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Plant Ecology Laboratory
Data Form 68

Av-BA

Station No. 5024

Tree	No. Pts.	No. Tr.	Size Cl.sq.in.			No. Dom.	No. Sap.	F% Seed	F% Tr.	D% Tr.	Dom% Tr.	DFD Index		
			12- 80	81- 320	321- 400									
Abies balsamea	13	33	33			824		24.9	30.9	33	26.4	90.7	360	406.3
Acer rubrum														
Acer spicatum														
Betula lutea														
B. papyrifera														
Carya cord.														
C. ovata														
Fraxinus nigra														
Juglans cinerea														
Larix laricina	1	1	1			12		12	24	1	0.4	3.5		3.5
Picea glauca														
P. mariana	19	53	53			1489		28	45.2	53	42.5	145.7	149	149.2 291.4
Pinus resinosa														
P. strobus														
Pop. balsamifera														
P. grand.														
P. trem.														
Prunus serotina														
Pyrus americana														
Quercus bicolor														
Q. rubra														
Thuja occ.	9	13	13			806		6.2	21.4	13	25.8	60.7	240	240
Tilia americana														
Tsuga can.														
Ulmus americana														
U. rubra														

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

42 100 100

31.26

99.9 100 100

241.9

749

941.2

2.65

①	Alvies	5	9	11	⑧	Pm	4	6	10	⑤	Pm	4	7	5
	Pm	5.5	12	1		Ab	4	9	1		Pm	4	20	1
	Pm	6.5	8	2		Ab	6	8	5		Ab	7	7	4
②	Alvies	6.5				Pm	5.5				Ab	6		
	Alvies	6.5			⑨	Pm	4				Sh	2'11"		
	Pm	7	8	7		Pm	7	7.3			Ab	5	5	4
③		6	13	5			6.5	10	2		Ab	4	34	4
		5	7	11			5	26	1		Ab	5	17	8
	Pm	6.5	11	7	⑩		5				Sh	5		
④		7	5	9		Pm	5	9	1	⑪	Pm	6.5	17	1
		6	11	6			6.5	4	3		Ab	4	10	3
		6					4.5	23	9		Ab	5	15	3
⑤	Pm	6	6	8	⑪		6.5				Sh	5		
		7	26	8		Pm	6.5	9	8	⑫	Sh	3'6"		
		7	11	5		Pm	7				Sh	8	1	2
⑥	Alvies	5	5	4	⑫	A	5.5	15	2		Sh	8	15	3
	A	6	7	3		A	4	17	6		Ab	4	10	4
	A	4	7	3		A	4				Sh	4		
⑦	Pm	9	3	8		Sh	8	19	2	⑬	Pm	4	11	7
	Shuja	8				Pm	4	7	8		Ab	4	23	2
	Pm	4	10	10	⑬	Ab	7				Sh	7.5	8	7
⑧		7.5	12	9		Sh	2'7"	9	7	⑭	Ab	5		
		5	3	5		Ab	4.5	10	1		Ab	7		
		4				Ab	4	3	9		Ab	6		
⑨		4			⑭	Pm	4				Pm	8	7	0
						Ab	6				Ab	8	9	8
	Pm	4	4	6		Ab	4.5	17	7		Ab	8	24	2
⑩		8	11	4		Pm	4	4	10		Ab	2'6"		
		4.5	14	7		Pm	4	11	3		Sh	3'7"		
		4				L	5							

2463
2463
2463

III III
III

5-6-6-5-5-6-4-4-6-5-5-4-8-4-7-4-4-5-4-24
6-4-4-5-9-6-6-4-8-4-5-4-4-5-7-6-8-24

12.5 x 11 = 550
15.5 x 2 = 126
19.5 x 5 = 390
28.5 x 14 = 84
283 x 6 = 678
332 x 1 = 132
384 x 3 = 462
501 x 3 = 402
33 2834

