



Figure 1. Map of on-foot site coverage on the August 2-3, 2006 survey, with proposed turbine locations. The blue line is the track recorded by GPS. Orange areas indicate project footprint, with turbine sites indicated by dots. The labeled points on the southwest of the map are four turbine sites for which geocoordinates given to me differed from those mapped.

Table 1. Plant communities of proposed turbine sites. Turbine sites match those mapped in Figure 1. Common names for species listed here are given in the site plant list in Table 2. Species names in round brackets () are minor constituents.

Turbine #	Tree Species (~order of abundance)	Forest Age (approx.)	Dominant tall shrub / sapling spp.	Herbaceous & Low Shrub Dominants	General Description & Notes
A1	sugar maple 7, beech3 [80% cover]	65-75	beech, yellow birch, <i>Acer spicatum</i> , <i>Acer pensylvanicum</i> ; [10-15% cover]	<i>Dryopteris campyloptera</i> , <i>Erythronium americanum</i> , <i>Maianthemum canadense</i> , <i>Clintonia borealis</i> , <i>Oxalis montana</i> , <i>Streptopus lanceolatus</i> , <i>Claytonia caroliniana</i> ; [80% cover]	Moderately mature sugar maple upland forest.
A2	sugar maple 8, beech1, yellow birch1 [80% cover]	2 ages - 20 & 70	beech; [10-20% cover]	<i>Dryopteris campyloptera</i> , <i>Erythronium americanum</i> , <i>Clintonia borealis</i> , <i>Maianthemum canadense</i> , <i>Rubus pubescens</i> , <i>Streptopus lanceolatus</i> , <i>Oxalis montana</i> , <i>Claytonia caroliniana</i> ; [85% cover]	Two ages: moderately mature deciduous forest, and young deciduous forest about 20 years old.
A3	sugar maple7, yellow birch2, beech1 [60-80% cover]	65	<i>Rubus canadensis</i> , beech, yellow birch, sugar maple, <i>Acer spicatum</i> ; [45% cover]	<i>Dryopteris campyloptera</i> , <i>Rubus pubescens</i> , <i>Viola blanda</i> , <i>Erythronium americanum</i> , <i>Clintonia borealis</i> , <i>Maianthemum canadense</i> , <i>Aralia nudicaulis</i> , <i>Carex leptonevia</i> , <i>Streptopus lanceolatus</i> ; [85% cover]	Intermediate- mature deciduous forest, selectively cut for firewood in last 5-10 years
A4	yellow birch [<5% cover]	10 to 15	yellow birch, sugar maple, <i>Acer spicatum</i> ; [0% in rock quarry, 85% outside]	very limited vascular plant cover in quarry site	Turbine site is in small rock quarry within 10-15 year old deciduous forest clearcut with a dense sapling layer
A5	yellow birch6, sugar maple2, beech2 [15-20% cover]	10 & 1-2 (site at border of recent cut)	yellow birch, beech, balsam fir, <i>Acer spicatum</i> , (<i>Rubus idaeus</i> ssp. <i>strigosus</i>); [20% cover in recent cut, 100% cover in 10 year old cut]	<i>Erythronium americanum</i> , <i>Maianthemum canadense</i> , <i>Dryopteris campyloptera</i> , (<i>Cinna latifolia</i> , <i>Carex leptonevia</i> , <i>Clintonia borealis</i> , <i>Carex novae-angliae</i> , <i>Carex arctata</i> , <i>Panax trifolius</i> , <i>Streptopus lanceolatus</i> , <i>Rubus pubescens</i>); [65% cover]	Cut-over, mesic deciduous forest with some canopy cover remaining. Site is at border of a recent cut (1-2 years old) and a cut of approximately 10 years ago.
A6	sugar maple5, red spruce3, yellow birch2 [80-90% cover]	two age classes - 40 & 80 years old	yellow birch, balsam fir, sugar maple, <i>Lonicera canadensis</i> , <i>Viburnum lantanoides</i> , <i>Acer spicatum</i> ; [30-50% cover]	<i>Dryopteris campyloptera</i> , <i>Maianthemum canadense</i> , <i>Clintonia borealis</i> , <i>Cornus canadensis</i> , <i>Phegopteris connectilis</i> , <i>Oxalis montana</i> ; [80% cover]	Bouldery small ravine with small stream 10m away. Nearby clearcut would provide a better site for a turbine from a natural heritage perspective.
A7	sugar maple, yellow birch, beech [75-85% cover]	60-80, scattered older yellow birch perhaps 150+	sugar maple, yellow birch, beech, <i>Acer spicatum</i> , (<i>Acer pensylvanicum</i> , <i>Cornus alternifolia</i> , <i>Rubus canadensis</i> , <i>Lonicera canadensis</i>); [35% cover]	<i>Dryopteris campyloptera</i> , <i>Erythronium americanum</i> , <i>Maianthemum canadense</i> , <i>Rubus pubescens</i> , <i>Oxalis montana</i> , <i>Streptopus lanceolatus</i> , <i>Aralia nudicaulis</i> ; [65% cover]	Intermediate aged, mesic deciduous forest
B1	white spruce10, (balsam fir, yellow birch) [75% cover]	30	yellow birch, balsam fir, <i>Sambucus racemosa</i> , <i>Corylus cornuta</i> ; [5-10% cover]	<i>Maianthemum canadense</i> , <i>Erythronium americanum</i> , <i>Rubus pubescens</i> , <i>Dryopteris campyloptera</i> , <i>Oclemena acuminata</i> , <i>Phegopteris connectilis</i> ; [% cover varies from 5% or less to 70% depending on light levels]	Young-intermediate aged white spruce plantation in area formerly occupied by deciduous forest

