

Appendix B

Below is the plant community found at each sample site within the North Coastal watershed. All plant nomenclature is in accordance with: USDA, NRCS. 2015. The PLANTS Database, National Plant Data Team, Greensboro, NC 27401-4901 USA (<http://plants.usda.gov>). Abundance is based on a tally of plant species encountered along defined transects as described in Section 3.1 *Site Analysis Procedure*. Plants identified as invasive plant species in “*The Evaluation of Non-Native Plant Species for Invasiveness in Massachusetts*”, Massachusetts Invasive Plant Advisory Group, February 28, 2005 (<http://www.mass.gov/eea/docs/dfg/nhesp/land-protection-and-management/invasive-plant-list.pdf>) are highlighted in yellow and presented in italic font.

Site 1

genus	species	abundance	genus	species	abundance
Acer	rubrum	100	Onoclea	sensibilis	4
<i>Frangula</i>	<i>alnus</i>	91	Arisaema	triphyllum	1
Osmunda	regalis	3	Circaea	lutetiana	5
Ulmus	americana	5	Prunus	serotina	1
Toxicodendron	radicans	45	Symplocarpus	foetidus	1
<i>Rosa</i>	<i>multiflora</i>	9	Dryopteris	carthusiana	1
Thelypteris	simulata	4	Maianthemum	canadense	1
Quercus	rubra	4	Cinna		1
Agrostis		43	Carex		1
Impatiens	capensis	3	Carex	stricta	1
Parthenocissus	quinquefolia	17	Carex	folliculata	1
Lindera	benzoin	2	Dichanthelium	clandestinum	1
Solidago	rugosa	1	Geum	aleppicum	1
Rubus	hispidus	8			

Site 2

genus	species	abundance	genus	species	abundance
Acer	rubrum	48	Polygonum	arifolium	3
Osmunda	cinnamomea	55	lindera	benzoin	3
Betula	alleghaniensis	68	Galium	asprellum	1
Symplocarpus	foetidus	24	Boehmeria	cylindrica	1
Thelypteris	palustris	2	Geum	canadense	1
Clethra	alnifolia	32	Carex		1
Symphotrichum	puniceum	8	Carex	scoparia	1
cinna		6	Carex	intumescens	1

Vaccinium	corymbosum	6	Carex	crinita	1
Lycopus	uniflorus	4	Scutellaria	lateriflora	1
Impatiens	capensis	14	Toxicodendron	radicans	1
Solidago	gigantea	2	Arisaema	triphillum	1
Solidago	rugosa	1	Ilex	verticillata	1
Onoclea	sensibilis	8	Lyonia	ligustrina	1
Parthenocissus	quinquefolia	2	Rubus	hispidus	1
Frangula	alnus	6	Mitchella	repens	1
Pinus	strobus	27	Coptis	trifolia	1
Dryopteris	carthusiana	3	Trientalis	borealis	1
Bidens	frondosa	11	Rosa	multiflora	1
Maianthemum	canadense	13	Viburnum	dentatum	1
Aralia	nudicaulis	3	Quercus	rubra	1
Oclemena	acuminata	2	Glyceria		1

Site 3

genus	species	abundance	genus	species	abundance
Acer	saccharinum	29	Dennstaedtia	punctilobula	2
Acer	rubrum	65	Onoclea	sensibilis	3
Acer	platanoides	1	Solanum	dulcamara	1
Ulmus	americana	8	Maianthemum	canadense	1
Thelypteris	palustris	31	Taxus	baccata	1
Bidens	frondosa	14	Prunus	serotina	1
Fraxinus	americana	1	Arisaema	triphillum	1
Fraxinus	pennsylvanica	7	Carex	stricta	1
Boehmeria	cylindrica	19	Amelanchier	arborea	1
Quercus	bicolor	1	Symplocarpus	foetidus	1
Frangula	alnus	35	Dryopteris	carthusiana	1
Impatiens	capensis	13	Pinus	strobus	1
Toxicodendron	radicans	24	Polygonum	hydropiper	1
Parthenocissus	quinquefolia	7	Osmunda	regalis	1
Viburnum	lentago	1			

Site 4

genus	species	abundance	genus	species	abundance
Symplocarpus	foetidus	81	Ilex	verticillata	1
Acer	rubrum	74	Solidago	rugosa	1
Onoclea	sensibilis	51	Solidago	gigantea	1
Impatiens	capensis	36	Polygonum	sagittatum	1
Oxalis	stricta	2	Arisaema	triphillum	1

Boehmeria	cylindrica	16	Athyrium	filix-femina	1
Poa	palustris	4	Pilea	pumila	1
Galium	aparine	2	Osmunda	regalis	1
Cornus	amomum	3	Mimulus	ringens	1
Toxicodendron	radicans	7	<i>Alliaria</i>	<i>petiolata</i>	1
Alnus	serrulata	3	Glyceria	striata	1
Alnus	incana	1	Lindera	benzoin	1
Carex	stricta	1	<i>Lysimachia</i>	<i>nummularia</i>	1
Carex	crinita	16	<i>Iris</i>	<i>pseudacorus</i>	1
Viburnum	lentago	5	<i>Celastrus</i>	<i>orbiculatus</i>	1
Viburnum	dentatum	1	Rumex	crispus	1
Parthenocissus	quinquefolia	3	Urtica	dioica	1
Thalictrum	pubescens	1	Sambucus	canadensis	1