32
1

142
53
13

Tr 2
3.14
4
1266

12.5

III III III

5-5-6-5-7-6-8-5-8-6-5-7-6-6-5-6-8-7-6-5-7-8-
4-7-5-5-4-4-4-8-4-5-4-7-4-5-5-4-7-7-6-5-
5-5-5-6-5-4-5-6-5-7-5-6-5-7-4-4-4-4-
4-4-8-6-5-4-8

12.5 x 14 = 700
15.5 x 2 = 26
19.5 x 6 = 468
28.5 x 2 = 188
283 x 4 = 452
332 x 8 = 1056
384 x 8 = 1232
446 x 2 = 352
501 x 7 = 1407
63 5981

III III

8-8-2'9" 2'11" 5-5-3'6" 8-8-4-7-5-8-3'9"

12.5 x 1 = 50
19.5 x 2 = 156
446 x 1 = 106
501 x 5 = 1005
76 x 1
99 x 1
140 x 1
149 x 1

[illegible]

[illegible]

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5024

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
<i>Lactuca</i>	✓																					
<i>Hystrix patula</i>																						
<i>Ilex verticillata</i>																						
<i>Impatiens capensis</i>	✓	✓																				
<i>Iris versicolor</i>																						
<i>Iris virginica</i>																						
<i>Juncus canadensis</i>																						
<i>Juncus effusus</i>																						
<i>Juncus tenuis</i>																						
<i>Juniperus communis</i> var.																						
<i>Kalmia polifolia</i>																						
<i>Lactuca biennis</i>	✓			✓																		1
<i>Lathyrus palustris</i>																						
<i>Ledum groenlandicum</i>	✓		✓							✓		✓	✓						✓	✓		6
<i>Leersia oryzoides</i>																						
<i>Linnaea borealis</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓	✓	✓		11
<i>Liparis loeselii</i>																						
<i>Listera cordata</i>																						
<i>Lobelia siphilitica</i>																						
<i>Lonicera canadensis</i>	✓	✓																	✓			1
<i>Lonicera dioica</i>																						
<i>Lonicera oblongifolia</i>																						
<i>Lonicera villosa</i>	✓																✓					1
<i>Luzula acuminata</i>																						
<i>Lycopodium annotinum</i>																						
<i>Lycopodium clavatum</i>																						
<i>Lycopodium lucidulum</i>	✓									✓	✓		✓									3
<i>Lycopodium obscurum</i>																						
<i>Lycopus uniflorus</i>	✓	✓															✓					1
<i>Lysimachia ciliata</i>																						
<i>Lysimachia hybrida</i>																						
<i>Lysimachia quadriflora</i>																						
<i>Lysimachia terrestris</i>																						
<i>Lysimachia thyrsoflora</i>																						
<i>Maianthemum canadense</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓		12
<i>Malaxis unifolia</i>																						
<i>Melampyrum lineare</i>																						
<i>Menthanthes trifoliata</i>																						
<i>Mimulus ringens</i>																						
<i>Mitchella repens</i>																						
<i>Mitella diphylla</i>																						
<i>Mitella nuda</i>																						
<i>Moneses uniflora</i>																						
<i>Monotropa hypopithys</i>																						
<i>Monotropa uniflora</i>	✓	✓																				
<i>Muhlenbergia mexicana</i>																						
<i>Muhlenbergia racemosa</i>																						
<i>Myrica gale</i>																						
<i>Nasturtium officinale</i>																						
<i>Nemopanthus mucronata</i>	✓									✓						✓						2
<i>Onoclea sensibilis</i>																						
<i>Osmunda cinnamomea</i>	✓							✓			✓		✓									3