Turbine #	Tree Species (~order of abundance)	Forest Age (approx.)	Dominant tall shrub / sapling spp.	Herbaceous & Low Shrub Dominants	General Description & Notes
B2	sugar maple ⁸ , beech ¹ , yellow birch ¹ ; [85% cover]	85 in area of turbine, but younger in surrounding area	sugar maple, yellow birch, beech; [5-10% cover]	<i>Dryopteris campyloptera</i> , <i>Rubus pubescens</i> , <i>Oclemena acuminata</i> , <i>Aralia nudicaulis</i> , <i>Erythronium americanum</i> , <i>Viola blanda</i> , <i>Cinna latifolia</i> , <i>Streptopus lanceolatus</i> , <i>Huperzia lucidula</i> , <i>Claytonia caroliniana</i> ; [80-90% cover]	Mature to intermediate-aged deciduous forest
B3	white spruce ⁹ , (balsam fir, yellow birch) ¹ [60% cover]	20-30	yellow birch, balsam fir; [<5% cover]	<i>Maianthemum canadense</i> , <i>Erythronium americanum</i> , <i>Dryopteris campyloptera</i> , <i>Athyrium filix-femina</i> , <i>Solidago rugosa</i> , <i>Doellingeria umbellata</i> ; [30% cover]	Young-intermediate aged white spruce plantation in area formerly occupied by deciduous forest. Tree cover varies from ~50 to 95%.
B4	white spruce ¹⁰ (balsam fir) [75-80% cover]	30	balsam fir, (<i>Salix bebbiana</i> , <i>Sambucus racemosa</i>); [5-10% cover]	<i>Maianthemum canadense</i> , <i>Viola blanda</i> , <i>Erythronium americanum</i> , <i>Rubus pubescens</i> , <i>Oclemena acuminata</i> , <i>Aralia nudicaulis</i> ; [20% cover]	Young-intermediate aged white spruce plantation in area formerly occupied by deciduous forest
B5	white spruce ¹⁰ (balsam fir, yellow birch) [75-80% cover]	30	yellow birch, balsam fir; [<5% cover]	<i>Maianthemum canadense</i> , <i>Clintonia borealis</i> , <i>Erythronium americanum</i> , <i>Dryopteris intermedia</i> , <i>Dennstaedtia punctilobula</i> , <i>Athyrium filix-femina</i> , <i>Streptopus lanceolatus</i> , <i>Panax trifolius</i> , <i>Trientalis borealis</i> ; [30% cover]	Young-intermediate aged white spruce plantation in area formerly occupied by deciduous forest
B6	yellow birch ⁴ , sugar maple ³ , beech ³ [95% cover]	15-20	balsam fir, <i>Lonicera canadensis</i> ; [<5% cover]	<i>Dryopteris campyloptera</i> , <i>Maianthemum canadense</i> , <i>Erythronium americanum</i> , (<i>Carex arctata</i> , <i>Carex novae-angliae</i> , <i>Aralia nudicaulis</i> , <i>Panax trifolius</i> , <i>Oclemena acuminata</i> , <i>Cinna latifolia</i> , <i>Streptopus lanceolatus</i> , <i>Clintonia borealis</i> , <i>Oxalis montana</i>); [50% cover]	Very uniform-aged, young, mesic deciduous forest regenerating from clearcut about 15-20 years ago.
B7	minimal [~0% cover]	<5	yellow birch, sugar maple, <i>Rubus canadensis</i> , <i>Rubus idaeus</i> ssp. <i>strigosus</i> , (<i>Sambucus racemosa</i> , <i>Acer pensylvanicum</i> , <i>Viburnum lantanoides</i> , <i>Acer spicatum</i> , <i>Lonicera canadensis</i> , red spruce); [60% cover]	<i>Erythronium americanum</i> , (<i>Streptopus lanceolatus</i> , <i>Polygonatum pubescens</i> , <i>Dennstaedtia punctilobula</i> , <i>Rubus pubescens</i> , <i>Scirpus cyperinus</i> , <i>Chamerion angustifolium</i> , <i>Maianthemum canadense</i> , <i>Maianthemum racemosum</i> , <i>Dryopteris campyloptera</i> , <i>Viola blanda</i> , <i>Carex leptonevia</i>); [65% cover]	Approximately 5 year old deciduous forest clearcut
B8	minimal [~0% cover]	3	sugar maple, yellow birch, <i>Acer spicatum</i> , <i>Sambucus racemosa</i> , <i>Picea</i> sp. (just planted); [40% cover]	<i>Maianthemum canadense</i> , <i>Carex communis</i> , <i>Erythronium americanum</i> , <i>Polygonum cilinode</i> , <i>Streptopus lanceolatus</i> , <i>Carex leptonevia</i> , <i>Dryopteris campyloptera</i> , <i>Aralia nudicaulis</i> , <i>Scirpus cyperinus</i> ; [60% cover]	Deciduous forest, recently clearcut and just planted with spruce. Site is near edge of an especially rich deciduous forest slope and it would be best to avoid impacts on existing forest here.

Turbine #	Tree Species (~order of abundance)	Forest Age (approx.)	Dominant tall shrub / sapling spp.	Herbaceous & Low Shrub Dominants	General Description & Notes
B9	sugar maple10 [90% cover]	60-70	sugar maple, <i>Acer spicatum</i> , <i>Rubus idaeus ssp. strigosus</i> [10% cover]	<i>Deparia acrostichoides</i> , <i>Erythronium americanum</i> , <i>Dryopteris campyloptera</i> , <i>Cinna latifolia</i> , <i>Carex leptonevia</i> , <i>Oclemena acuminata</i> , (<i>Polygonum cilinode</i> , <i>Dicentra cucullaria</i> , <i>Rubus pubescens</i> , <i>Galium triflorum</i> , <i>Viola sp.</i> , <i>Streptopus lanceolatus</i> , <i>Trillium cernuum</i> , <i>Lactuca biennis</i>); [90% cover]	Site is directly on edge of clearcut, with description describing the uncut portion - an unusually rich deciduous forest stand. Turbine would be better placed higher on hill to the southwest so that no existing forest is affected.
B10	sugar maple [5% cover - only in nearby "habitat island" left in clearcut]	<3, but ~90 in tiny habitat island	<i>Rubus canadensis</i> , <i>Rubus idaeus ssp. strigosus</i> , yellow birch, sugar maple, (<i>Sambucus racemosa</i>); 50-60% cover	<i>Erythronium americanum</i> , <i>Carex leptonevia</i> , <i>Maianthemum canadense</i> , (<i>Rubus pubescens</i> , <i>Streptopus lanceolatus</i> , <i>Polygonatum pubescens</i> , <i>Chamerion angustifolium</i> , <i>Lactuca biennis</i>); [40% cover]	Massive recent deciduous forest clearcut within 20m of very small "habitat island" left standing
B11	sugar maple10 [15% cover, but only in stream buffer along ravine]	~4 in clearcut and 80 in narrow stream buffer	sugar maple, yellow birch, planted Japanese? Larch, balsam fir, <i>Rubus canadensis</i> , (<i>Acer pensylvanicum</i> , <i>Viburnum lantanooides</i> , <i>Cornus alternifolia</i>); [75% cover]	<i>Streptopus lanceolatus</i> , <i>Maianthemum canadense</i> , <i>Erythronium americanum</i> , <i>Rubus pubescens</i> , <i>Aralia nudicaulis</i> , (<i>Cinna latifolia</i> , <i>Carex communis</i> , <i>Polygonatum pubescens</i> , <i>Carex brunnescens var. sphaerostachya</i>); [45% cover]	The point given was at the bottom of a small stream ravine and may be slightly inaccurate. Description is from the adjacent crest of the ravine.
B12	beech8, sugar maple2 [85%cover]	60-80	<i>Acer spicatum</i> , beech, (<i>Rubus canadensis</i>); [30% cover]	<i>Dryopteris campyloptera</i> , <i>Erythronium americanum</i> , (<i>Maianthemum canadense</i> , <i>Aralia nudicaulis</i> , <i>Cinna latifolia</i> , <i>Rubus pubescens</i> , <i>Oclemena acuminata</i> , <i>Carex leptonevia</i> , <i>Carex arctata</i> , <i>Phegopteris connectilis</i> , <i>Viola blanda</i>); [80% cover]	Intermediate aged, mesic deciduous forest at crest of high hill. Forest canopy very low for age of trees, with trees perhaps stunted by wind.

Table 2. Vascular plants recorded in the study area, with abundance estimates and provincial status ranks. Site Status codes and provincial S-ranks are defined above. Taxonomy follows Kartesz (1999) – *Synthesis of the North American Flora*, CD-ROM.

Species / Family Name	Family / Species Common Name	Site Status	NS S- rank	NS General Status Rank	Note
<i>LYCOPODIACEAE</i>	Clubmoss Family				
<i>Huperzia lucidula</i>	Shining Fir-Clubmoss	c	S5	Secure	
<i>Lycopodium annotinum</i>	Stiff Clubmoss	r	S5	Secure	
<i>Lycopodium clavatum</i>	Running Pine	r	S5	Secure	
<i>Lycopodium dendroideum</i>	Treelike Clubmoss	u	S4?	Secure	
<i>Lycopodium digitatum</i>	Fan Club-Moss	r	S5	Secure	
<i>Lycopodium obscurum</i>	Tree Clubmoss	r	S5	Secure	
<i>EQUISETACEAE</i>	Horsetail Family				
<i>Equisetum arvense</i>	Field Horsetail	r	S5	Secure	
<i>Equisetum sylvaticum</i>	Woodland Horsetail	r	S5	Secure	
<i>OSMUNDACEAE</i>	Flowering-Fern Family				
<i>Osmunda cinnamomea</i>	Cinnamon Fern	f	S5	Secure	
<i>Osmunda claytoniana</i>	Interrupted Fern	f	S5	Secure	
<i>POLYPODIACEAE</i>	Polypody Family				
<i>Polypodium virginianum</i>	Rock Polypody	r	S5	Secure	