Site 5

genus	species	abundance	genus	species	abundance
Acer	rubrum	100	Ilex	verticillata	1
<i>Frangula</i>	<i>alnus</i>	21	Viburnum	dentatum	1
<i>Rosa</i>	<i>multiflora</i>	22	Osmunda	regalis	1
Symplocarpus	foetidus	18	Osmunda	claytoniana	1
Equisetum	pratense	5	Carex	crinita	1
Onoclea	sensibilis	16	Carex	folliculata	1
Iris		1	Carex	stricta	1
Ulmus	americana	7	Thalictrum	pubescens	1
Arisaema	triphyllum	12	<i>Polygonum</i>	<i>cuspidatum</i>	1
Lonicera	xylostium	38	Bidens	frondosa	1
Impatiens	capensis	6	<i>Alliaria</i>	<i>petiolata</i>	1
Toxicodendron	radicans	25	Dryopteris	carthusiana	1
<i>Celastrus</i>	<i>orbiculatus</i>	3	<i>Lysimachia</i>	<i>nummularia</i>	1
Populus	deltoides	6	Pinus	strobus	1
Geum	canadense	1	Vaccinium	corymbosum	1
Circaea	lutetiana	5	Fraxinus	pennsylvanica	1
Vitis	labrusca	1			

Site 6

genus	species	abundance	genus	species	abundance
Acer	rubrum	85	Bidens	connata	3
Clethra	alnifolia	55	Solanum	dulcamara	1
Vaccinium	corymbosum	59	Carex	crinita	1
Osmunda	cinnamomea	4	Quercus	bicolor	1

Ilex	verticillata	7	Glyceria	grandis	1
Maianthemum	canadense	1	Dryopteris	carthusiana	1
Cicuta	bulbifera	3	Galium	palustre	1
Onoclea	sensibilis	2	Alnus	serrulata	1
Rhododendron	viscosum	4	Smilax	rotundifolia	1
Lycopus	uniflorus	3			

Site 7

genus	species	abundance	genus	species	abundance
Acer	rubrum	96	parthenocissus	quinquefolia	2
Symplocarpus	foetidus	34	Rubus	hispidus	2
Frangula	alnus	61	Malus		1
Maianthemum	canadense	44	carex	intumescens	1
carex		1	Viburnum	dentatum	1
carex	stricta	2	Mitchella	repens	1
carex	folliculata	1	Quercus	rubra	1
Osmunda	cinnamomea	51	Clethra	alnifolia	1
Bidens	frondosa	1	Rhododendron	viscosum	1
Toxicodendron	radicans	26	Arisaema	triphyllum	1
Toxicodendron	vernix	16	Dryopteris	cristata	1
Vaccinium	corymbosum	11	Dryopteris	carthusiana	1
Pinus	strobis	5	Aralia	nudicaulis	1
Thelypteris	palustris	3	Rosa	multiflora	1
Ilex	verticillata	3	Glyceria		1
Ulmus	americana	5			

Site 8

genus	species	abundance	genus	species	abundance
Acer	rubrum	98	Parthenocissus	quinquefolia	5
Acer	saccharum	1	Circaea	lutetiana	6
Ilex	verticillata	32	Onoclea	sensibilis	4
Mitchella	repens	3	Prunus	serotina	5
Fraxinus	pennsylvanica	10	Geranium	maculatum	1
Maianthemum	canadense	20	Carex	pennsylvanica	1
Lysimachia	ciliata	1	Rosa	multiflora	1
Arisaema	triphyllum	14	Uvularia	sessilifolia	1
Pinus	strobis	3	Viburnum	dentatum	1
Aralia	nudicaulis	1	Solidago	rugosa	1
Ulmus	americana	8	Oxalis	stricta	1
Toxicodendron	radicans	16	Lycopus	uniflorus	1

Osmunda	cinnamomea	1	Celastrus	orbiculatus	1
Trientalis	borealis	1	Berberis	thunbergii	1
Carya	ovata	2	Lonicera	xylosteum	1
impatiens	capensis	39	Thalictrum	pubescens	1
Frangula	alnus	31	Viola		1

Site 9

genus	species	abundance	genus	species	abundance
Acer	rubrum	89	Prunus	serotina	2
Onoclea	sensibilis	15	Impatiens	capensis	8
Symplocarpus	foetidus	92	Phragmites	australis	13
Toxicodendron	radicans	24	Alnus	serrulata	5
Toxicodendron	vernix	3	Osmunda	regalis	1
Ilex	verticillata	18	Rhamnus	cathartica	1
Maianthemum	canadense	7	Malus		1
Fraxinus	pennsylvanica	27	Thelypteris	palustris	1
Viburnum	dentatum	16	Cornus	amomum	1
Lindera	benzoin	5	Solanum	dulcamara	1
Ulmus	americana	3	Dryopteris	carthusiana	1
Parthenocissus	quinquefolia	9	Geum	laciniatum	1
Frangula	alnus	25	Carex		1

Site 10

genus	species	abundance	genus	species	abundance
Acer	rubrum	91	Pinus	strobus	12
Frangula	alnus	55	Cornus	amomum	1
Maianthemum	canadense	17	Circaea	lutetiana	1
Osmunda	cinnamomea	14	Dryopteris	carthusiana	2
Osmunda	regalis	6	Alnus	serrulata	1
Thalictrum	pubescens	1	Salix	discolor	1
Solidago	rugosa	1	Thelypteris	palustris	3
Solidago	gigantea	1	Parthenocissus	quinquefolia	4
Fraxinus	pennsylvanica	12	Lemna	minor	1
Symplocarpus	foetidus	23	Sambucus	canadensis	1
Athyrium	filix-femina	1	Poa	palustris	1
Ilex	verticillata	9	Smilax	herbacea	1
Calamagrostis	canadensis	10	Viburnum	lentago	1
Rosa	multiflora	7	Viburnum	dentatum	1
Ulmus	americana	3	Scutellaria	lateriflora	1
Onoclea	sensibilis	9	Lythrum	salicaria	1