TABULATION FORM

CONIFER SWAMP

Stand No. 5024

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
<i>Osmunda regalis</i>																						
<i>Oxalis montana</i>	✓	✓	✓		✓	✓	✓	✓			✓			✓	✓							9
<i>Oxalis stricta</i>																						
<i>Panicum boreale</i>																						
<i>Panicum lanuginosum</i> var.																						
<i>Parietaria pensylvanicum</i>																						
<i>Parthenocissus inserta</i>																						
<i>Pedicularis lanceolatus</i>																						
<i>Penthorum sedoides</i>																						
<i>Phalaris arundinacea</i>																						
<i>Phleum pratense</i>																						
<i>Phragmites communis</i>																						
<i>Physocarpus opulifolius</i>																						
<i>Pilea pumila</i>																						
<i>Poa palustris</i>																						
<i>Poa pratensis</i>																						
<i>Pogonia ophioglossoides</i>																						
<i>Polygala paucifolia</i>																						
<i>Polygonatum pubescens</i>																						
<i>Polygonum convolvulus</i>																						
<i>Polygonum amphibium</i> var.																						
<i>Polygonum sagittatum</i>																						
<i>Potentilla fruticosa</i>																						
<i>Potentilla palustris</i>																						
<i>Prenanthes alba</i>																						
<i>Prunella vulgaris</i>																						
<i>Prunus pensylvanicum</i>																						
<i>Prunus virginiana</i>																						
<i>Pteridium aquilinum</i>																						
<i>Pycnanthemum virginianum</i>					/																	
<i>Pyrola asarifolia</i>																						
<i>Pyrola elliptica</i>																						
<i>Pyrola rotundifolia</i>																						
<i>Pyrola secunda</i>																						
<i>Pyrus floribunda</i>																						
<i>Pyrus melanocarpa</i>																						
<i>Ranunculus abortivus</i>																						
<i>Ranunculus hispidus</i>																						
<i>Rhamnus alnifolia</i>																						
<i>Rhus radicans</i>																						
<i>Rhus vernix</i>																						
<i>Rhynchospora alba</i>																						
<i>Ribes americanum</i>																						
<i>Ribes cynosbati</i>																✓						1
<i>Ribes hirtellum</i>																						
<i>Ribes lacustre</i>																						
<i>Ribes triste</i>	✓	✓																				
<i>Rosa carolina</i>																						
<i>Rubus allegheniensis</i>																						
<i>Rubus idaeus</i>	✓	✓									✓					✓	✓					3
<i>Rubus occidentalis</i>																						

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<u>Rubus pubescens</u>	✓					✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	12	
<u>Rumex crispus</u>																							
<u>Rumex verticillatus</u>																							
<u>Sagittaria latifolia</u>																							
<u>Salix candida</u>																							
<u>Salix pedicellaris</u>																							
<u>Salix sp.</u>																							
<u>Sambucus canadensis</u>																							
<u>Sarracenia purpurea</u>																							
<u>Saxifraga pennsylvanica</u>	✓			✓																			1
<u>Scheuchzeria palustris v</u>																							
<u>Scirpus acutus</u>																							
<u>Scirpus cyperinus</u>																							
<u>Scirpus hudsonianus</u>																							
<u>Scirpus pedicellatus</u>																							
<u>Scirpus rubrotinctus</u>																							
<u>Scirpus validus</u>																							
<u>Scutellaria epilobifolia</u>																							
<u>Scutellaria lateriflora</u>																							
<u>Selaginella selaginoides</u>																							
<u>Senecio aureus</u>																							
<u>Sium suave</u>																							
<u>Smilacina stellata</u>																							
<u>Smilacina trifolia</u>	✓	✓			✓																		2
<u>Smilax herbacea</u>																							
<u>Smilax lasioneura</u>																							
<u>Solanum dulcamara</u>																							
<u>Solidago canadensis</u>																							
<u>Solidago gigantea</u>																							
<u>Solidago graminifolia</u>					✓																		
<u>Solidago patula</u>																							
<u>Solidago purshii</u>																							
<u>Sphenopholis intermedia</u>																							
<u>Spiraea alba</u>																							
<u>Spiraea tomentosa</u>																							
<u>Stachys palustris var. h</u>																							
<u>Stachys tenuifolia</u>																							
<u>Stellaria longifolia</u>																							
<u>Streptopus roseus</u>	✓												✓	✓									2
<u>Symplocarpus foetidus</u>																							
<u>Taxus canadensis</u>	✓			✓		✓																	2
<u>Thalictrum dasycarpum</u>				✓																			
<u>Trientalis borealis</u>	✓			✓	✓	✓					✓		✓										5
<u>Triglochin maritima</u>																							
<u>Trillium flexipes</u>																							
<u>Typha latifolia</u>																							
<u>Urtica dioica</u>																							
<u>Vaccinium angustifolium</u>																							
<u>Vaccinium macrocarpon</u>																							
<u>Vaccinium myrtilloides</u>	✓	✓			✓	✓	✓	✓	✓	✓			✓	✓					✓	✓		11	
<u>Vaccinium oxycoccos</u>																							

