

# **APPENDIX D**

## HABITAT AND FLORA

Table D.1 Complete plant list for Aerotech RoW based on 2018 field surveys. Species in red font were observed in the June survey only.

Scientific Name	Common Name	SRank
<i>Abies balsamea</i>	Balsam Fir	S5
<i>Acer pensylvanicum</i>	Striped Maple	S5
<i>Acer rubrum</i>	Red Maple	S5
<i>Acer saccharum</i>	Sugar Maple	S4S5
<i>Aegopodium podagraria</i>	Bishop's Goutweed	SNA
<i>Agalinis neoscotica</i>	Nova Scotia Agalinis	S3S4
<i>Agrostis capillaris</i>	Colonial Bent Grass	SNA
<i>Agrostis scabra</i>	Rough Bent Grass	S5
<i>Agrostis stolonifera</i>	Creeping Bent Grass	S5
<i>Alnus incana</i>	Speckled Alder	S5
<i>Alnus viridis</i>	Green Alder	S5
<i>Amelanchier laevis</i>	Smooth Serviceberry	S5
<i>Anaphalis margaritacea</i>	Pearly Everlasting	S5
<i>Andromeda polifolia</i>	Bog Rosemary	S5
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	S5
<i>Arethusa bulbosa</i>	Dragon's-mouth	S4
<i>Athyrium filix-femina</i>	Common Lady Fern	S5
<i>Bartonia paniculata</i>	Branched Bartonia	S4S5
<i>Betula alleghaniensis</i>	Yellow Birch	S5
<i>Betula papyrifera</i>	Paper Birch	S5
<i>Betula populifolia</i>	Gray Birch	S5
<i>Bidens frondosa</i>	Devil's Beggarticks	S5
<i>Brachyelytrum erectum</i>	Bearded Shorthusk	SNA
<i>Calamagrostis canadensis</i>	Bluejoint Reed Grass	S5
<i>Calamagrostis pickeringii</i>	Pickering's Reed Grass	S4S5
<i>Calopogon tuberosus</i>	Grass-pink	S4
<i>Carex arctata</i>	Black Sedge	S5
<i>Carex atlantica</i>	Atlantic Sedge	S4
<i>Carex canescens</i>	Silvery Sedge	S5
<i>Carex communis</i>	Fibrous-Root Sedge	S5
<i>Carex debilis</i>	White-edged Sedge	S5
<i>Carex disperma</i>	Two-seeded Sedge	S5
<i>Carex echinata</i>	Star Sedge	S5
<i>Carex exilis</i>	Coastal Sedge	S4
<i>Carex flava</i>	Yellow Sedge	S5
<i>Carex folliculata</i>	Northern Long Sedge	S5
<i>Carex gynandra</i>	Nodding Sedge	S5
<i>Carex intumescens</i>	Bladder Sedge	S5
<i>Carex lacustris</i>	Lake Sedge	S4
<i>Carex lurida</i>	Sallow Sedge	S5
<i>Carex magellanica</i>	Boreal Bog Sedge	S5
<i>Carex pallescens</i>	Pale Sedge	S5
<i>Carex scoparia</i>	Broom Sedge	S5
<i>Carex stipata</i>	Awl-fruited Sedge	S5
<i>Carex stricta</i>	Tussock Sedge	S5
<i>Carex trisperma</i>	Three-seeded Sedge	S5
<i>Centaurea nigra</i>	Black Knapweed	SNA
<i>Chamaedaphne calyculata</i>	Leatherleaf	S5
<i>Cicuta maculata</i>	Spotted Water-Hemlock	S5
<i>Cinna latifolia</i>	Drooping Wood Reed Grass	S5
<i>Cladium mariscoides</i>	Smooth Twigrush	S5
<i>Clintonia borealis</i>	Yellow Bluebead Lily	S5
<i>Comptonia peregrina</i>	Sweet-fern	S5
<i>Convallaria majalis</i>	European Lily-of-the-Valley	SNA
<i>Coptis trifolia</i>	Goldthread	S5
<i>Cornus canadensis</i>	Bunchberry	S5