Rubus	hispidus	7	Lycopus	uniflorus	1
Galium	palustre	2	Celastrus	orbiculatus	1
Carex	intumescens	6	Corylus	americana	1
				novae-	
Carex	stricta	3	Vitis	angliae	1
Carex	stipata	1	Spiraea	alba	1
Carex	scoparia	1	Impatiens	capensis	1
Carex	crinita	1	Arisaema	triphillum	1
Toxicodendron	radicans	6	Bidens	frondosa	1
Lonicera	xylosteum	2	Boehmeria	cylindrica	1
Vaccinium	corymbosum	7	Lysimachia	terrestris	1
Malus		2	Trientalis	borealis	1
Rhamnus	alnifolia	2	Cinna	arundinacea	1
Leersia	oryzoides	4	Polygonum	amphibium	1
Quercus	rubra	14	Glyceria	striata	1

Site 11

genus	species	abundance	genus	species	abundance
Acer	rubrum	97	Prunus	serotina	6
frangula	alnus	81	Carex		2
Rubus	hispidus	47	Carex	stricta	1
Maianthemum	canadense	44	Pinus	strobus	4
Dryopteris	intermedia	6	Malus		4
Toxicodendron	radicans	25	Sorbus	americana	1
Trientalis	borealis	16	Osmunda	cinnamomea	1
Parthenocissus	quinquefolia	10			

Site 12

genus	species	abundance	genus	species	abundance
Acer	rubrum	71	Carex		3
Lindera	benzoin	34	Carex	lurida	1
Rubus	hispidus	9	Carex	scoparia	1
Pinus	strobus	5	Athyrium	filix-femina	1
Maianthemum	canadense	5	Berberis	thunbergii	1
Fraxinus	pennsylvanica	21	Sambucus	canadensis	1
Equisetum	pratense	17	Geum	canadense	1
Thelypteris	palustris	3	Celastrus	orbiculatus	1
Ulmus	americana	11	Trientalis	borealis	1
Circaea	lutetiana	3	Toxicodendron	radicans	1
Symplocarpus	foetidus	77	Veratrum	viride	1

Impatiens	capensis	34	Polygonum	sagittatum	1
Symphyotrichum	puniceum	11	Arisaema	triphillum	2
Onoclea	sensibilis	13	Lysimachia	terrestris	1
Poa	palustris	2	Agrostis		1
Poa	pratensis	2	Osmunda	cinnamomea	1
Solidago	rugosa	5	Iris	prismatica	1
Cornus	amomum	7	thalictrum	pubescens	1
Ilex	verticillata	4	Viburnum	dentatum	1
Alnus	serrulata	19	Viburnum	lentago	1
Lonicera	xylosteum	2	Rumex	crispus	1
Ranunculus	repens	3	solanum	dulcamara	1
Galium	aparine	1	Juncus	effusus	1

Site 13

genus	species	abundance	genus	species	abundance
Acer	rubrum	94	Scutellaria	lateriflora	5
Tsuga	canadensis	7	Maianthemum	canadense	1
Symplocarpus	foetidus	59	Trientalis	borealis	1
Ilex	verticillata	75	Carex		1
Vaccinium	corymbosum	12	Carex	lurida	1
Betula	alleghaniensis	24	Carex	folliculata	1
Betula	populifolia	1	Thelypteris	palustris	1
Clethra	alnifolia	30	Coptis	trifolia	1
Onoclea	sensibilis	6	Alnus	serrulata	1
Osmunda	cinnamomea	4	Iris	versicolor	1
Pinus	strobus	10	Lycopus	uniflorus	1
Impatiens	capensis	9	Glyceria	striata	1
Toxicodendron	vernix	6	Lysimachia	terrestris	1

Site 14

genus	species	abundance	genus	species	abundance
Acer	rubrum	98	Carex	stricta	1
Toxicodendron	radicans	45	Dryopteris	carthusiana	1
Parthenocissus	quinquefolia	16	Osmunda	cinnamomea	2
Symplocarpus	foetidus	48	Rhododendron	viscosum	1
<i>Frangula</i>	<i>alnus</i>	56	Solidago	gigantea	1
Impatiens	capensis	23	Solidago	rugosa	1
Fraxinus	pennsylvanica	2	Quercus	rubra	1
Viburnum	dentatum	21	Ulmus	americana	1
Viburnum	lentago	1	Maianthemum	canadense	1

Clethra	alnifolia	3	Sorbus	aucuparia	1
Ilex	verticillata	5	Thelypteris	palustris	1
Glyceria	striata	7	Rubus	hispidus	1
Onoclea	sensibilis	15	Malus		1
Arisaema	triphyllum	3	Taxus	baccata	1
Vaccinium	corymbosum	2	Sambucus	canadensis	1
Carex		3	Rosa	multiflora	1

Site 15

genus	species	abundance	genus	species	abundance
Acer	rubrum	85	Rubus	idaeus	1
Symplocarpus	foetidus	55	Aralia	nudicaulis	1
Impatiens	capensis	28	Pilea	pumila	1
Toxicodendron	vernix	8	Boehmeria	cylindrica	1
Toxicodendron	radicans	6	Thelypteris	palustris	1
Viola		10	Viburnum	dentatum	1
Osmunda	cinnamomea	39	Oclemena	acuminata	1
Pinus	strobus	10	Coptis	trifolia	1
Dryopteris	carthusiana	8	Ilex	verticillata	1
Dryopteris	cristata	1	Vaccinium	corymbosum	1
Fraxinus	pennsylvanica	22	Uvularia	sessilifolia	1
Ulmus	americana	8	Quercus	rubra	1
Frangula	alnus	19	Polygonum	arifolium	1
Onoclea	sensibilis	7	Lyonia	ligustrina	1
Alnus	incana	2	Scutellaria	lateriflora	1
Maianthemum	canadense	5	Symphotrichum	puniceum	1
Ribes	triste	1	Corylus	americana	1
Berberis	thunbergii	1	Bidens	frondosa	1
Geum	canadense	1	Parthenocissus	quinquefolia	1
Lactuca	biennis	1			

