

Appendix A. Species, phenological groups and number of plots present in at each old growth (OG) and mature (MA) site.

Species	Phenology	OG1	OG2	OG3	MA1	MA2	MA3
<i>Allium tricoccum</i>	spring ephemeral			12			
<i>Anemone quinquefolia</i>	spring ephemeral	23	12		23	3	44
<i>Claytonia caroliniana</i>	spring ephemeral	57	46	23	17	3	35
<i>Dicentra sp</i>	spring ephemeral	56		19	4		
<i>Erythronium americanum</i>	spring ephemeral	55	11	27	17	1	3
<i>Thalictrum thalictroides</i>	spring ephemeral		11	2	4	4	1
<i>Actaea pachypoda</i>	summer green	5	14	4	3	3	2
<i>Adiantum pedatum</i>	summer green		2	1			
<i>Arisaema triphyllum</i>	summer green		2	2	22	26	7
<i>Aruncus dioicus</i>	summer green		1	1	1		
<i>Asarum canadense</i>	summer green		15	2	1		
<i>Aster sp</i>	summer green				7	3	
<i>Botrychium virginianum</i>	summer green	1	2			6	1
<i>Botrypus virginiana</i>	summer green		3				
<i>Cardamine clematitis</i>	summer green	42	2		3	7	37
<i>Cardamine diphylla</i>	summer green	13	38	25			5
<i>Caulophyllum thalictroides</i>	summer green	1	2	13	12	6	1
<i>Conopholis americana</i>	summer green		1	2			
<i>Cryptotaenia canadensis</i>	summer green		1			8	
<i>Desmodium nudiflorum</i>	summer green		4	2			

Species	Phenology	OG1	OG2	OG3	MA1	MA2	MA3
<i>Dioscorea villosa</i>	summer green		4	2			2
<i>Diphylleia cymosa</i>	summer green			5			
<i>Disporum lanuginosum</i>	summer green	1	1	8	8		3
<i>Eupatorium rugosum</i>	summer green	13	1	2	1		
<i>Eupatorium sp</i>	summer green		1			1	
<i>Eurybia divaricata</i>	summer green	17	21	5	5	2	36
<i>Galearis spectabilis</i>	summer green		1		1		
<i>Galium aparine</i>	summer green	11	2	2		3	
<i>Galium circaezans</i>	summer green	2	7	2		2	1
<i>Geranium maculatum</i>	summer green		17				
<i>Hydrophyllum virginianum</i>	summer green		4	2	19	1	
<i>Impatiens sp</i>	summer green	23	11	38	26	23	3
<i>Iris cristata</i>	summer green		5				
<i>Laportea canadensis</i>	summer green	32	26	32	3	39	6
<i>Luzula sp</i>	summer green						1
<i>Maianthemum racemosum</i>	summer green		1	9	24	4	
<i>Medeola virginiana</i>	summer green		5			4	2
<i>Melanthium parviflorum</i>	summer green		6	4	3		9
<i>Monarda sp</i>	summer green	11	3	17			1
<i>Osmorhiza longistylis</i>	summer green	6	17	3	16	16	
<i>Osmunda claytoniana</i>	summer green	6	1	1			
<i>Osmunda sp</i>	summer green			7			1

Species	Phenology	OG1	OG2	OG3	MA1	MA2	MA3
<i>Panax trifolius</i>	summer green	2					8
<i>Poa sp</i>	summer green	21	6	5		5	4
<i>Podophyllum peltatum</i>	summer green	3	2	2	11	1	9
<i>Polygonatum biflorum</i>	summer green	1	4			1	
<i>Potentilla sp</i>	summer green					1	2
<i>Prenanthes sp</i>	summer green		13	2		8	7
<i>Ranunculus hispidus</i>	summer green		2				
<i>Ranunculus sp</i>	summer green	11	13	7	12	26	1
<i>Sanguinaria canadensis</i>	summer green		11	6	16	11	
<i>Solidago sp</i>	summer green	16	2	33	9	5	8
<i>Stellaria pubera</i>	summer green	5	31	42	37	21	38
<i>Thalictrum dioicum</i>	summer green		9	6	7	1	
<i>Thaspium barbinode</i>	summer green		6				
<i>Thelypteris noveboracensis</i>	summer green		14	2		6	9
<i>Tradescantia subaspera</i>	summer green		1	1	1		
<i>Trillium cuneatum</i>	summer green		22				
<i>Trillium erectum</i>	summer green		2	1	4		1
<i>Trillium grandiflorum</i>	summer green		11		2	6	1
<i>Trillium luteum</i>	summer green		2		15		
<i>Trillium sp</i>	summer green	5	33	8	46	12	1
<i>Trillium vaseyi</i>	summer green					2	
<i>Unknown aster</i>	summer green				3		

Species	Phenology	OG1	OG2	OG3	MA1	MA2	MA3
<i>Uvularia grandiflora</i>	summer green		9	3	2	1	9
<i>Uvularia sp</i>	summer green		6		5	3	9
<i>Viola blanda</i>	summer green	6	3	18			
<i>Viola canadensis</i>	summer green	7	5	2	3	19	23
<i>Viola hastata</i>	summer green		26	2	2	12	
<i>Viola palmata</i>	summer green		1			7	5
<i>Viola papilionacea</i>	summer green	16	3	2	2	2	2
<i>Viola pubescens</i>	summer green	1	2		4	6	16
<i>Viola rotundifolia</i>	summer green		3				
<i>Carex plantaginea</i>	evergreen			3			
<i>Dryopteris cristata</i>	evergreen			3			
<i>Dryopteris intermedia</i>	evergreen	18	8	8	6	3	11
<i>Hepatica acutiloba</i>	evergreen		1	1	17	16	2
<i>Hexastylus arifolium</i>	evergreen						1
<i>Polystichum acrostichoides</i>	evergreen	1	6	12	11	14	7
<i>Tiarella cordifolia</i>	evergreen	44	41	2	21	2	23
<i>Tipularia discolor</i>	evergreen					1	
<i>Goodyera pubescens</i>	evergreen					1	5
Total number of species		30	63	48	39	44	41