Scientific Name	Common Name	SRank
<i>Corylus cornuta</i>	Beaked Hazel	S5
<i>Cypripedium acaule</i>	Pink Lady's-Slipper	S5
<i>Danthonia spicata</i>	Poverty Oat Grass	S5
<i>Dennstaedtia punctilobula</i>	Eastern Hay-Scented Fern	S5
<i>Deschampsia flexuosa</i>	Wavy Hair Grass	S5
<i>Dianthus armeria</i>	Deptford Pink	SNA
<i>Dichanthelium spretum</i>	Eaton's Witchgrass	S4
<i>Diervilla lonicera</i>	Northern Bush Honeysuckle	S5
<i>Digitaria sanguinalis</i>	Hairy Crab Grass	SNA
<i>Doellingeria umbellata</i>	Hairy Flat-top White Aster	S5
<i>Drosera intermedia</i>	Spatulate-leaved Sundew	S5
<i>Drosera rotundifolia</i>	Round-leaved Sundew	S5
<i>Dryopteris campyloptera</i>	Mountain Wood Fern	S5
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	S5
<i>Dulichium arundinaceum</i>	Three-Way Sedge	S5
<i>Eleocharis tenuis</i>	Slender Spikerush	S5
<i>Epigaea repens</i>	Trailing Arbutus	S5
<i>Epilobium ciliatum</i>	Northern Willowherb	S5
<i>Epilobium leptophyllum</i>	Bog Willowherb	S5
<i>Equisetum arvense</i>	Field Horsetail	S5
<i>Eriocaulon aquaticum</i>	White Buttons	S5
<i>Eriophorum tenellum</i>	Rough Cottongrass	S4S5
<i>Eriophorum virginicum</i>	Tawny Cottongrass	S5
<i>Eupatorium perfoliatum</i>	Common Boneset	S5
<i>Euphrasia nemorosa</i>	Common Eyebright	S5
<i>Eurybia radula</i>	Low Rough Aster	S5
<i>Euthamia graminifolia</i>	Grass-leaved Goldenrod	S5
<i>Festuca filiformis</i>	Hair Fescue	SNA
<i>Fragaria virginiana</i>	Wild Strawberry	S5
<i>Frangula alnus</i>	Glossy Buckthorn	SNA
<i>Fraxinus americana</i>	White Ash	S5
<i>Galeopsis tetrahit</i>	Common Hemp-nettle	SNA
<i>Galium tinctorium</i>	Dyer's Bedstraw	S5
<i>Gaultheria hispidula</i>	Creeping Snowberry	S5
<i>Gaultheria procumbens</i>	Eastern Teaberry	S5
<i>Gaylussacia baccata</i>	Black Huckleberry	S5
<i>Gaylussacia bigeloviana</i>	Dwarf Huckleberry	S5
<i>Glyceria canadensis</i>	Canada Manna Grass	S5
<i>Glyceria striata</i>	Fowl Manna Grass	S5
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	SNA
<i>Gymnocarpium dryopteris</i>	Common Oak Fern	S5
<i>Hamamelis virginiana</i>	American Witch-Hazel	S5
<i>Hieracium lachenalii</i>	Common Hawkweed	SNA
<i>Hieracium piloselloides</i>	Tall Hawkweed	SNA
<i>Hypericum canadense</i>	Canada St John's-wort	S5
<i>Hypericum perforatum</i>	Common St. John's-wort	SNA
<i>Ilex verticillata</i>	Common Winterberry	S5
<i>Impatiens capensis</i>	Spotted Jewelweed	S5
<i>Iris versicolor</i>	Harlequin Blue Flag	S5
<i>Juncus brevicaudatus</i>	Narrow-Panicled Rush	S5
<i>Juncus canadensis</i>	Canada Rush	S5
<i>Juncus effusus</i>	Soft Rush	S5
<i>Juncus pelocarpus</i>	Brown-Fruited Rush	S5
<i>Juncus tenuis</i>	Slender Rush	S5
<i>Juniperus communis</i>	Common Juniper	S5
<i>Kalmia angustifolia</i>	Sheep Laurel	S5
<i>Kalmia polifolia</i>	Pale Bog Laurel	S5