Site 16

genus	species	abundance	genus	species	abundance
Acer	rubrum	80	Cornus	amomum	7
Symplocarpus	foetidus	83	Eupatorium	maculatum	3
Frangula	alnus	45	Carex	stricta	3
Osmunda	cinnamomea	1	Carex	crinita	3
Impatiens	capensis	46	Symphotrichum	puniceum	6
Toxicodendron	radicans	8	Vaccinium	corymbosum	3
Maianthemum	canadense	2	Lysimachia	nummularia	3

Viburnum	dentatum	1	Lonicera	xylosteum	2
Viburnum	lentago	1	Celastrus	scandens	3
Alnus	incana	9	Geum	canadense	1
Ilex	verticillata	21	Galium	aparine	1
Ulmus	americana	6	Epilobium	palustre	1
Dryopteris	cristata	3	Rubus	idaeus	1
Rhamnus	cathartica	3	Rubus	hispidus	1
Vitis	labrusca	4	Clematis	virginiana	1
Boehmeria	cylindrica	6	Solidago	gigantea	1

Site 17

genus	species	abundance	genus	species	abundance
Acer	rubrum	100	Osmunda	cinnamomea	2
Clethra	alnifolia	96	Rhododendron	viscosum	1
Symplocarpus	foetidus	58	Lyonia	ligustrina	1
Vaccinium	corymbosum	19	Woodwardia	virginica	1
Pinus	strobus	11	Lycopus	uniflorus	1
Maianthemum	canadense	8			

Site 18

genus	species	abundance	genus	species	abundance
Acer	rubrum	74	Carex	stricta	2
Clethra	alnifolia	69	Pinus	strobus	14
Quercus	bicolor	11	Maianthemum	canadense	1
Quercus	rubra	18	Toxicodendron	radicans	1
Osmunda	cinnamomea	22	Viburnum	dentatum	1
Nyssa	sylvatica	6	Viburnum	lentago	1
Ilex	verticillata	12	Symplocarpus	foetidus	1
Vaccinium	corymbosum	11	Medeola	virginiana	1
Rhododendron	viscosum	14			

Site 19

genus	species	abundance	genus	species	abundance
Acer	rubrum	91	Maianthemum	canadense	1
Symplocarpus	foetidus	75	Pinus	strobus	1
Impatiens	capensis	44	Rhododendron	viscosum	1
Sambucus	canadensis	2	Scutellaria	lateriflora	1
Osmunda	cinnamomea	10	Solanum	dulcamara	1
Osmunda	regalis	8	Glyceria	striata	1

Ilex	verticillata	9	Carex	stricta	1
Clethra	alnifolia	42	Chelone		1
Onoclea	sensibilis	22	Thelypteris	palustris	1
Viburnum	dentatum	16	Solidago	uliginosa	1
Vaccinium	corymbosum	19	Bidens	frondosa	1
Ulmus	americana	5	Ludwigia		1
Frangula	alnus	6	Calamagrostis	canadensis	1
Toxicodendron	vernix	2	Dryopteris	carthusiana	1
Toxicodendron	radicans	1	Polygonum	arifolium	1
Lysimachia	nummularia	1	Symphotrichum	puniceum	1
Quercus	bicolor	1	Glechoma	hederacea	1

Site 20

genus	species	abundance	genus	species	abundance
Acer	rubrum	96	Uvularia	sessilifolia	1
Clethra	alnifolia	57	Solidago	rugosa	1
Osmunda	cinnamomea	47	Pinus	strobus	1
Osmunda	regalis	1	Toxicodendron	radicans	1
Thalictrum	pubescens	1	Toxicodendron	vernix	1
Smilax	rotundifolia	47	Rubus	hispidus	1
Frangula	alnus	2	Quercus	rubra	1
Viola		7	Trientalis	borealis	1
Symplocarpus	foetidus	48	Impatiens	capensis	1
Ilex	verticillata	10	Parthenocissus	quinquefolia	1
Rhododendron	viscosum	2	Thelypteris	palustris	1
Maianthemum	canadense	10	Dryopteris	carthusiana	1
Vaccinium	corymbosum	9	Viburnum	dentatum	1
Ulmus	americana	3	Arisaema	triphillum	1

Site 21

genus	species	abundance	genus	species	abundance
Lindera	benzoin	8	Circaea	lutetiana	1
Alnus	incana	51	Parthenocissus	quinquefolia	1
Carex	stricta	49	Calamagrostis	canadensis	1
Symplocarpus	foetidus	68	Thelypteris	palustris	1
Viburnum	dentatum	5	Polygonum	arifolium	1
Fraxinus	pennsylvanica	6	Thalictrum	pubescens	1
Acer	rubrum	72	Galium	aparine	1
Toxicodendron	radicans	7	Crataegus		1
Ilex	verticillata	26	Arisaema	triphillum	1

Vaccinium	corymbosum	14	Hydrocotyle	americana	1
Rhododendron	viscosum	18	Lycopus	uniflorus	1
Pinus	strobus	2	Iris	versicolor	1
Frangula	alnus	18	Typha	latifolia	1
Impatiens	capensis	15	Sagittaria	latifolia	1
Onoclea	sensibilis	1			