Species / Family Name	Family / Species Common Name	Site Status	NS S-rank	NS General Status Rank	Note
DENNSTAEDTIACEAE	Hay-Scented Fern Family				
<i>Demnstaedtia punctilobula</i>	Eastern Hay-Scented Fern	c	S5	Secure	
<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	Bracken Fern	u	S5	Secure	
THELYPTERIDACEAE	Marsh-Fern Family				
<i>Phegopteris connectilis</i>	Northern Beech Fern	c	S5	Secure	
<i>Thelypteris noveboracensis</i>	New York Fern	c	S5	Secure	
DRYOPTERIDACEAE	Wood-Fern Family				
<i>Athyrium filix-femina</i>	Lady-Fern	c	S5	Secure	
<i>Deparia acrostichoides</i>	Silvery Spleenwort	f	S4	Secure	
<i>Dryopteris campyloptera</i>	Mountain Woodfern	C	S5	Secure	
<i>Dryopteris intermedia</i>	Evergreen Woodfern	r	S5	Secure	
<i>Gymnocarpium dryopteris</i>	Northern Oak Fern	r	S5	Secure	
<i>Matteuccia struthiopteris</i>	Ostrich Fern	u	S5	Secure	
<i>Onoclea sensibilis</i>	Sensitive Fern	f	S5	Secure	
<i>Polystichum acrostichoides</i>	Christmas Fern	r	S5	Secure	
<i>Polystichum braunii</i>	Braun's Holly-Fern	r	S3S4	Secure	
PINACEAE	Pine Family				
<i>Abies balsamea</i>	Balsam Fir	c	S5	Secure	
<i>Larix kaempferi</i>	Japanese Larch	f	[SE]	[Exotic]	strictly planted - ID uncertain vs. <i>Larix decidua</i> or other exotic species
<i>Picea glauca</i>	White Spruce	c	S5	Secure	
<i>Picea rubens</i>	Red Spruce	c	S5	Secure	
RANUNCULACEAE	Buttercup Family				
<i>Actaea rubra</i>	Red Baneberry	r	S5	Secure	
<i>Coptis trifolia</i>	Goldthread	r	S5	Secure	
<i>Ranunculus abortivus</i>	Kidney-Leaved Buttercup	r	S4S5	Secure	
<i>Ranunculus acris</i>	Tall Butter-Cup	r	SE	Exotic	
<i>Ranunculus recurvatus</i>	Hooked Crowfoot	r	S4	Secure	
<i>Ranunculus repens</i>	Creeping Butter-Cup	r	SE	Exotic	
<i>Thalictrum pubescens</i>	Tall Meadow-Rue	u	S5	Secure	
FUMARIACEAE	Fumitory Family				
<i>Dicentra cucullaria</i>	Dutchman's Breeches	f	S4	Secure	
FAGACEAE	Beech Family				
<i>Fagus grandifolia</i>	American Beech	c	S5	Secure	
BETULACEAE	Birch Family				
<i>Betula alleghaniensis</i>	Yellow Birch	c	S5	Secure	
<i>Betula papyrifera</i> var. <i>cordifolia</i>	Heart-Leaved Paper Birch	r	S5	Secure	
<i>Betula populifolia</i>	Gray Birch	f	S5	Secure	
<i>Corylus cornuta</i>	Beaked Hazelnut	c	S5	Secure	
PORTULACACEAE	Purslane Family				
<i>Claytonia caroliniana</i>	Carolina Spring-Beauty	c	S4	Secure	
POLYGONACEAE	Smartweed Family				
<i>Polygonum cilinode</i>	Fringed Black Bindweed	u	S5	Secure	
<i>Polygonum hydropiper</i>	Marshpepper Smartweed	r	SE	Exotic	
<i>Polygonum sagittatum</i>	Arrow-Leaved Tearthumb	r	S5	Secure	
<i>Rumex acetosella</i>	Sheep Sorrel	r	SE	Exotic	
<i>Rumex crispus</i>	Curly Dock	r	SE	Exotic	
<i>Rumex obtusifolius</i>	Bitter Dock	r	SE	Exotic	

Species / Family Name	Family / Species Common Name	Site Status	NS S-rank	NS General Status Rank	Note
CLUSIACEAE	St. John's-wort Family				
<i>Hypericum mutilum</i>	Slender St. John's-Wort	r	S4S5	Secure	ID is in the broad sense, including <i>H. borealis</i>
DROSERACEAE	Sundew Family				
<i>Drosera rotundifolia</i>	Round-Leaved Sundew	r	S5	Secure	
VIOLACEAE	Violet Family				
<i>Viola blanda</i>	Downy White Violet	C	S5	Secure	
<i>Viola cucullata</i>	Marsh Blue Violet	c	S5	Secure	
<i>Viola macloskeyi ssp. pallens</i>	Smooth White Violet	r	S5	Secure	
<i>Viola pubescens</i>	Downy Yellow Violet	r	S4	Secure	
<i>Viola sororia</i>	Woolly Blue Violet	r	S5	Secure	
SALICACEAE	Willow Family				
<i>Populus grandidentata</i>	Large-Tooth Aspen	u	S5	Secure	
<i>Populus tremuloides</i>	Quaking Aspen	f	S5	Secure	
<i>Salix bebbiana</i>	Bebb's Willow	f	S5	Secure	
<i>Salix discolor</i>	Pussy Willow	u	S5	Secure	
<i>Salix eriocephala</i>	Heart-Leaved Willow	r	S5	Secure	
<i>Salix humilis</i>	Prairie Willow	r	S5	Secure	
<i>Salix pyrifolia</i>	Balsam Willow	r	S5	Secure	
BRASSICACEAE	Mustard Family				
<i>Cardamine diphylla</i>	Two-Leaf Toothwort	u	S4	Secure	
<i>Cardamine pensylvanica</i>	Pennsylvania Bitter-Cress	r	S5	Secure	
ERICACEAE	Heath Family				
<i>Gaultheria hispidula</i>	Creeping Snowberry	r	S5	Secure	
<i>Kalmia angustifolia</i>	Sheep-Laurel	r	S5	Secure	
<i>Rhododendron canadense</i>	Rhodora	r	S5	Secure	
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	u	S5	Secure	
<i>Vaccinium macrocarpon</i>	Large Cranberry	r	S5	Secure	
PYROLACEAE	Pyrola Family				
<i>Pyrola elliptica</i>	Shinleaf	r	S5	Secure	
MONOTROPACEAE	Indian Pipe Family				
<i>Monotropa uniflora</i>	Indian-Pipe	r	S5	Secure	
PRIMULACEAE	Primrose Family				
<i>Lysimachia terrestris</i>	Swamp Loosestrife	r	S5	Secure	
<i>Trientalis borealis</i>	Northern Starflower	f	S5	Secure	
GROSSULARIACEAE	Gooseberry Family				
<i>Ribes glandulosum</i>	Skunk Currant	u	S5	Secure	
<i>Ribes lacustre</i>	Bristly Black Currant	r	S5	Secure	
<i>Ribes triste</i>	Swamp Red Currant	r	S4	Secure	
SAXIFRAGACEAE	Saxifrage Family				
<i>Chrysosplenium americanum</i>	American Golden-Saxifrage	r	S5	Secure	
ROSACEAE	Rose Family				
<i>Agrimonia striata</i>	Woodland Agrimony	r	S5	Secure	
<i>Amelanchier</i> species	Shadbush species	r	S?	Secure	Coppery young foliage; likely <i>A. interior</i> or <i>laevis</i>
<i>Fragaria virginiana</i>	Virginia Strawberry	u	S5	Secure	
<i>Geum laciniatum</i>	Rough Avens	r	S4S5	Secure	ID probable only - infertile plant
<i>Geum macrophyllum</i>	Large-Leaved Avens	r	S5	Secure	
<i>Geum rivale</i>	Purple Avens	r	S5	Secure	
<i>Potentilla norvegica ssp. monspeliensis</i>	Norwegian Cinquefoil	u	S5	Secure	
<i>Potentilla simplex</i>	Old-Field Cinquefoil	r	S5	Secure	
<i>Prunus pensylvanica</i>	Fire Cherry	r	S5	Secure	

