotus alba</i> Medic.	White Sweet-clover					+		X	X				X		
<i>Melilotus officinalis</i> (L.) Pall.	Yellow Sweet-clover					+			X						
<i>Robinia pseudoacacia</i> L.	Black Locust					+			X						
<i>Trifolium aureum</i> Poll.	Hop Clover					+		X							
<i>Trifolium pratense</i> L.	Red Clover					+		X					X		
<i>Trifolium repens</i> L.	White Clover					+		X					X		
<i>Trifolium sp</i>	Clover species										X				
<i>Vicia cracca</i> L.	Bird Vetch					+		X	X	X					X
<b>GENTIANACEAE</b>	<b>GENTIAN FAMILY</b>														
<i>Gentiana andrewsii</i> Griseb.	Closed Gentian			R <sup>10</sup>	R				X						
<i>Gentiana crinita</i> Froel.	Fringed Gentian			R <sup>13</sup>	R				X						
<b>GERANIACEAE</b>	<b>GERANIUM FAMILY</b>														
<i>Geranium robertianum</i> L.	Herb Robert					+		X	X		X	X	X		
<b>GROSSULARIACEAE</b>	<b>GOOSEBERRY FAMILY</b>														
<i>Ribes americanum</i> Mill.	Wild Black Currant							X	X	X	X	X	X		
<i>Ribes cynosbati</i> L.	Prickly Gooseberry							X	X	X	X	X	X	X	
<i>Ribes rubrum</i> L.	Red Currant					+		X	X	X					
<i>Ribes triste</i> Pall.	Swamp Red Currant			U	U				X				X		
<b>HYDROPHYLLACEAE</b>	<b>WATERLEAF FAMILY</b>														
<i>Hydrophyllum canadense</i> L.	Canada Waterleaf			R <sup>7</sup>	R								X		
<i>Hydrophyllum virginianum</i> L.	Virginia Waterleaf							X					X		
<b>HYPERICACEAE</b>	<b>ST. JOHN'S-WORT FAMILY</b>														
<i>Hypericum mutilum</i> L.	Dwarf St. John's-wort			R <sup>1</sup>	R				X						
<i>Hypericum perforatum</i> L.	Common St. John's-wort					+		X	X				X	X	
<b>JUGLANDACEAE</b>	<b>WALNUT FAMILY</b>														
<i>Carya cordiformis</i> (Wang.) K.Koch	Bitternut Hickory								X				X	X	
<i>Juglans cinerea</i> L.	Butternut	END	S3?						X				X	X	
<i>Juglans nigra</i> L.	Black Walnut			U					X		X	X	X	X	
<b>LAMIACEAE</b>	<b>MINT FAMILY</b>														
<i>Galeopsis tetrahit</i> L.	Hemp-nettle					+							X		
<i>Glechoma hederacea</i> L.	Ground-ivy					+			X						
<i>Leonurus cardiaca</i> L.	Motherwort					+							X		
<i>Lycopus americanus</i> Muhl.	American Water-horehound							X	X		X				
<i>Lycopus europaeus</i> L.	European Water-horehound					+		X							
<i>Lycopus uniflorus</i> Michx.	Northern Water-horehound							X	X			X	X		
<i>Mentha arvensis</i> L.	Field or Common Mint							X	X				X		



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							Harmony Creek	Farewell Creek	Black Creek	Tooley Creek	Darlington Creek	Bowmanville Creek	Soper Creek	Wilmot Creek	Ganaraska River		
<i>Ranunculus pensylvanicus</i> L. f.	Bristly Crowfoot							X									
<i>Ranunculus recurvatus</i> Poir.	Hooked Buttercup							X	X				X	X			
<i>Ranunculus repens</i> L.	Creeping Buttercup					+			X								
<i>Ranunculus sceleratus</i> L.	Cursed Crowfoot								X								
<i>Thalictrum dioicum</i> L.	Early Meadow Rue							X	X				X	X			X
<i>Thalictrum pubescens</i> Pursh	Tall Meadow Rue							X	X								
<b>RHAMNACEAE</b>	<b>BUCKTHORN FAMILY</b>																
<i>Rhamnus alnifolia</i> L'Herr	Alder-leaved Buckthorn			U	U				X								
<i>Rhamnus cathartica</i> L.	Common Buckthorn					+	X	X	X	X	X	X	X	X			X
<b>ROSACEAE</b>	<b>ROSE FAMILY</b>																
<i>Agrimonia gryposepala</i> Wallr.	Agrimony							X	X	X				X			
<i>Amelanchier laevis</i> Wieg.	Serviceberry			U	U				X				X				
<i>Aronia prunifolia</i> (Marsh.) Rehd.	Chokeberry			R <sup>5</sup>	R			X									
<i>Crataegus crus-galli</i> L.	Cockspur Hawthorn								X								