203

PRESENCE LIST

CONIFER BOG

Stand No. 5024

Abies balsamea 14,
Acer rubrum 6,
Acer spicatum
Betula lutea
Betula papyrifera
Carya cordiformis
Fraxinus nigra

Juglans cinerea
Larix laricina
Picea glauca
Picea mariana 3, 14, 16,
Pinus resinosa
Pinus strobus
Populus tremuloides

Prunus serotina
Quercus bicolor
Quercus rubra
Sorbus americana
Thuja occidentalis 1, 3, 6, 9, 11, 12,
Tsuga canadensis
Ulmus americana

HERBS AND SHRUBS

Alnus incana
Alnus rugosa 11, 15, 18, 19, 20, 12
Andromeda glaucophylla
Anemone canadensis
Aralia hispida 14, 5, 6, 8, 9, 10, 11, 12, 13, 15
Aralia nudicaulis
Arceuthobium pusillum
Arctostaphylos uva-ursi
Arethusa bulbosa
Arisaema atrorubens
Asclepias incarnata
Aster lateriflorus
Aster novae-angliae
Aster umbellatus
Betula pumila 6
Betula sandbergii
Bidens coronata
Boehmeria cylindrica
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis
Calla palustris
Calopogon pulchellus
Caltha palustris
Campanula aparinoides
Chamaedaphne calyculata
Chiogenes hispidula 1, 3, 4, 6, 7, 9, 11, 12, 16, 17
Cicuta bulbifera 19
Cicuta maculata
Circaea alpina
Cirsium muticum 13, 14, 17, 18, 20
Clintonia borealis 1, 4, 5, 6, 7, 8, 9, 10, 11, 12
Coptis trifolia 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Corallorrhiza trifida 14, 15, 18, 19, 20
Cornus canadensis 5, 6, 7, 8, 9, 10, 11, 12, 13
Cornus obliqua 13, 14, 17, 18, 19, 20
Cornus stolonifera
Cypripedium acaule
Cypripedium arietinum
Cypripedium parviflorum
Cypripedium pubescens
Cypripedium reginae
Decodon verticillatus
Diervilla lonicera 11
Drosera intermedia
Drosera longifolia
Drosera rotundifolia
Dryopteris linneana