Species / Family Name	Family / Species Common Name	Site Status	NS S-rank	NS General Status Rank	Note
<i>Prunus virginiana</i>	Choke Cherry	u	S5	Secure	
<i>Rosa carolina</i>	Carolina Rose	r	S5	Secure	some characteristics suggested hybridization with <i>R. virginiana</i>
<i>Rubus</i> sp.	Blackberry sp.	u			<i>Rubus setosus</i> or related taxon; low-arching, densely bristly canes - relatively stout & woody
<i>Rubus canadensis</i>	Smooth Blackberry	c	S5	Secure	
<i>Rubus idaeus</i> ssp. <i>strigosus</i>	American Red Raspberry	c	S5	Secure	
<i>Rubus pubescens</i>	Dwarf Red Raspberry	c	S5	Secure	
<i>Sorbus americana</i>	American Mountain-Ash	c	S5	Secure	
<i>Spiraea alba</i> var. <i>latifolia</i>	Northern Meadow-Sweet	r	S5	Secure	
<i>Spiraea tomentosa</i>	Hardhack Spiraea	r	S5	Secure	
FABACEAE	Bean Family				
<i>Vicia cracca</i>	Tufted Vetch	r	SE	Exotic	
ONAGRACEAE	Evening-Primrose Family				
<i>Chamerion angustifolium</i>	Fireweed	c	S5	Secure	
<i>Epilobium ciliatum</i>	Hairy Willow-Herb	r	S5	Secure	
<i>Epilobium palustre</i>	Marsh Willow-Herb	r	S5	Secure	
<i>Oenothera</i> sp.	Evening-Primrose sp.	r	[S5]	[Secure]	<i>O. biennis</i> or <i>parviflora</i>
<i>Oenothera perennis</i>	Small Sundrops	r	S5	Secure	
CORNACEAE	Dogwood Family				
<i>Cornus alternifolia</i>	Alternate-Leaf Dogwood	f	S5	Secure	
<i>Cornus canadensis</i>	Dwarf Dogwood	u	S5	Secure	
ACERACEAE	Maple Family				
<i>Acer pensylvanicum</i>	Striped Maple	c	S5	Secure	
<i>Acer rubrum</i>	Red Maple	c	S5	Secure	
<i>Acer saccharum</i>	Sugar Maple	c	S5	Secure	
<i>Acer spicatum</i>	Mountain Maple	c	S5	Secure	
OXALIDACEAE	Wood-Sorrel Family				
<i>Oxalis montana</i>	White Wood-Sorrel	c	S5	Secure	
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	r	S5	Secure	
BALSAMINACEAE	Touch-Me-Not Family				
<i>Impatiens capensis</i>	Spotted Jewel-Weed	f	S5	Secure	
ARALIACEAE	Sarsaparilla Family				
<i>Aralia hispida</i>	Bristly Sarsaparilla	r	S5	Secure	
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	c	S5	Secure	
<i>Panax trifolius</i>	Dwarf Ginseng	c	S3	Secure	
APIACEAE	Carrot Family				
<i>Cicuta maculata</i>	Spotted Water-Hemlock	r	S5	Secure	
<i>Hydrocotyle americana</i>	American Water-Pennywort	r	S5	Secure	
<i>Osmorhiza claytonii</i>	Hairy Sweet-Cicely	r	S4S5	Secure	
LAMIACEAE	Mint Family				
<i>Lycopus uniflorus</i>	Northern Bugleweed	u	S5	Secure	
<i>Prunella vulgaris</i>	Self-Heal	r	S5	Secure	
<i>Scutellaria lateriflora</i>	Mad Dog Skullcap	r	S5	Secure	
PLANTAGINACEAE	Plantain Family				
<i>Plantago major</i>	Nipple-Seed Plantain	r	SE	Exotic	
OLEACEAE	Olive Family				
<i>Fraxinus americana</i>	White Ash	r	S5	Secure	
SCROPHULARIACEAE	Snapdragon Family				

Species / Family Name	Family / Species Common Name	Site Status	NS S-rank	NS General Status Rank	Note
<i>Chelone glabra</i>	White Turtlehead	r	S5	Secure	
<i>Veronica americana</i>	American Speedwell	r	S5	Secure	
<i>Veronica officinalis</i>	Gypsy-Weed	r	S5SE	Exotic	
RUBIACEAE	Bedstraw Family				
<i>Galium</i> sp.	Bedstraw sp.	r	[S5]	[Secure]	<i>G. palustre</i> or <i>G. trifidum</i>
<i>Galium asprellum</i>	Rough Bedstraw	u	S5	Secure	
<i>Galium triflorum</i>	Sweet-Scent Bedstraw	u	S5	Secure	
<i>Mitchella repens</i>	Partridge-Berry	u	S5	Secure	
CAPRIFOLIACEAE	Honeysuckle Family				
<i>Diervilla lonicera</i>	Northern Bush-Honeysuckle	u	S5	Secure	
<i>Linnaea borealis</i>	Twinflower	r	S5	Secure	
<i>Lonicera canadensis</i>	American Fly-Honeysuckle	c	S5	Secure	
<i>Sambucus racemosa</i>	Red Elderberry	c	S5	Secure	
<i>Viburnum lantanoides</i>	Alderleaf Viburnum	c	S5	Secure	
ASTERACEAE	Aster Family				
<i>Achillea millefolium</i>	Common Yarrow	r	S5	Secure	
<i>Anaphalis margaritacea</i>	Pearly Everlasting	f	S5	Secure	
<i>Antennaria howellii</i>	Small Pussy-Toes	r	S5	Secure	ID probable only
<i>Cirsium arvense</i>	Creeping Thistle	r	SE	Exotic	
<i>Cirsium vulgare</i>	Bull Thistle	r	SE	Exotic	
<i>Doellingeria umbellata</i>	Parasol White-Top	c	S5	Secure	
<i>Erigeron strigosus</i>	Daisy Fleabane	u	S5	Secure	
<i>Eupatorium maculatum</i>	Spotted Joe-Pye Weed	r	S5	Secure	
<i>Eupatorium perfoliatum</i>	Common Boneset	r	S5	Secure	
<i>Eurybia macrophylla</i>	Large-Leaf Wood-Aster	r	S5	Secure	
<i>Euthamia graminifolia</i>	Flat-Top Fragrant-Golden-Rod	f	S5	Secure	
<i>Hieracium x floribundum</i>	Smoothish Hawkweed	u	SE	Exotic	
<i>Hieracium</i> sp.	Hawkweed sp. - white leaf underside	r	[SE]	[Exotic]	<i>not in flower</i> - <i>H. pilosella</i> or <i>x flagellare</i>
<i>Hieracium</i> sp.	Hawkweed sp. - Field or Orange	r	[SE]	[Exotic]	<i>not in flower</i> - <i>H. caespitosum</i> or <i>aurantiacum</i>
<i>Hieracium lachenalii</i>	Common Hawkweed	r	SE	Exotic	
<i>Hieracium scabrum</i>	Rough Hawkweed	r	S5	Secure	
<i>Lactuca biennis</i>	Tall Blue Lettuce	u	S5	Secure	
<i>Lactuca canadensis</i>	Canada Lettuce	r	S5	Secure	
<i>Leontodon autumnalis</i>	Autumn Hawkbit	r	SE	Exotic	
<i>Leucanthemum vulgare</i>	Oxeye Daisy	r	SE	Exotic	
<i>Matricaria discoidea</i>	Pineapple-Weed Chamomile	r	SE	Exotic	
<i>Oclemena acuminata</i>	Whorled Aster	c	S5	Secure	
<i>Prenanthes altissima</i>	Tall Rattlesnake-root	f	S4S5	Secure	
<i>Prenanthes trifoliolata</i>	Three-Leaved Rattlesnake-root	r	S5	Secure	
<i>Solidago canadensis</i>	Canada Goldenrod	r	S5	Secure	
<i>Solidago flexicaulis</i>	Broad-Leaved Goldenrod	u	S5	Secure	
<i>Solidago macrophylla</i>	Large-Leaf Goldenrod	f	S4	Secure	
<i>Solidago puberula</i>	Downy Goldenrod	r	S5	Secure	
<i>Solidago rugosa</i>	Rough-Leaf Goldenrod	c	S5	Secure	
<i>Solidago uliginosa</i>	Bog Goldenrod	r	S5	Secure	
<i>Symphyotrichum cordifolium</i>	Heart-Leaf Aster	r	S4S5	Secure	
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	u	S5	Secure	
<i>Symphyotrichum puniceum</i>	Swamp Aster	r	S5	Secure	