<i>Crataegus flabellata</i>	Fan-leaved Thorn			R <sup>3</sup>	R												X
<i>Crataegus monogyne</i> Jacq.	English Hawthorn					+				X				X			X
<i>Crataegus punctata</i> Jacq.	Dotted Hawthorn													X			X
<i>Crataegus</i> sp.	Hawthorn sp.													X			X
<i>Fragaria vesca</i> L.	Woodland Strawberry							X	X	X	X			X			X
<i>Fragaria virginiana</i> Dcne.	Common Strawberry							X	X		X			X			X
<i>Geum aleppicum</i> Jacq.	Yellow Avens							X	X	X				X			
<i>Geum canadense</i> Jacq.	White Avens							X	X	X	X			X			X
<i>Geum laciniatum</i> Murray	Cutleaved Avens			R <sup>1</sup>	U						X						
<i>Geum</i> sp.	Avens species													X			
<i>Malus pumila</i> Miller	Apple									X				X			X
<i>Potentilla anserina</i> L.	Silverweed			U	U					X							
<i>Potentilla arguta</i> Pursh.	Prairie or Tall Cinquefoil			R <sup>4</sup>	R									X			
<i>Potentilla norvegica</i> L.	Rough Cinquefoil							X	X					X			X
<i>Potentilla recta</i> L.	Rough-fruited Cinquefoil					+		X	X	X				X			X
<i>Potentilla simplex</i> Michx.	Common Cinquefoil			U	U						X						
<i>Prunus nigra</i> Ait.	Canada Plum									X				X			
<i>Prunus pensylvanica</i> L. f.	Pin Cherry							X	X		X			X			X
<i>Prunus serotina</i> Ehrh.	Black Cherry							X	X	X				X			X
<i>Prunus virginiana</i> L.	Choke Cherry							X	X	X	X	X	X	X			X
<i>Pyrus communis</i> L.	Pear					+			X					X			
<i>Rosa acicularis</i> Lindl.	Prickly Rose			R <sup>1</sup>	R									X			
<i>Rosa blanda</i> Ait.	Smooth Rose / Wild Rose									X				X			X
<i>Rosa multiflora</i> Thunb.	Multiflora Rose					+		X	X								
<i>Rubus allegheniensis</i> Porter	Common Blackberry							X	X		X			X			X
<i>Rubus hispidus</i> L.	Swamp Dewberry			R <sup>3</sup>	R				X								
<i>Rubus idaeus</i> L.	Wild Red Raspberry							X	X	X	X	X	X	X			X
<i>Rubus occidentalis</i> L.	Black Raspberry							X	X		X	X	X	X			X
<i>Rubus odoratus</i> L.	Flowering Raspberry								X		X	X	X	X			X
<i>Rubus pubescens</i> Raf.	Dwarf Raspberry							X	X	X	X	X	X	X			
<i>Sorbus aucuparia</i> L.	European Mountain-ash					+		X	X	X				X			
<i>Spiraea alba</i> DuRoi	Meadowsweet									X							
<b>RUBIACEAE</b>	<b>MADDER FAMILY</b>																
<i>Cephalanthus occidentalis</i> L.	Buttonbush			R <sup>4</sup>	R			X									
<i>Galium aparine</i> L.	Cleavers			U	U			X									
<i>Galium asprellum</i> Michx.	Rough Bedstraw			U	U			X	X								
<i>Galium mollugo</i> L.	Wild Madder					+		X	X								
<i>Galium palustre</i> L.	Marsh Bedstraw							X	X								
<i>Galium trifidum</i> L.	Small Bedstraw			R <sup>7</sup>	U									X			
<i>Galium triflorum</i> Michx.	Sweet-scented Bedstraw							X	X		X			X			X
<i>Mitchella repens</i> L.	Partridge berry							X	X					X			
<b>SALICACEAE</b>	<b>WILLOW FAMILY</b>																
<i>Populus alba</i> L.	White Poplar					+				X				X			
<i>Populus balsamifera</i> L.	Balsam Poplar							X	X	X	X	X	X	X			
<i>Populus deltoides</i> Marsh	Cottonwood			U				X	X		X			X			
<i>Populus grandidentata</i> Michx.	Large-toothed Aspen							X	X		X			X			X
<i>Populus tremuloides</i> Michx.	Trembling Aspen							X	X	X	X	X	X	X			X
<i>Populus x canadense</i>	Carolina Poplar																
<i>Salix alba</i> L.	White Willow					+		X	X					X			
<i>Salix amygdaloides</i> Anderss.	Peach-leaved Willow							X	X								
<i>Salix bebbiana</i> Sarg.	Bebb's Willow							X	X		X			X			
<i>Salix discolor</i> Muhl.	Pussy Willow							X	X					X			
<i>Salix eriocephala</i> Michx.	Heart-leaved Willow							X	X		X			X			