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<i>Larix laricina</i>	Tamarack	S5
<i>Ledum groenlandicum</i>	Common Labrador Tea	S5
<i>Leersia oryzoides</i>	Rice Cut Grass	S5
<i>Linnaea borealis</i>	Twinflower	S5
<i>Lonicera canadensis</i>	Canada Fly Honeysuckle	S5
<i>Lonicera villosa</i>	Mountain Fly Honeysuckle	S4S5
<i>Luzula multiflora</i>	Common Woodrush	S5
<i>Lycopodium annotinum</i>	Stiff Clubmoss	S5
<i>Lycopodium dendroideum</i>	Round-branched Tree-clubmoss	S5
<i>Lycopus uniflorus</i>	Northern Water Horehound	S5
<i>Lysimachia terrestris</i>	Swamp Yellow Loosestrife	S5
<i>Lythrum salicaria</i>	Purple Loosestrife	SNA
<i>Maianthemum canadense</i>	Wild Lily-of-The-Valley	S5
<i>Maianthemum trifolium</i>	Three-leaved False Solomon's Seal	S5
<i>Medeola virginiana</i>	Indian Cucumber Root	S5
<i>Medicago lupulina</i>	Black Medick	SNA
<i>Mitchella repens</i>	Partridgeberry	S5
<i>Monotropa hypopitys</i>	Pinesap	S4
<i>Monotropa uniflora</i>	Indian Pipe	S5
<i>Morella pensylvanica</i>	Northern Bayberry	S5
<i>Muhlenbergia uniflora</i>	Bog Muhly	S5
<i>Myrica gale</i>	Sweet Gale	S5
<i>Nemopanthus mucronatus</i>	Mountain Holly	S5
<i>Nuphar lutea ssp. variegatum</i>	Variegated Pond-lily	S5
<i>Oclemena acuminata</i>	Whorled Wood Aster	S5
<i>Oclemena nemoralis</i>	Bog Aster	S5
<i>Onoclea sensibilis</i>	Sensitive Fern	S5
<i>Orthilia secunda</i>	One-sided Wintergreen	S5
<i>Osmunda cinnamomea</i>	Cinnamon Fern	S5
<i>Osmunda claytoniana</i>	Interrupted Fern	S5
<i>Osmunda regalis</i>	Royal Fern	S5
<i>Oxalis montana</i>	Common Wood Sorrel	S5
<i>Panicum capillare</i>	Common Witch Grass	SNA
<i>Panicum dichotomiflorum</i>	Fall Panic Grass	S5
<i>Phalaris arundinacea</i>	Reed Canary Grass	S5
<i>Phegopteris connectilis</i>	Northern Beech Fern	S5
<i>Photinia melanocarpa</i>	Black Chokeberry	S5
<i>Physocarpus opulifolius</i>	Eastern Ninebark	SNA
<i>Picea glauca</i>	White Spruce	S5
<i>Picea mariana</i>	Black Spruce	S5
<i>Picea rubens</i>	Red Spruce	S5
<i>Pinus strobus</i>	Eastern White Pine	S5
<i>Pinus sylvestris</i>	Scotch Pine	SNA
<i>Plantago major</i>	Common Plantain	SNA
<i>Platanthera clavellata</i>	Club Spur Orchid	S5
<i>Platanthera psycodes</i>	Small Purple Fringed Orchid	S4
<i>Poa pratensis</i>	Kentucky Blue Grass	S5
<i>Pogonia ophioglossoides</i>	Rose Pogonia	S4
<i>Polygonum sagittatum</i>	Arrow-leaved Smartweed	S5
<i>Polypodium virginianum</i>	Rock Polypody	S5
<i>Polystichum acrostichoides</i>	Christmas Fern	S5
<i>Populus grandidentata</i>	Large-toothed Aspen	S5
<i>Populus tremuloides</i>	Trembling Aspen	S5
<i>Potentilla simplex</i>	Old Field Cinquefoil	S5
<i>Prenanthes altissima</i>	Tall Rattlesnakeroot	S5
<i>Prunella vulgaris</i>	Common Self-heal	S5