Species / Family Name	Family / Species Common Name	Site Status	NS S-rank	NS General Status Rank	Note
<i>Taraxacum officinale</i>	Common Dandelion	u	SE	Exotic	
<i>Tussilago farfara</i>	Colt's Foot	r	SE	Exotic	
ARACEAE	Arum Family				
<i>Arisaema triphyllum</i>	Swamp Jack-In-The-Pulpit	u	S4S5	Secure	
JUNCACEAE	Rush Family				
<i>Juncus effusus</i>	Soft Rush	u	S5	Secure	
<i>Juncus tenuis</i>	Slender Rush	u	S5	Secure	
<i>Luzula multiflora</i>	Common Woodrush	r	S5	Secure	
CYPERACEAE	Sedge Family				
<i>Carex arctata</i>	Black Sedge	f	S5	Secure	
<i>Carex brunnescens</i> ssp. <i>sphaerostachya</i>	Brownish Sedge	c	S5	Secure	
<i>Carex canescens</i>	Hoary Sedge	r	S5	Secure	
<i>Carex communis</i>	Fibrous-Root Sedge	c	S5	Secure	
<i>Carex debilis</i>	White-Edge Sedge	u	S5	Secure	
<i>Carex deweyana</i>	Short-Scale Sedge	f	S4	Secure	
<i>Carex gracillima</i>	Graceful Sedge	r	S4S5	Secure	
<i>Carex gynandra</i>	A Sedge	c	S5	Secure	
<i>Carex intumescens</i>	Bladder Sedge	u	S5	Secure	
<i>Carex lenticularis</i>	Shore Sedge	r	S4	Secure	
<i>Carex leptalea</i>	Bristly-Stalk Sedge	u	S5	Secure	
<i>Carex leptoneuria</i>	Finely-Nerved Sedge	c	S5	Secure	
<i>Carex novae-angliae</i>	New England Sedge	c	S5	Secure	
<i>Carex scabrata</i>	Rough Sedge	u	S5	Secure	
<i>Carex scoparia</i>	Pointed Broom Sedge	r	S5	Secure	
<i>Carex stipata</i>	Stalk-Grain Sedge	u	S5	Secure	
<i>Eleocharis acicularis</i>	Least Spike-Rush	r	S5	Secure	
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	c	S5	Secure	
<i>Scirpus hattorianus</i>	Bulrush	f	S5	Secure	
<i>Scirpus microcarpus</i>	Small-Fruit Bulrush	r	S5	Secure	
POACEAE	Grass Family				
<i>Agrostis capillaris</i>	Colonial Bentgrass	r	SE	Exotic	
<i>Agrostis scabra</i>	Rough Bentgrass	u	S5	Secure	
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	r	SE	Exotic	
<i>Brachyelytrum septentrionale</i>	Bearded Short-Husk	r	S4S5	Secure	
<i>Bromus ciliatus</i>	Fringed Brome	r	S4S5	Secure	
<i>Calamagrostis canadensis</i>	Blue-Joint Reedgrass	r	S5	Secure	
<i>Cinna latifolia</i>	Slender Wood Reedgrass	c	S5	Secure	
<i>Danthonia spicata</i>	Poverty Oat-Grass	c	S5	Secure	
<i>Dichanthelium acuminatum</i>	Panic Grass	f	S5	Secure	
<i>Dichanthelium boreale</i>	Northern Witchgrass	r	S5	Secure	
<i>Festuca filiformis</i>	Hair Fescue	r	SE	Exotic	
<i>Glyceria borealis</i>	Small Floating Manna-Grass	r	S5	Secure	
<i>Glyceria laxa</i>	Northern Mannagrass	u	S4?	Secure	
<i>Glyceria melicaria</i>	Slender Manna Grass	f	S4	Secure	
<i>Glyceria striata</i>	Fowl Manna-Grass	c	S5	Secure	
<i>Poa alsodes</i>	Grove Meadow Grass	r	S4	Secure	
<i>Poa compressa</i>	Canada Bluegrass	u	SE	Exotic	
<i>Poa saltuensis</i>	Drooping Bluegrass	u	S4S5	Secure	
SPARGANIACEAE	Bur-Reed Family				
<i>Sparganium</i> sp.	Bur-Reed sp.	r			
LILIACEAE	Lily Family				

Species / Family Name	Family / Species Common Name	Site Status	NS S- rank	NS General Status Rank	Note
<i>Clintonia borealis</i>	Clinton Lily	c	S5	Secure	
<i>Erythronium americanum</i>	Yellow Trout-Lily	c	S4S5	Secure	
<i>Maianthemum canadense</i>	Wild Lily-of-The-Valley	c	S5	Secure	
<i>Maianthemum racemosum</i>	Solomon's-Plume	f	S4S5	Secure	
<i>Medeola virginiana</i>	Indian Cucumber-Root	r	S5	Secure	
<i>Polygonatum pubescens</i>	Downy Solomon's-Seal	c	S4S5	Secure	
<i>Streptopus amplexifolius</i>	Clasping Twisted-Stalk	u	S4S5	Secure	
<i>Streptopus lanceolatus</i>	Rosy Twistedstalk	c	S5	Secure	
<i>Trillium cernuum</i>	Nodding Trillium	f	S4	Secure	
<i>Trillium undulatum</i>	Painted Trillium	r	S5	Secure	
ORCHIDACEAE	Orchid Family				
<i>Platanthera clavellata</i>	Small Green Woodland Orchid	r	S5	Secure	
<i>Platanthera</i> sp.	Orchis sp. - <i>Platanthera</i> <i>hyperborea</i> group	r			likely <i>P. aquilonis</i> , <i>huronensis</i> or <i>dilatata</i>

Vascular Plants Recorded in the Study Area with Abundance Estimates and Provincial Status Ranks

Site Status codes and provincial S-ranks are defined above.

Taxonomy follows Kartesz (1999) – *Synthesis of the North American Flora*, CD-ROM.