Site 22

genus	species	abundance	genus	species	abundance
Quercus	bicolor	49	Osmunda	cinnamomea	11
Vaccinium	corymbosum	55	Osmunda	regalis	1
Ilex	verticillata	11	Pinus	strobus	5
Clethra	alnifolia	14	Rhododendron	viscosum	2
acer	rubrum	58	Maianthemum	canadense	1

Site 23

genus	species	abundance	genus	species	abundance
Acer	rubrum	96	Solidago	gigantea	6
Clethra	alnifolia	69	Boehmeria	cylindrica	4
Osmunda	cinnamomea	6	Symplocarpus	foetidus	11
Osmunda	regalis	1	Ulmus	americana	2
Maianthemum	canadense	22	Ilex	verticillata	5
Frangula	alnus	15	Viburnum	dentatum	3
Arisaema	triphillum	3	Dryopteris	carthusiana	1
Parthenocissus	quinquefolia	4	Lonicera	xylosteum	1
Carex		1	Rosa	multiflora	1
Carex	intumescens	9	Rhododendron	viscosum	1
Carex	stricta	5	Glyceria	striata	1
Toxicodendron	radicans	22	Rubus	hispidus	1
Toxicodendron	vernix	1	Onoclea	sensibilis	1
Symphyotrichum	puniceum	8	Vaccinium	corymbosum	1
Impatiens	capensis	10	Dennstaedtia	punctilobula	1
Solidago	rugosa	3			

Site 24

genus	species	abundance	genus	species	abundance
Acer	rubrum	86	Trientalis	borealis	1
Symplocarpus	foetidus	56	Corylus	americana	1
Maianthemum	canadense	4	Cinna	arundinacea	1

Ilex	verticillata	24	Galium	aparine	1
Impatiens	capensis	27	Circaea	lutetiana	1
Rubus	hispidus	1	Solidago	rugosa	1
Quercus	rubra	3	Polygonum	sagittatum	1
Coptis	trifolia	1	Polygonum	hydropiperoides	1
Osmunda	cinnamomea	6	Alisma		1
Osmunda	regalis	1	Glyceria	striata	1
Pilea	pumila	24	Uvularia	sessilifolia	1
Senecio	aureus	31	Toxicodendron	radicans	1
Ulmus	americana	14	Onoclea	sensibilis	1
Pinus	strobis	10	Bidens	frondosa	1
Vaccinium	corymbosum	7	Aralia	nudicaulis	1
Lycopodium	obscurum	1	Arisaema	triphillum	1
Dryopteris	carthusiana	4	Fraxinus	pennsylvanica	1
Dryopteris	cristata	1	<i>Frangula</i>	<i>alnus</i>	1
Viola	cucullata	3	<i>Berberis</i>	<i>thunbergii</i>	1

Site 25

genus	species	abundance	genus	species	abundance
Acer	rubrum	83	Boehmeria	cylindrica	1
Ilex	verticillata	36	Arisaema	triphillum	1
Symplocarpus	foetidus	51	Solanum	dulcamara	1
Clethra	alnifolia	11	<i>Lythrum</i>	<i>salicaria</i>	1
Onoclea	sensibilis	1	<i>Lysimachia</i>	<i>nummularia</i>	1
Impatiens	capensis	36	Vaccinium	corymbosum	1
<i>Frangula</i>	<i>alnus</i>	11	Polygonum	arifolium	1
Leersia	oryzoides	19	Thalictrum	pubescens	1
Sparganium	americanum	4	Carex	intumescens	1
Pinus	strobis	2	Carex	crinita	1
Osmunda	cinnamomea	5	Carex	lurida	1
Maianthemum	canadense	4	Galium	aparine	1
Vitis	novae-angliae	15	Sambucus	canadensis	1
Glyceria	striata	5	Lycopus	uniflorus	1
Fraxinus	pennsylvanica	2	Scirpus	cyperinus	1
Quercus	bicolor	5	Sagittaria	latifolia	1
Ulmus	americana	14	Bidens	frondosa	1
Viburnum	dentatum	2	Calamagrostis	canadensis	1
Viburnum	lentago	1	Typha	latifolia	1
Parthenocissus	quinquefolia	2	Alisma	subcordatum	1
Glechoma	hederacea	1			

Site 26

genus	species	abundance	genus	species	abundance
Impatiens	capensis	26	Dryopteris	carthusiana	4
Frangula	alnus	42	Ilex	verticillata	9
Symplocarpus	foetidus	68	cornus	amomum	4
Symphyotrichum	puniceum	9	Toxicodendron	radicans	4
Viburnum	dentatum	9	Alnus	incana	2
Rubus	hispidus	1	Cicuta	maculata	1
Onoclea	sensibilis	17	Rhododendron	viscosum	1
Vitis	labrusca	5	Rosa	multiflora	1
Vaccinium	corymbosum	5	Thalictrum	pubescens	1
Acer	rubrum	70	Corylus	americana	1
Osmunda	cinnamomea	14	Pinus	strobis	1
Osmunda	regalis	2	Calamagrostis	canadensis	1
Parthenocissus	quinquefolia	4	Iris	versicolor	1
Maianthemum	canadense	1	Glyceria	striata	1
Carex		1	Circaea	lutetiana	1
Carex	stricta	14	Aralia	nudicaulis	1
Carex	intumescens	1	Berberis	thunbergii	1
Carex	crinita	1	Ribes	triste	1
Solanum	dulcamara	2	Solidago	rugosa	1
Scutellaria	lateriflora	8	Poa	palustris	1
Sambucus	canadensis	7	Lycopus	uniflorus	1