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<i>Prunus pensylvanica</i>	Pin Cherry	S5
<i>Prunus virginiana</i>	Chokecherry	S5
<i>Pteridium aquilinum</i>	Bracken Fern	S5
<i>Pyrola elliptica</i>	Shinleaf	S5
<i>Quercus rubra</i>	Northern Red Oak	S5
<i>Ranunculus acris</i>	Common Buttercup	SNA
<i>Ranunculus repens</i>	Creeping Buttercup	SNA
<i>Rhinanthus minor ssp. minor</i>	Little Yellow Rattle	S5
<i>Rhododendron canadense</i>	Rhodora	S5
<i>Rhynchospora alba</i>	White Beakrush	S5
<i>Rhynchospora capitellata</i>	Small-headed Beakrush	S4
<i>Rosa multiflora</i>	Multiflora Rose	SNA
<i>Rosa nitida</i>	Shining Rose	S4S5
<i>Rosa virginiana</i>	Virginia Rose	S5
<i>Rubus allegheniensis</i>	Alleghaney Blackberry	S5
<i>Rubus hispidus</i>	Bristly Dewberry	S5
<i>Rubus idaeus</i>	Red Raspberry	S5
<i>Rubus pubescens</i>	Dwarf Red Raspberry	S5
<i>Salix bebbiana</i>	Bebb's Willow	S5
<i>Sarracenia purpurea</i>	Northern Pitcher Plant	S5
<i>Scirpus cyperinus</i>	Common Woolly Bulrush	S5
<i>Scirpus hattorianus</i>	Mosquito Bulrush	S5
<i>Scirpus microcarpus</i>	Small-fruited Bulrush	S5
<i>Scutellaria galericulata</i>	Marsh Skullcap	S5
<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed-grass	S4
<i>Solidago puberula</i>	Downy Goldenrod	S5
<i>Solidago rugosa</i>	Rough-stemmed Goldenrod	S5
<i>Solidago uliginosa</i>	Northern Bog Goldenrod	S5
<i>Sorbus americana</i>	American Mountain Ash	S5
<i>Spiraea alba</i>	White Meadowsweet	S5
<i>Spiraea tomentosa</i>	Steeplebush	S5
<i>Spiranthes cernua</i>	Nodding Ladies'-Tresses	S5
<i>Symphyotrichum lateriflorum</i>	Calico Aster	S5
<i>Symphyotrichum novi-belgii</i>	New York Aster	S5
<i>Taxus canadensis</i>	Canada Yew	S4S5
<i>Thelypteris palustris</i>	Eastern Marsh Fern	S5
<i>Triadenum virginicum</i>	Virginia St John's-wort	S5
<i>Trichophorum cespitosum</i>	Deer Grass	S5
<i>Trientalis borealis</i>	Northern Starflower	S5
<i>Trillium undulatum</i>	Painted Trillium	S5
<i>Tsuga canadensis</i>	Eastern Hemlock	S4S5
<i>Typha latifolia</i>	Broad-leaved Cattail	S5
<i>Utricularia cornuta</i>	Horned Bladderwort	S5
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	S5
<i>Vaccinium macrocarpon</i>	Large Cranberry	S5
<i>Vaccinium myrtilloides</i>	Velvet-leaved Blueberry	S5
<i>Vaccinium oxycoccos</i>	Small Cranberry	S5
<i>Vaccinium vitis-idaea</i>	Mountain Cranberry	S5
<i>Veronica chamaedrys</i>	Germander Speedwell	SNA
<i>Veronica officinalis</i>	Common Speedwell	S5
<i>Viburnum lantanoides</i>	Hobblebush	S4S5
<i>Viburnum nudum</i>	Northern Wild Raisin	S5
<i>Vicia cracca</i>	Tufted Vetch	SNA
<i>Viola cucullata</i>	Marsh Blue Violet	S5
<i>Viola lanceolata</i>	Lance-leaved Violet	S5
<i>Viola macloskeyi</i>	Small White Violet	S5
<i>Woodwardia virginica</i>	Virginia Chain Fern	S4

Scientific Name	Common Name	SRank
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Note: Scientific names used are in accordance to the latest ACCDC species list retrieved in March 2018. Scientific names may no longer be in use; however, for consistency in this report, species names in the ACCDC species list are used.