<i>Species / Family Name</i>	<i>Family / Species Common Name</i>	<i>Site Status</i>	<i>NS S-rank</i>	<i>NS General Status Rank</i>	<i>Note</i>
LYCOPODIACEAE	Clubmoss Family				
<i>Huperzia lucidula</i>	Shining Fir-Clubmoss	c	S5	Secure	
<i>Lycopodium annotinum</i>	Stiff Clubmoss	r	S5	Secure	
<i>Lycopodium clavatum</i>	Running Pine	r	S5	Secure	
<i>Lycopodium dendroideum</i>	Treelike Clubmoss	u	S4?	Secure	
<i>Lycopodium digitatum</i>	Fan Club-Moss	r	S5	Secure	
<i>Lycopodium obscurum</i>	Tree Clubmoss	r	S5	Secure	
EQUISETACEAE	Horsetail Family				
<i>Equisetum arvense</i>	Field Horsetail	r	S5	Secure	
<i>Equisetum sylvaticum</i>	Woodland Horsetail	r	S5	Secure	
OSMUNDACEAE	Flowering-Fern Family				
<i>Osmunda cinnamomea</i>	Cinnamon Fern	f	S5	Secure	
<i>Osmunda claytoniana</i>	Interrupted Fern	f	S5	Secure	
POLYPODIACEAE	Polypody Family				
<i>Polypodium virginianum</i>	Rock Polypody	r	S5	Secure	
DENNSTAEDTIACEAE	Hay-Scented Fern Family				
<i>Dennstaedtia punctilobula</i>	Eastern Hay-Scented Fern	c	S5	Secure	
<i>Pteridium aquilinum var. latiusculum</i>	Bracken Fern	u	S5	Secure	
THELYPTERIDACEAE	Marsh-Fern Family				
<i>Phegopteris connectilis</i>	Northern Beech Fern	c	S5	Secure	
<i>Thelypteris noveboracensis</i>	New York Fern	c	S5	Secure	
DRYOPTERIDACEAE	Wood-Fern Family				
<i>Athyrium filix-femina</i>	Lady-Fern	c	S5	Secure	
<i>Deparia acrostichoides</i>	Silvery Spleenwort	f	S4	Secure	
<i>Dryopteris campyloptera</i>	Mountain Woodfern	C	S5	Secure	
<i>Dryopteris intermedia</i>	Evergreen Woodfern	r	S5	Secure	

<i>Species / Family Name</i>	<i>Family / Species Common Name</i>	<i>Site Status</i>	<i>NS S- rank</i>	<i>NS General Status Rank</i>	<i>Note</i>
<i>Gymnocarpium dryopteris</i>	Northern Oak Fern	r	S5	Secure	
<i>Matteuccia struthiopteris</i>	Ostrich Fern	u	S5	Secure	
<i>Onoclea sensibilis</i>	Sensitive Fern	f	S5	Secure	
<i>Polystichum acrostichoides</i>	Christmas Fern	r	S5	Secure	
<i>Polystichum braunii</i>	Braun's Holly-Fern	r	S3S4	Secure	
PINACEAE	Pine Family				
<i>Abies balsamea</i>	Balsam Fir	c	S5	Secure	
<i>Larix kaempferi</i>	Japanese Larch	f	[SE]	[Exotic]	strictly planted - ID uncertain vs. <i>Larix decidua</i> or other exotic species
<i>Picea glauca</i>	White Spruce	c	S5	Secure	
<i>Picea rubens</i>	Red Spruce	c	S5	Secure	
RANUNCULACEAE	Buttercup Family				
<i>Actaea rubra</i>	Red Baneberry	r	S5	Secure	
<i>Coptis trifolia</i>	Goldthread	r	S5	Secure	
<i>Ranunculus abortivus</i>	Kidney-Leaved Buttercup	r	S4S5	Secure	
<i>Ranunculus acris</i>	Tall Butter-Cup	r	SE	Exotic	
<i>Ranunculus recurvatus</i>	Hooked Crowfoot	r	S4	Secure	
<i>Ranunculus repens</i>	Creeping Butter-Cup	r	SE	Exotic	
<i>Thalictrum pubescens</i>	Tall Meadow-Rue	u	S5	Secure	
FUMARIACEAE	Fumitory Family				
<i>Dicentra cucullaria</i>	Dutchman's Breeches	f	S4	Secure	
FAGACEAE	Beech Family				
<i>Fagus grandifolia</i>	American Beech	c	S5	Secure	
BETULACEAE	Birch Family				
<i>Betula alleghaniensis</i>	Yellow Birch	c	S5	Secure	
<i>Betula papyrifera</i> var. <i>cordifolia</i>	Heart-Leaved Paper Birch	r	S5	Secure	
<i>Betula populifolia</i>	Gray Birch	f	S5	Secure	
<i>Corylus cornuta</i>	Beaked Hazelnut	c	S5	Secure	
PORTULACACEAE	Purslane Family				
<i>Claytonia caroliniana</i>	Carolina Spring-Beauty	c	S4	Secure	
POLYGONACEAE	Smartweed Family				
<i>Polygonum cilinode</i>	Fringed Black Bindweed	u	S5	Secure	

<i>Species / Family Name</i>	<i>Family / Species Common Name</i>	<i>Site Status</i>	<i>NS S- rank</i>	<i>NS General Status Rank</i>	<i>Note</i>
<i>Polygonum hydropiper</i>	Marshpepper Smartweed	r	SE	Exotic	
<i>Polygonum sagittatum</i>	Arrow-Leaved Tearthumb	r	S5	Secure	
<i>Rumex acetosella</i>	Sheep Sorrel	r	SE	Exotic	
<i>Rumex crispus</i>	Curly Dock	r	SE	Exotic	
<i>Rumex obtusifolius</i>	Bitter Dock	r	SE	Exotic	
CLUSIACEAE	St. John's-wort Family				
<i>Hypericum mutilum</i>	Slender St. John's- Wort	r	S4S5	Secure	ID is in the broad sense, including <i>H. borealis</i>
DROSERACEAE	Sundew Family				
<i>Drosera rotundifolia</i>	Round-Leaved Sundew	r	S5	Secure	
VIOLACEAE	Violet Family				
<i>Viola blanda</i>	Downy White Violet	C	S5	Secure	
<i>Viola cucullata</i>	Marsh Blue Violet	c	S5	Secure	
<i>Viola macloskeyi ssp. pallens</i>	Smooth White Violet	r	S5	Secure	
<i>Viola pubescens</i>	Downy Yellow Violet	r	S4	Secure	
<i>Viola sororia</i>	Woolly Blue Violet	r	S5	Secure	
SALICACEAE	Willow Family				
<i>Populus grandidentata</i>	Large-Tooth Aspen	u	S5	Secure	
<i>Populus tremuloides</i>	Quaking Aspen	f	S5	Secure	
<i>Salix bebbiana</i>	Bebb's Willow	f	S5	Secure	
<i>Salix discolor</i>	Pussy Willow	u	S5	Secure	
<i>Salix eriocephala</i>	Heart-Leaved Willow	r	S5	Secure	
<i>Salix humilis</i>	Prairie Willow	r	S5	Secure	
<i>Salix pyrifolia</i>	Balsam Willow	r	S5	Secure	
BRASSICACEAE	Mustard Family				
<i>Cardamine diphylla</i>	Two-Leaf Toothwort	u	S4	Secure	
<i>Cardamine pensylvanica</i>	Pennsylvania Bitter-Cress	r	S5	Secure	
ERICACEAE	Heath Family				
<i>Gaultheria hispidula</i>	Creeping Snowberry	r	S5	Secure	
<i>Kalmia angustifolia</i>	Sheep-Laurel	r	S5	Secure	