Dryopteris phegopteris
Dryopteris spinulosa 2, 3, 4, 7, 8, 11
Dryopteris thelypteris 2, 3
Dulichium arundinaceum
Epigaea repens
Epilobium adenocaulon
Epilobium angustifolium
Epilobium densum 3
Equisetum scirpoides
Eriophorum angustifolium
Eriophorum virginicum
Eriophorum viridi-carinatum
Eupatorium perfoliatum
Eupatorium maculatum
Galium aparine 2, 3, 4, 11, 15, 17
Galium concinnum
Galium labradoricum
Galium trifidum
Gaultheria procumbens 3
Gaylussacia baccata
Gentiana linearis
Geum rivale
Glyceria striata
Goodyera repens
Habenaria clavellata
Habenaria dilatata
Habenaria hyperborea
Habenaria lacera
Habenaria leucophaea
Habenaria media
Habenaria obtusata
Habenaria psycodes
Halenia deflexa
Helenium autumnale
Hypericum virginicum
Ilex verticillata
Impatiens biflora
Iris versicolor
Iris virginica
Juncus tenuis
Kalmia polifolia
Ledum groenlandicum 3, 9, 11, 12, 19, 20
Leersia oryzoides
Linnaea borealis 18, 3, 2, 4, 5, 6, 7, 8,
Liparis loeselii 10, 17, 20
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia
Lycopus uniflorus 15
Lysimachia terrestris
Maianthemum canadense 2, 4, 5, 6, 7, 8, 10, 11,
Malaxis unifolia 12, 13, 14, 20
Menyanthes trifoliata
Mimulus ringens
Mitchella repens
Mitella nuda
Moneses uniflora
Muhlenbergia mexicana
Muhlenbergia racemosa
Myrica gale
Nemopanthus mucronata 15, 9
Onoclea sensibilis
Osmunda cinnamomea 7, 10, 12
Osmunda regalis
Parnassia caroliniana
Parthenocissus vitacea
Pedicularis lanceolata
Phalaris arundinacea
Physocarpus opulifolius
Poa palustris
Pogonia ophioglossoides
Polygala pauciflora
Potentilla palustris
Prenanthes alba
Pyrola asarifolia
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus abortivus
Rhamnus alnifolia
Rhus radicans
Rhus vernix
Ribes americanum
Ribes cynosbati 16
Ribes hirtellum
Ribes lacustre
Ribes triste
Rorippa palustris
Rosa caroliniana
Rubus idaeus 11, 15, 16
Rubus triflorus 3, 5, 7, 8, 9, 10, 11, 12, 14,
Rhynchospora alba 17, 18, 20
Salix candida
Sarracenia purpurea

Data Form No. 22 (P.2)

Saxifraga pennsylvanica³
 Scirpus cyperinus
 Scirpus acutus
 Scirpus hudsonianus
 Scirpus rubrotinctus
 Scirpus validus
 Scutellaria epilobifolia
 Scutellaria lateriflora
 Selaginella selaginoides
 Sium suave

Smilacina trifolia^{1,4}
 Smilax herbacea
 Solidago serotina
 Spiraea alba
 Spiraea tomentosa
 Steironema lanceolatum
 Symplocarpus foetidus
 Thalictrum dasycarpum
 Trientalis borealis^{3,4,6,10,12}
 Triglochin maritima

Typha latifolia
 Vaccinium angustifolium
 Vaccinium macrocarpon
 Vaccinium oxycoccus
 Vaccinium pennsylvanicum
 Viburnum opulus
 Viola canadensis
 Viola pallens^{15,2,3,4,5,15}
 Vitis riparia

Additional species:

✓ Aster macro⁴
 Equisetum
 ✓ ~~But pap~~ Monstrosa unifl
 ✓ Aster gem
 ✓ Dryop. disj^{1,13,14,15,16,19,20}
 ✓ Oralis^{2,4,5,6,7,10,13,14}
 ✓ Vall. myr^{1,4,5,6,7,8,9,12,13,19,20}
 ✓ ~~Vall. ulm. id^{2,3,4,5,6,7,8,10,17,20}~~
 ✓ ~~Vale. luc^{2,3,4,5,15}~~
 ✓ Lycopodium^{9,10,12}
 ✓ Menzop. cris^{8,11,16,17,9,6,12}
 Streptopus roseus^{13,12}
 ✓ Can. can¹⁸
 Aster
 +
 ✓ Circaea lut
 ✓ ~~But pap v. cond⁶~~
 Taxus^{4,3}
 Lactuca sp³
 Lonicera ~~hirsuta~~¹⁶
 ✓ Carex leptalea¹⁶
 C. diuerna^{9,18}
 ✓ C. triop^{3,4,2,10,7,1,5,4,20,18,17,12,15,13,11,8}
 ✓ Brachyelytrum erectum