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Plant Ecology Laboratory
Data Form 68

Station No. 121

Tree	No.		Size Cl. sq. in.			No. Dom.	F% Sap.	F% Seed	D% Tr.	Dom% Tr.	DFD Index	
	Pts	Tr.	12-80	81-320	321+							
Abies balsamea	10	26				447			28	26	35	89
Acer rubrum												
Acer spicatum												
Betula lutea												
B. papyrifera	2	2				48			5	2	4	11
Carya cord.												
C. ovata												
Fraxinus nigra												
Juglans cinerea												
Larix laricina												
Picea glauca												
P. mariana	7	9				243			20	9	19	48
Pinus resinosa												
P. strobus												
Pop. balsamifera												
P. grand.												
P. trem.												
Prunus serotina												
Pyrus americana												
Quercus bicolor												
Q. rubra												
Thuja occ.	16	63				533			46	63	42	151
Tilia americana												
Tsuga can.												
Ulmus americana												
U. rubra												

400.5

55

96

604

63
42
151

1155

Total tran. 35

Av. Tr. Dis. 1271 11.6 Av. BA

No. Tr./Acre 299

323.7

Plant Ecology Laboratory
Data Form 68

Station No. 5121

Tree	No. Pts.	No. Tr.	Size Cl. sq. in.			No. Dom.	F% Sap.	F% Seed	D% Tr.	Dom% Tr.	DFD Index	
			12-80	81-320	321+							
Abies balsamea	10	26				442			28	26	20	74
Acer rubrum												
Acer spicatum												
Betula lutea												
B. papyrifera	2	2				48			6	2	2	10
Carya cord.												
C. ovata												
Fraxinus nigra												
Juglans cinerea												
Larix laricina												
Picea glauca												
P. mariana	7	9				243			20	9	11	40
Pinus resinosa												
P. strobus												
Pop. balsamifera												
P. grand.												
P. trem.												
Prunus serotina												
Pyrus americana												
Quercus bicolor												
Q. rubra												
Thuja occ.	17	63				1454			47	63	66	176
Tilia americana												
Tsuga can.												
Ulmus americana												
U. rubra												

Total tran. 36 Av. Tr. Dis. 11.6' Av. BA 219 No. Tr./Acre 301 374

G.S. + J.J.

10 paces betw. pts 1, 2 }
5 paces " " (30m)

E is out

Dog B
~~5121~~
5121

TABULATION FORM

NORTHERN LOWLANDS

[saw spruce since Point 11]
Tamarack (<+) after last point

STAND NO.

Station No.

P 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Station No.	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
Herbs																60A	4					50A	22-0	16-0
Thuja		4 6 35A			65A		7 7 4 5	4 4 4	4 5	7 4 5 6	4 5 5	4 5 5	5 4 4 6	4 4 6	6 4 5 4	4 7 6 5	6 4 8 7	4 5 4 60A	5 4 4	5 4 4	5 4 4	5 7 6	17-0	7-9
Alnus		4	4 4	4 5 4	4 4 4	35A 4 5				6			5 6	5 4				4	5 5				27-6	9-0
Picea mariana			5	4			35A 7	6		50A	4 6												7-6	7-0
																							2-0	19-0
																							7-0	17-0
																							19-6	5-6
Bot. papyrif		5	6																				20-0	17-0
																							7-0	3-8
																							5-8	19-0
																							16-8	5-3
																							8-0	4-6
																							13-0	16-0
																							13-6	17-0
																							15-0	12-0
																							9-6	13-0
																							11-0	18-0
																							35-0	9-0
																							12-0	6-0
																							5-0	6-6
																							14-0	15-0
																							5-0	5-6
																							4-8	15-0
																							4-6	9-0
																							14-0	1-0
																							15-0	8-0
																							12-0	12-0
																							21-0	19-0

total dis

658
9.2
697.2

110"

aver 11.6

TABULATION FORM

CONIFER SWAMP

Stand No. 5121

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

Stellaria calycantha ✓

✓

1

PRESENCE LIST

CONIFER BOG

Stand No.

Abies balsamea
 Acer rubrum
 Acer spicatum 19
 Betula lutea
 Betula papyrifera
 Carya cordiformis
 Fraxinus nigra

Juglans cinerea
 Larix laricina
 Picea glauca
 Picea mariana
 Pinus resinosa
 Pinus strobus
 Populus tremuloides

Prunus serotina
 Quercus bicolor
 Quercus rubra
 Sorbus americana
 Thuja occidentalis
 Tsuga canadensis
 Ulmus americana

B
 39 NISE 31
 (6-13-55)

HERBS AND SHRUBS

Alnus incana
 Alnus rugosa 6, 8, 9, 10, 11, 19, 20
 Andromeda glaucophylla
 Anemone canadensis
 Aralia hispida
 Aralia nudicaulis
 Arceuthobium pusillum
 Arctostaphylos uva-ursi
 Arethusa bulbosa
 Arisaema atrorubens
 Asclepias incarnata
 Aster lateriflorus
 Aster novae-angliae 2
 Aster umbellatus
 Betula pumila
 Betula sandbergii
 Bidens coronata
 Boehmeria cylindrica
 Botrychium virginianum 4
 Bromus ciliatus
 Calamagrostis canadensis
 Calla palustris
 Calopogon pulchellus
 Caltha palustris 15
 Campanula aparinoides
 Chamaedaphne calyculata
 Chiogenes hispidula 9, 10, 11, 12, 13, 15
 Cicuta bulbifera
 Cicuta maculata
 Circaea alpina 15
 Cirsium muticum 19
 Clintonia borealis 4, 17, 19, 20
 Coptis trifolia 12, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15
 Corallorrhiza trifida
 Cornus canadensis 2, 3, 4, 6, 7, 8, 9, 12, 15, 16
 Cornus obliqua 20
 Cornus stolonifera 12, 3, 4, 9, 12, 13, 14
 Cypripedium acaule
 Cypripedium arietinum
 Cypripedium parviflorum
 Cypripedium pubescens 3, 4
 Cypripedium reginae
 Decodon verticillatus
 Diervilla lonicera
 Drosera intermedia
 Drosera longifolia
 Drosera rotundifolia
 Dryopteris linneana 1, 5, 19