Site 27

genus	species	abundance	genus	species	abundance
Acer	rubrum	94	Coptis	trifolia	3
Clethra	alnifolia	18	Pinus	strobis	4
Frangula	alnus	49	Vitis	novae-angliae	1
Maianthemum	canadense	29	Lythrum	salicaria	1
Osmunda	cinnamomea	45	Solanum	dulcamara	1
Osmunda	regalis	1	Malus		1
Symplocarpus	foetidus	38	Ulmus	americana	1
Vaccinium	corymbosum	6	Fraxinus	pennsylvanica	1
Toxicodendron	radicans	25	Carex		1
Rhododendron	viscosum	1	Aralia	nudicaulis	1
Ilex	verticillata	1	Phragmites	australis	1
Lemna	minor	4	Prunus	serotina	1
Impatiens	capensis	5	Iris	prismatica	1
Polygonum	arifolium	8	Symphyotrichum	puniceum	1
Glyceria	striata	2	Solidago	uliginosa	1

Thelypteris	palustris	5	Scutellaria	lateriflora	1
Parthenocissus	quinquefolia	3	Lycopus	uniflorus	1

Site 28

genus	species	abundance	genus	species	abundance
Acer	rubrum	69	Carex	intumescens	1
Toxicodendron	radicans	27	Carex	folliculata	1
Frangula	alnus	70	Ulmus	americana	3
Parthenocissus	quinquefolia	29	Vaccinium	corymbosum	1
Maianthemum	canadense	10	Cicuta	maculata	1
Osmunda	regalis	3	Dryopteris	cristata	1
Osmunda	cinnamomea	6	Rubus	hispidus	1
Symplocarpus	foetidus	15	Eupatorium	maculatum	1
Scutellaria	lateriflora	4	Bidens	frondosa	1
Impatiens	capensis	19	Arisaema	triphyllum	1
Viburnum	dentatum	42	Smilax	rotundifolia	1
Lindera	benzoin	18	Convallaria	majalis	1
Onoclea	sensibilis	35	Solidago	rugosa	1
Malus		4	Pinus	strobus	1
Calystegia	sepium	1	Berberis	thunbergii	1
Boehmeria	cylindrica	2	Lycopus	uniflorus	1
	novae-				
Vitis	angliae	3	Sparganium	americanum	1
Glyceria	striata	4	Peltandra	virginica	1
Ilex	verticillata	2	Clethra	alnifolia	1
Carex		3	Lythrum	salicaria	1
Carex	stipata	1	Dichanthelium	clandestinum	1
Carex	stricta	2	Polygonum	arifolium	1

Site 29

genus	species	abundance	genus	species	abundance
Acer	rubrum	91	Ilex	verticillata	7
Onoclea	sensibilis	17	Taraxacum	officinale	1
Cornus	amomum	30	Cicuta	maculata	1
Impatiens	capensis	44	Ligustrum	vulgare	1
Viburnum	dentatum	1	Potentilla	simplex	1
Toxicodendron	radicans	50	Carya	ovata	1
Galinsoga	parviflora	1	Maianthemum	canadense	1
Equisetum	palustre	5	Solidago	rugosa	1
Equisetum	pratense	4	Geranium	maculatum	1

Frangula	alnus	25	Thalictrum	pubescens	1
Symphotrichum	puniceum	1	Juniperus	virginiana	1
Rosa	multiflora	4	Lonicera	xylosteum	1
Rhamnus	cathartica	6	Aralia	nudicaulis	1
Symplocarpus	foetidus	6	Oxalis	stricta	1
Ulmus	americana	5	Galium	aparine	1
Parthenocissus	quinquefolia	13	Celastrus	orbiculatus	1
Glyceria	striata	3	Dryopteris	carthusiana	1
Arisaema	triphyllum	5			

Site 30

genus	species	abundance	genus	species	abundance
Acer	rubrum	100	Ulmus	americana	10
Rosa	multiflora	28	Boehmeria	cylindrica	2
Symplocarpus	foetidus	29	Glechoma	hederacea	5
Impatiens	capensis	56	Pachysandra	terminalis	2
Dryopteris	carthusiana	33	Lonicera	xylosteum	1
Geum	aleppicum	1	Celastrus	orbiculatus	1
Circaea	lutetiana	4	Euonymus	alata	1
Parthenocissus	quinquefolia	1	Solidago	rugosa	1
Malus		2	Osmunda	cinnamomea	1
Onoclea	sensibilis	7	Berberis	thunbergii	1
Rubus	hispidus	9	Monarda	media	1
Trientalis	borealis	1	Glyceria	canadensis	2
Toxicodendron	radicans	8	Athyrium	filix-femina	1
Pinus	strobus	7	Carex		1
Frangula	alnus	9			

Site 31

genus	species	abundance	genus	species	abundance
Acer	rubrum	99	Carex		1
Osmunda	cinnamomea	21	Rubus	hispidus	8
Osmunda	regalis	7	Arisaema	triphyllum	1
Impatiens	capensis	25	Uvularia	sessilifolia	2
Euonymus	alata	5	Ilex	verticillata	1
Frangula	alnus	38	Celastrus	orbiculatus	2
Circaea	lutetiana	10	Pilea	pumila	1
Lonicera	xylosteum	11	geum	canadense	1
Fraxinus	pennsylvanica	37	Parthenocissus	quinquefolia	1
Dryopteris	carthusiana	6	Scutellaria	lateriflora	1