<i>Species / Family Name</i>	<i>Family / Species Common Name</i>	<i>Site Status</i>	<i>NS S- rank</i>	<i>NS General Status Rank</i>	<i>Note</i>
<i>Rhododendron canadense</i>	Rhodora	r	S5	Secure	
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	u	S5	Secure	
<i>Vaccinium macrocarpon</i>	Large Cranberry	r	S5	Secure	
PYROLACEAE	Pyrola Family				
<i>Pyrola elliptica</i>	Shinleaf	r	S5	Secure	
MONOTROPACEAE	Indian Pipe Family				
<i>Monotropa uniflora</i>	Indian-Pipe	r	S5	Secure	
PRIMULACEAE	Primrose Family				
<i>Lysimachia terrestris</i>	Swamp Loosestrife	r	S5	Secure	
<i>Trientalis borealis</i>	Northern Starflower	f	S5	Secure	
GROSSULARIACEAE	Gooseberry Family				
<i>Ribes glandulosum</i>	Skunk Currant	u	S5	Secure	
<i>Ribes lacustre</i>	Bristly Black Currant	r	S5	Secure	
<i>Ribes triste</i>	Swamp Red Currant	r	S4	Secure	
SAXIFRAGACEAE	Saxifrage Family				
<i>Chrysosplenium americanum</i>	American Golden- Saxifrage	r	S5	Secure	
ROSACEAE	Rose Family				
<i>Agrimonia striata</i>	Woodland Agrimony	r	S5	Secure	
<i>Amelanchier</i> species	Shadbush species	r	S?	Secure	Coppery young foliage; likely <i>A. interior</i> or <i>laevis</i>
<i>Fragaria virginiana</i>	Virginia Strawberry	u	S5	Secure	
<i>Geum laciniatum</i>	Rough Avens	r	S4S5	Secure	ID probable only - infertile plant
<i>Geum macrophyllum</i>	Large-Leaved Avens	r	S5	Secure	
<i>Geum rivale</i>	Purple Avens	r	S5	Secure	
<i>Potentilla norvegica</i> ssp. <i>monspeiliensis</i>	Norwegian Cinquefoil	u	S5	Secure	
<i>Potentilla simplex</i>	Old-Field Cinquefoil	r	S5	Secure	
<i>Prunus pensylvanica</i>	Fire Cherry	r	S5	Secure	
<i>Prunus virginiana</i>	Choke Cherry	u	S5	Secure	

<i>Species / Family Name</i>	<i>Family / Species Common Name</i>	<i>Site Status</i>	<i>NS S- rank</i>	<i>NS General Status Rank</i>	<i>Note</i>
<i>Rosa carolina</i>	Carolina Rose	r	S5	Secure	some characteristics suggested hybridization with <i>R. virginiana</i>
<i>Rubus</i> sp.	Blackberry sp.	u			<i>Rubus setosus</i> or related taxon; low-arching, densely bristly canes - relatively stout & woody
<i>Rubus canadensis</i>	Smooth Blackberry	c	S5	Secure	
<i>Rubus idaeus</i> ssp. <i>strigosus</i>	American Red Raspberry	c	S5	Secure	
<i>Rubus pubescens</i>	Dwarf Red Raspberry	c	S5	Secure	
<i>Sorbus americana</i>	American Mountain-Ash	c	S5	Secure	
<i>Spiraea alba</i> var. <i>latifolia</i>	Northern Meadow-Sweet	r	S5	Secure	
<i>Spiraea tomentosa</i>	Hardhack Spiraea	r	S5	Secure	
FABACEAE	Bean Family				
<i>Vicia cracca</i>	Tufted Vetch	r	SE	Exotic	
ONAGRACEAE	Evening-Primrose Family				
<i>Chamerion angustifolium</i>	Fireweed	c	S5	Secure	
<i>Epilobium ciliatum</i>	Hairy Willow-Herb	r	S5	Secure	
<i>Epilobium palustre</i>	Marsh Willow-Herb	r	S5	Secure	
<i>Oenothera</i> sp.	Evening-Primrose sp.	r	[S5]	[Secure]	<i>O. biennis</i> or <i>parviflora</i>
<i>Oenothera perennis</i>	Small Sundrops	r	S5	Secure	
CORNACEAE	Dogwood Family				
<i>Cornus alternifolia</i>	Alternate-Leaf Dogwood	f	S5	Secure	
<i>Cornus canadensis</i>	Dwarf Dogwood	u	S5	Secure	
ACERACEAE	Maple Family				
<i>Acer pensylvanicum</i>	Striped Maple	c	S5	Secure	
<i>Acer rubrum</i>	Red Maple	c	S5	Secure	
<i>Acer saccharum</i>	Sugar Maple	c	S5	Secure	
<i>Acer spicatum</i>	Mountain Maple	c	S5	Secure	
OXALIDACEAE	Wood-Sorrel Family				

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<i>Oxalis montana</i>	White Wood-Sorrel	c	S5	Secure	
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	r	S5	Secure	
BALSAMINACEAE	Touch-Me-Not Family				
<i>Impatiens capensis</i>	Spotted Jewel-Weed	f	S5	Secure	
ARALIACEAE	Sarsaparilla Family				
<i>Aralia hispida</i>	Bristly Sarsaparilla	r	S5	Secure	
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	c	S5	Secure	
<i>Panax trifolius</i>	Dwarf Ginseng	c	S3	Secure	
APIACEAE	Carrot Family				
<i>Cicuta maculata</i>	Spotted Water-Hemlock	r	S5	Secure	
<i>Hydrocotyle americana</i>	American Water-Pennywort	r	S5	Secure	
<i>Osmorhiza claytonii</i>	Hairy Sweet-Cicely	r	S4S5	Secure	
LAMIACEAE	Mint Family				
<i>Lycopus uniflorus</i>	Northern Bugleweed	u	S5	Secure	
<i>Prunella vulgaris</i>	Self-Heal	r	S5	Secure	
<i>Scutellaria lateriflora</i>	Mad Dog Skullcap	r	S5	Secure	
PLANTAGINACEAE	Plantain Family				
<i>Plantago major</i>	Nipple-Seed Plantain	r	SE	Exotic	
OLEACEAE	Olive Family				
<i>Fraxinus americana</i>	White Ash	r	S5	Secure	
SCROPHULARIACEAE	Snapdragon Family				
<i>Chelone glabra</i>	White Turtlehead	r	S5	Secure	
<i>Veronica americana</i>	American Speedwell	r	S5	Secure	
<i>Veronica officinalis</i>	Gypsy-Weed	r	S5SE	Exotic	
RUBIACEAE	Bedstraw Family				
<i>Galium</i> sp.	Bedstraw sp.	r	[S5]	[Secure]	<i>G. palustre</i> or <i>G. trifidum</i>
<i>Galium asprellum</i>	Rough Bedstraw	u	S5	Secure	
<i>Galium triflorum</i>	Sweet-Scent Bedstraw	u	S5	Secure	
<i>Mitchella repens</i>	Partridge-Berry	u	S5	Secure	
CAPRIFOLIACEAE	Honeysuckle Family				