<i>Salix exigua</i> Nutt.	Sandbar Willow							X	X					X			
<i>Salix fragilis</i> L.	Crack Willow					+			X		X						
<i>Salix humilus</i> Marshall	Upland Willow																
<i>Salix lucida</i> Muhl.	Shining Willow				U				X					X			
<i>Salix petiolaris</i> Sm.	Slender Willow							X	X								
<i>Salix purpurea</i> L.	Basket Willow					+			X								
<i>Salix</i> sp.	Willow							X									
<i>Salix x rubens</i> Schrank.	Hybrid Crack Willow					+		X	X					X			
<i>Salix</i> sp.	Willow species													X			
<b>SAXIFRAGACEAE</b>	<b>SAXIFRAGE FAMILY</b>																
<i>Chrysosplenium americanum</i> Hooker	Golden Saxifrage			U	R			X						X			
<i>Mitella diphylla</i> L.	Bishop's Cap							X	X								
<i>Mitella nuda</i> L.	Naked Mitrewort													X			
<i>Tiarella cordifolia</i> L.	Foam Flower							X	X		X	X	X	X			
<b>SCROPHULARIACEAE</b>	<b>FIGWORT FAMILY</b>																

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<i>Agalinus tenuifolia</i> (Vahl) Raf.	Slender Gerardia			U	R			X	X					X	
<i>Chelone glabra</i> L.	Turtlehead			U	U			X							
<i>Linaria vulgaris</i> Mill.	Butter-and-eggs					+								X	X
<i>Mimulus ringens</i> L.	Square-stemmed Monkeyflower				U			X	X						
<i>Penstemon digitalis</i> Nutt.	Foxglove Beard-tongue			R <sup>5</sup>	R									X	
<i>Verbascum thapsus</i> L.	Common Mullein					+		X	X	X				X	X
<i>Veronica anagallis-aquatica</i> L.	Water-speedwell					+			X					X	
<i>Veronica officinalis</i> L.	Common Speedwell					+		X	X					X	
<b><u>SOLANACEAE</u></b>								<b><u>NIGHTSHADE FAMILY</u></b>							
<i>Physalis heterophylla</i> Nees	Clammy Ground-cherry			U	R									X	X
<i>Solanum dulcamara</i> L.	Bittersweet Nightshade					+	X	X	X		X	X	X	X	X
<i>Solanum nigrum</i> L.	Black Nightshade													X	
<b><u>TILIACEAE</u></b>								<b><u>LINDEN FAMILY</u></b>							
<i>Tilia americana</i> L.	Basswood						X	X	X	X	X	X	X	X	X
<i>Tilia cordata</i>	Littleleaf Linden		SE1			+								X	
<b><u>ULMACEAE</u></b>								<b><u>ELM FAMILY</u></b>							
<i>Ulmus americana</i> L.	American Elm						X	X	X	X	X	X	X	X	X
<b><u>URTICACEAE</u></b>								<b><u>NETTLE FAMILY</u></b>							
<i>Boehmeria cylindrica</i> (L.) Sw.	False Nettle							X	X		X				
<i>Laportea canadensis</i> (L.) Wedd.	Wood Nettle							X	X					X	
<i>Pilea fontana</i> (Lunell) Rydb.	Clearweed				R <sup>3</sup>	R			X						
<i>Pilea pumila</i> (L.) Gray	Clearweed							X	X		X	X	X	X	X
<i>Urtica dioica</i> L. subsp. <i>gracilis</i> (Ait.)	American Stinging Nettle						X	X	X		X	X	X	X	X
<b><u>VERBENACEAE</u></b>								<b><u>VERVAIN FAMILY</u></b>							
<i>Verbena hastata</i> L.	Blue Vervain							X	X					X	
<i>Verbena stricta</i> Vent.	Hoary Vervain				U	R									X
<i>Verbena urticifolia</i> L.	White Vervain													X	
<b><u>VIOLACEAE</u></b>								<b><u>VIOLET FAMILY</u></b>							
<i>Viola canadensis</i> L.	Canada Violet								X						
<i>Viola conspersa</i> Reich.	Dog Violet							X	X					X	
<i>Viola cucullata</i> Ait.	Marsh Violet								X					X	
<i>Viola pubescens</i> Ait.	Downy Yellow Violet							X	X					X	
<i>Viola sororia</i> Willd.	Common Blue Violet							X	X	X	X			X	
<i>Viola</i> sp.	Violet species										X				
<b><u>VITACEAE</u></b>								<b><u>GRAPE FAMILY</u></b>							
<i>Parthenocissus inserta</i> (A. Kerner) Fritsch	Virginia Creeper							X	X	X	X	X	X	X	X
<i>Vitis riparia</i> Michx.	Riverbank Grape						X	X	X	X	X	X	X	X	X

+ - Non-native species

X - present