Glyceria	striata	2	Thelypteris	palustris	1
Prunus	serotina	2	Eupatorium	maculatum	1
Maianthemum	canadense	17	Trientalis	borealis	1
Pinus	strobus	2	<i>Rosa</i>	<i>multiflora</i>	1
Quercus	rubra	5	Juncus	effusus	1
Symplocarpus	foetidus	1	Symphyotrichum	puniceum	1
Solidago	rugosa	3	Boehmeria	cylindrica	1
Solidago	gigantea	1	Aralia	nudicaulis	1
Ulmus	americana	2			

Site 32

genus	species	abundance	genus	species	abundance
Acer	rubrum	71	Ilex	verticillata	5
Clethra	alnifolia	70	Cephalanthus	occidentalis	8
Osmunda	cinnamomea	7	Pinus	strobus	3
Vaccinium	corymbosum	32	Bidens	connata	1
Betula	populifolia	10	Bidens	frondosa	1
Amelanchier		3	Quercus	bicolor	1
Lemna		8	Maianthemum	canadense	1
Ranunculus	repens	6	Thelypteris	palustris	1
Nyssa	sylvatica	7	Lyonia	ligustrina	1

Site 33

genus	species	abundance	genus	species	abundance
Acer	rubrum	92	Cinna	arundinacea	4
Ilex	verticillata	27	Vaccinium	corymbosum	2
<i>Frangula</i>	<i>alnus</i>	40	Geranium	maculatum	1
Scutellaria	lateriflora	4	Cornus	amomum	1
carex		1	Potentilla	simplex	1
carya	ovata	15	Ostrya	virginiana	1
Carpinus	caroliniana	8	Viola	cucullata	1
Toxicodendron	radicans	57	Solidago	rugosa	1
Maianthemum	canadense	5	Rubus	pubescens	1
Parthenocissus	quinquefolia	16	<i>Rosa</i>	<i>multiflora</i>	1
Viburnum	dentatum	12	Arisaema	triphillum	1
Quercus	velutina	1	Glyceria	striata	1
Quercus	bicolor	1	Uvularia	sessilifolia	1
Circaea	lutetiana	12	Thalictrum	pubescens	1
Galium	palustre	2	Bidens	frondosa	1
Dryopteris	carthusiana	2	Onoclea	sensibilis	1

Pilea	pumila	2	Aralia	nudicaulis	1
Iris		1	Ulmus	americana	1
Osmunda	regalis	1			

Site 34

genus	species	abundance	genus	species	abundance
Acer	rubrum	74	Thalictrum	pubescens	5
Toxicodendron	radicans	43	Glyceria	striata	4
Impatiens	capensis	45	Pilea	pumila	3
Frangula	alnus	31	Scutellaria	lateriflora	4
Malus		1	Onoclea	sensibilis	1
Cornus	amomum	5	Prunus	serotina	1
Rosa	multiflora	11	Dryopteris	carthusiana	1
Ulmus	americana	4	Solidago	rugosa	1
Fraxinus	pennsylvanica	2	Solidago	gigantea	1
Carex	lurida	3	Geum	canadense	1
Carex	scoparia	5	Juncus	tenuis	1
Carex	crinita	1	Quercus	bicolor	1
Viburnum	dentatum	14	Celastrus	orbiculatus	1
Viburnum	lentago	11	Sambucus	racemosa	1
Pinus	strobis	4	Sambucus	canadensis	1
Arisaema	triphyllum	3	Lonicera	xylosteum	1
Symplocarpus	foetidus	48	Scirpus		1
Berberis	thunbergii	2	Typha	latifolia	1
Ilex	verticillata	2			

Site 35

genus	species	abundance	genus	species	abundance
Acer	rubrum	87	Pinus	strobis	3
Osmunda	cinnamomea	42	Rubus	hispidus	1
Osmunda	regalis	1	Fraxinus	pennsylvanica	1
Clethra	alnifolia	63	Anemone	quinquefolia	1
Maianthemum	canadense	56	Toxicodendron	radicans	1
Arisaema	triphyllum	5	Dryopteris	carthusiana	1
Trientalis	borealis	3	Viburnum	dentatum	1
Betula	alleganiensis	33	Symphyotrichum	puniceum	1
Ilex	verticillata	10	Mitchella	repens	1
Symplocarpus	foetidus	20	Celastrus	orbiculatus	1
Quercus	rubra	8	Circaea	lutetiana	1
Impatiens	capensis	6	Rosa	multiflora	1

Lindera	benzoin	3	Ribes	triste	1
Onoclea	sensibilis	13			

Site 36

genus	species	abundance	genus	species	abundance
Acer	rubrum	92	Rubus	hispidus	6
Acer	saccharum	8	Dryopteris	carthusiana	3
Frangula	alnus	80	vitis	labrusca	5
malus		5	circaea	lutetiana	3
Parthenocissus	quinquefolia	16	Prunus	serotina	2
Toxicodendron	radicans	16	Juniperus	virginiana	1
Trientalis	borealis	12	Sorbus		1
Quercus	rubra	9	Aralia	nudicaulis	1
Quercus	alba	1	Arisaema	triphyllum	1
Osmunda	regalis	4	Viburnum	dentatum	1
Osmunda	cinnamomea	12	impatiens	capensis	1
Maianthemum	canadense	42	Solidago	rugosa	1
Onoclea	sensibilis	2	Solidago	uliginosa	1
Carex		2	Thalictrum	pubescens	1
Carex	stricta	4	Vaccinium	corymbosum	1
Carex	pennsylvanica	1	Hydrocotyle	americana	1
Pinus	strobus	17	Cardamine	pratensis	1
Nyssa	sylvatica	3	Viola	cucullata	1
Ulmus	americana	7	Thelypteris	noveboracensis	1
Symplocarpus	foetidus	10	Thelypteris	palustris	1
Fraxinus	pennsylvanica	11			