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<i>Diervilla lonicera</i>	Northern Bush- Honeysuckle	u	S5	Secure	
<i>Linnaea borealis</i>	Twinflower	r	S5	Secure	
<i>Lonicera canadensis</i>	American Fly- Honeysuckle	c	S5	Secure	
<i>Sambucus racemosa</i>	Red Elderberry	c	S5	Secure	
<i>Viburnum lantanoides</i>	Alderleaf Viburnum	c	S5	Secure	
ASTERACEAE	Aster Family				
<i>Achillea millefolium</i>	Common Yarrow	r	S5	Secure	
<i>Anaphalis margaritacea</i>	Pearly Everlasting	f	S5	Secure	
<i>Antennaria howellii</i>	Small Pussy-Toes	r	S5	Secure	ID probable only
<i>Cirsium arvense</i>	Creeping Thistle	r	SE	Exotic	
<i>Cirsium vulgare</i>	Bull Thistle	r	SE	Exotic	
<i>Doellingeria umbellata</i>	Parasol White-Top	c	S5	Secure	
<i>Erigeron strigosus</i>	Daisy Fleabane	u	S5	Secure	
<i>Eupatorium maculatum</i>	Spotted Joe-Pye Weed	r	S5	Secure	
<i>Eupatorium perfoliatum</i>	Common Boneset	r	S5	Secure	
<i>Eurybia macrophylla</i>	Large-Leaf Wood- Aster	r	S5	Secure	
<i>Euthamia graminifolia</i>	Flat-Top Fragrant- Golden-Rod	f	S5	Secure	
<i>Hieracium x floribundum</i>	Smoothish Hawkweed	u	SE	Exotic	
<i>Hieracium</i> sp.	Hawkweed sp. - white leaf underside	r	[SE]	[Exotic]	<i>not in flower - H. pilosella or x flagellare</i>
<i>Hieracium</i> sp.	Hawkweed sp. - Field or Orange	r	[SE]	[Exotic]	<i>not in flower - H. caespitosum or aurantiacum</i>
<i>Hieracium lachenalii</i>	Common Hawkweed	r	SE	Exotic	
<i>Hieracium scabrum</i>	Rough Hawkweed	r	S5	Secure	
<i>Lactuca biennis</i>	Tall Blue Lettuce	u	S5	Secure	
<i>Lactuca canadensis</i>	Canada Lettuce	r	S5	Secure	
<i>Leontodon autumnalis</i>	Autumn Hawkbit	r	SE	Exotic	
<i>Leucanthemum vulgare</i>	Oxeye Daisy	r	SE	Exotic	
<i>Matricaria discoidea</i>	Pineapple-Weed Chamomile	r	SE	Exotic	
<i>Oclemena acuminata</i>	Whorled Aster	c	S5	Secure	
<i>Prenanthes altissima</i>	Tall Rattlesnake- root	f	S4S5	Secure	
<i>Prenanthes trifoliolata</i>	Three-Leaved Rattlesnake-root	r	S5	Secure	

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<i>Solidago canadensis</i>	Canada Goldenrod	r	S5	Secure	
<i>Solidago flexicaulis</i>	Broad-Leaved Goldenrod	u	S5	Secure	
<i>Solidago macrophylla</i>	Large-Leaf Goldenrod	f	S4	Secure	
<i>Solidago puberula</i>	Downy Goldenrod	r	S5	Secure	
<i>Solidago rugosa</i>	Rough-Leaf Goldenrod	c	S5	Secure	
<i>Solidago uliginosa</i>	Bog Goldenrod	r	S5	Secure	
<i>Symphotrichum cordifolium</i>	Heart-Leaf Aster	r	S4S5	Secure	
<i>Symphotrichum lateriflorum</i>	Farewell-Summer	u	S5	Secure	
<i>Symphotrichum puniceum</i>	Swamp Aster	r	S5	Secure	
<i>Taraxacum officinale</i>	Common Dandelion	u	SE	Exotic	
<i>Tussilago farfara</i>	Colt's Foot	r	SE	Exotic	
ARACEAE	Arum Family				
<i>Arisaema triphyllum</i>	Swamp Jack-In- The-Pulpit	u	S4S5	Secure	
JUNCACEAE	Rush Family				
<i>Juncus effusus</i>	Soft Rush	u	S5	Secure	
<i>Juncus tenuis</i>	Slender Rush	u	S5	Secure	
<i>Luzula multiflora</i>	Common Woodrush	r	S5	Secure	
CYPERACEAE	Sedge Family				
<i>Carex arctata</i>	Black Sedge	f	S5	Secure	
<i>Carex brunnescens ssp. sphaerostachya</i>	Brownish Sedge	c	S5	Secure	
<i>Carex canescens</i>	Hoary Sedge	r	S5	Secure	
<i>Carex communis</i>	Fibrous-Root Sedge	c	S5	Secure	
<i>Carex debilis</i>	White-Edge Sedge	u	S5	Secure	
<i>Carex deweyana</i>	Short-Scale Sedge	f	S4	Secure	
<i>Carex gracillima</i>	Graceful Sedge	r	S4S5	Secure	
<i>Carex gynandra</i>	A Sedge	c	S5	Secure	
<i>Carex intumescens</i>	Bladder Sedge	u	S5	Secure	
<i>Carex lenticularis</i>	Shore Sedge	r	S4	Secure	
<i>Carex leptalea</i>	Bristly-Stalk Sedge	u	S5	Secure	
<i>Carex leptonevia</i>	Finely-Nerved Sedge	c	S5	Secure	
<i>Carex novae-angliae</i>	New England Sedge	c	S5	Secure	

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<i>Carex scabrata</i>	Rough Sedge	u	S5	Secure	
<i>Carex scoparia</i>	Pointed Broom Sedge	r	S5	Secure	
<i>Carex stipata</i>	Stalk-Grain Sedge	u	S5	Secure	
<i>Eleocharis acicularis</i>	Least Spike-Rush	r	S5	Secure	
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	c	S5	Secure	
<i>Scirpus hattorianus</i>	Bulrush	f	S5	Secure	
<i>Scirpus microcarpus</i>	Small-Fruit Bulrush	r	S5	Secure	
POACEAE	Grass Family				
<i>Agrostis capillaris</i>	Colonial Bentgrass	r	SE	Exotic	
<i>Agrostis scabra</i>	Rough Bentgrass	u	S5	Secure	
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	r	SE	Exotic	
<i>Brachyelytrum septentrionale</i>	Bearded Short- Husk	r	S4S5	Secure	
<i>Bromus ciliatus</i>	Fringed Brome	r	S4S5	Secure	
<i>Calamagrostis canadensis</i>	Blue-Joint Reedgrass	r	S5	Secure	
<i>Cinna latifolia</i>	Slender Wood Reedgrass	c	S5	Secure	
<i>Danthonia spicata</i>	Poverty Oat-Grass	c	S5	Secure	
<i>Dichanthelium acuminatum</i>	Panic Grass	f	S5	Secure	
<i>Dichanthelium boreale</i>	Northern Witchgrass	r	S5	Secure	
<i>Festuca filiformis</i>	Hair Fescue	r	SE	Exotic	
<i>Glyceria borealis</i>	Small Floating Manna-Grass	r	S5	Secure	
<i>Glyceria laxa</i>	Northern Mannagrass	u	S4?	Secure	
<i>Glyceria melicaria</i>	Slender Manna Grass	f	S4	Secure	
<i>Glyceria striata</i>	Fowl Manna-Grass	c	S5	Secure	
<i>Poa alsodes</i>	Grove Meadow Grass	r	S4	Secure	
<i>Poa compressa</i>	Canada Bluegrass	u	SE	Exotic	
<i>Poa saltuensis</i>	Drooping Bluegrass	u	S4S5	Secure	
SPARGANIACEAE	Bur-Reed Family				
<i>Sparganium</i> sp.	Bur-Reed sp.	r			
LILIACEAE	Lily Family				
<i>Clintonia borealis</i>	Clinton Lily	c	S5	Secure	
<i>Erythronium americanum</i>	Yellow Trout-Lily	c	S4S5	Secure	

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<i>Maianthemum canadense</i>	Wild Lily-of-The-Valley	c	S5	Secure	
<i>Maianthemum racemosum</i>	Solomon's-Plume	f	S4S5	Secure	
<i>Medeola virginiana</i>	Indian Cucumber-Root	r	S5	Secure	
<i>Polygonatum pubescens</i>	Downy Solomon's-Seal	c	S4S5	Secure	
<i>Streptopus amplexifolius</i>	Clasping Twisted-Stalk	u	S4S5	Secure	
<i>Streptopus lanceolatus</i>	Rosy Twistedstalk	c	S5	Secure	
<i>Trillium cernuum</i>	Nodding Trillium	f	S4	Secure	
<i>Trillium undulatum</i>	Painted Trillium	r	S5	Secure	
ORCHIDACEAE	Orchid Family				
<i>Platanthera clavellata</i>	Small Green Woodland Orchid	r	S5	Secure	
<i>Platanthera</i> sp.	Orchis sp. - <i>Platanthera hyperborea</i> group	r			likely <i>P. aquilonis</i> , <i>huronensis</i> or <i>dilatata</i>