Site 37

genus	species	abundance	genus	species	abundance
Acer	rubrum	83	Circaea	lutetiana	5
Glyceria	striata	7	Cinna	arundinacea	1
Poa	palustris	4	Alnus	serrulata	6
Carex	stricta	15	Betula	populifolia	4
Carex	crinita	1	Toxicodendron	radicans	6
Symphyotrichum	puniceum	12	Peltandra	virginica	1
Solidago	uliginosa	3	Iris	pseudacorus	1
Solidago	gigantea	1	Lemna	minor	1
Solidago	rugosa	1	Ulmus	americana	1
Impatiens	capensis	38	Polygonum	sagittatum	1
Onoclea	sensibilis	5	Polygonum	arifolium	1

Frangula	alnus	51	Lycopus	uniflorus	1
Thalictrum	pubescens	5	Uvularia	sessilifolia	1
Rosa	multiflora	18	Osmunda	regalis	1
Celastrus	orbiculatus	3	Prunus	serotina	1
Parthenocissus	quinquefolia	5	Maianthemum	canadense	1
vitis	novae-angliae	23	Cornus	amomum	1
Rubus	alleghehiensis	4	Oxalis	stricta	1
Rubus	hispidus	1	Alliaria	petiolata	1
Dryopteris	carthusiana	10	Arisaema	triphillum	1

Site 38

genus	species	abundance	genus	species	abundance
Acer	rubrum	84	Fraxinus	pennsylvanica	2
Ilex	verticillata	16	Malus		1
Symplocarpus	foetidus	63	Viola	cucullata	1
Impatiens	capensis	39	epilobium		1
Maianthemum	canadense	10	Quercus	bicolor	1
Pinus	strobus	11	Quercus	rubra	1
Toxicodendron	vernix	21	Sambucus	canadensis	1
Toxicodendron	radicans	4	Picea		1
Rhododendron	viscosum	5	Eurybia	divaricata	1
Ulmus	americana	13	Solanum	dulcamara	1
Viburnum	dentatum	11	Nyssa	sylvatica	1
Frangula	alnus	13	Thelypteris	noveboracensis	1
Osmunda	cinnamomea	24	Arisaema	triphillum	1
Osmunda	regalis	1	Dryopteris	carthusiana	1
Fagus	grandifolia	3	Onoclea	sensibilis	1
Vaccinium	corymbosum	6	Carex		1
alnus	serrulata	3			

Site 39

genus	species	abundance	genus	species	abundance
Acer	rubrum	72	Circaea	lutetiana	2
Ilex	verticillata	9	Rosa	multiflora	1
Alnus	serrulata	8	Rosa	palustris	1
Frangula	alnus	12	Celastrus	orbiculatus	1
Impatiens	capensis	52	Glyceria	striata	1
Quercus	bicolor	12	Thalictrum	pubescens	1
Leersia	oryzoides	16	Clematis	virginiana	1
Leersia	virginica	19	Toxicodendron	radicans	1

Sium	suave	3	Sagittaria	latifolia	1
Polygonum	arifolium	13	Peltandra	virginica	1
Polygonum	lapathifolium	1	Eupatorium	maculatum	1
Boehmeria	cylindrica	5	Convolvulus	arvensis	1
Cornus	amomum	5	Lythrum	salicaria	1
Ulmus	americana	11	Cephalanthus	occidentalis	1
Symplocarpus	foetidus	27	Alisma	subcordatum	1
Rhododendron	viscosum	4	Carex	intumescens	1
Clethra	alnifolia	3	Carex	crinita	1
Osmunda	cinnamomea	12	Vitis	riparia	1
Osmunda	regalis	3	Phalaris	arundinacea	1
Viburnum	dentatum	10	Scutellaria	lateriflora	1
Dryopteris	carthusiana	2	Lycopus	uniflorus	1
Pinus	strobis	2	Cinna	arundinacea	1
Maianthemum	canadense	2	Smilax	herbacea	1
Onoclea	sensibilis	8	Bidens	frondosa	1
Vaccinium	corymbosum	2	Myosotis	scorpioides	1
Arisaema	triphyllum	3	Scirpus	cyperinus	1
Uvularia	sessilifolia	1			

Site 40

genus	species	abundance	genus	species	abundance
Viola	cucullata	12	Nyssa	sylvatica	5
Acer	rubrum	89	Quercus	rubra	2
Frangula	alnus	48	Thalictrum	pubescens	1
Symplocarpus	foetidus	35	Vaccinium	corymbosum	1
Impatiens	capensis	27	Rubus	hispidus	1
Carex		1	Spiraea	alba	1
Carex	stricta	3	Dryopteris	cristata	1
Osmunda	cinnamomea	8	Phryma	leptostachya	1
Osmunda	regalis	2	Rosa	multiflora	1
Fraxinus	pennsylvanica	6	Solidago	rugosa	1
Fraxinus	americana	1	Solidago	gigantea	1
Pinus	strobis	20	Celastrus	orbiculatus	1
Arisaema	triphyllum	7	Mimulus	ringens	1
Ulmus	americana	7	Scutellaria	lateriflora	1
Toxicodendron	radicans	5	Lycopus	uniflorus	1
Ilex	verticillata	10	Rhododendron	viscosum	1
Circaea	lutetiana	4	Hydrocotyle	americana	1
Glyceria	striata	11	Lindera	benzoin	1
Boehmeria	cylindrica	3	Poa	palustris	1

Onoclea	sensibilis	3	Potentilla	simplex	1
Maianthemum	canadense	16	<i>Berberis</i>	<i>thunbergii</i>	1
Thelypteris	noveboracensis	2	Trientalis	borealis	1
Thelypteris	palustris	1			