Dryopteris phegopteris
 Dryopteris spinulosa 1, 2, 18
 Dryopteris thelypteris
 Dulichium arundinaceum
 Epigaea repens
 Epilobium adenocaulon
 Epilobium angustifolium
 Epilobium densum
 Equisetum scirpoides
 Eriophorum angustifolium
 Eriophorum virginicum
 Eriophorum viridi-carinatum
 Eupatorium perfoliatum
 Eupatorium maculatum
 Galium aparine
 Galium concinnum
 Galium labradoricum
 Galium trifidum
 Gaultheria procumbens
 Gaylussacia baccata
 Gentiana linearis
 Geum rivale
 Glyceria striata 12, 3, 6, 7, 9, 10, 11, 18, 19
 Goodyera repens
 Habenaria clavellata
 Habenaria dilatata
 Habenaria hyperborea
 Habenaria lacera
 Habenaria leucophaea
 Habenaria media
 Habenaria obtusata
 Habenaria psycodes sp. 6
 Halenia deflexa
 Helenium autumnale
 Hypericum virginicum
 Ilex verticillata
 Impatiens biflora 2
 Iris versicolor
 Iris virginica
 Juncus tenuis
 Kalmia polifolia
 Ledum groenlandicum 5, 6, 8, 9, 15
 Leersia oryzoides
 Linnaea borealis 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 17
 Liparis loeselii 18, 19, 20
 Listera cordata
 Lobelia kalmii
 Lobelia siphilitica

Lonicera caerulea
 Lonicera oblongifolia
 Lycopus uniflorus 21
 Lysimachia terrestris
 Maianthemum canadense 11, 13, 17
 Malaxis unifolia
 Menyanthes trifoliata
 Mimulus ringens
 Mitchella repens 17
 Mitella nuda 12, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15, 16, 18, 20
 Moneses uniflora 5, 13, 14, 17, 20
 Muhlenbergia mexicana
 Muhlenbergia racemosa
 Myrica gale
 Nemopanthus mucronata
 Onoclea sensibilis
 Osmunda cinnamomea
 Osmunda regalis
 Parnassia caroliniana
 Parthenocissus vitacea
 Pedicularis lanceolata
 Phalaris arundinacea
 Physocarpus opulifolius
 Poa palustris
 Pogonia ophioglossoides
 Polygala pauciflora 11
 Potentilla palustris 10
 Prenanthes alba
 Pyrola asarifolia
 Pyrola elliptica
 Pyrola rotundifolia 4
 Pyrola secunda 13, 18
 Ranunculus abortivus
 Rhamnus alnifolia 13
 Rhus radicans
 Rhus vernix
 Ribes americanum
 Ribes cynosbati 8
 Ribes hirtellum
 Ribes lacustre
 Ribes triste 14, 5, 18
 Rorippa palustris
 Rosa caroliniana
 Rubus idaeus 4, 19
 Rubus triflorus 12, 3, 4, 7, 8, 9, 11, 12, 13, 14, 15
 Rynchospora alba 16, 17, 18, 19, 20
 Salix candida
 Sarracenia purpurea

- | | | |
|-------------------------------------|--|---|
| ✓ <i>Saxifraga pennsylvanica</i> 20 | ✓ <i>Smilacina trifolia</i> ^{16, 18, 19,} 5, 6, 7, 8, 9, 10, 11, 13, 14, 15 | <i>Typha latifolia</i> |
| ✓ <i>Scirpus cyperinus</i> | <i>Smilax herbacea</i> | ✓ <i>Vaccinium angustifolium</i> |
| ✓ <i>Scirpus acutus</i> | ✓ <i>Solidago serotina</i> sp. 3, 17 | ✓ <i>Vaccinium macrocarpon</i> |
| ✓ <i>Scirpus hudsonianus</i> | ✓ <i>Spiraea alba</i> | ✓ <i>Vaccinium oxycoccus</i> 5 |
| ✓ <i>Scirpus rubrotinctus</i> | ✓ <i>Spiraea tomentosa</i> | ✓ <i>Vaccinium pennsylvanicum</i> |
| ✓ <i>Scirpus validus</i> | ✓ <i>Steironema lanceolatum</i> | ✓ <i>Viburnum opulus</i> |
| ✓ <i>Scutellaria epilobifolia</i> | ✓ <i>Symplocarpus foetidus</i> | ✓ <i>Viola canadensis</i> |
| ✓ <i>Scutellaria lateriflora</i> | ✓ <i>Thalictrum dasycarpum</i> | ✓ <i>Viola pallens</i> 2, 3, 4, 9, 12, 13 |
| ✓ <i>Selaginella selaginoides</i> | ✓ <i>Trientalis borealis</i> 3, 5, 6, 7, 8, 10, 11, 14, 15, 16 | ✓ <i>Vitis riparia</i> |
| ✓ <i>Sium suave</i> | ✓ <i>Triglochin maritima</i> 17, 18, 19, 20 | |

Additional species:

- ✓ *Galium triflorum* 1, 2, 3, 4, 6, 8, 9, 11, 12, 16, 18, 19
 ✓ *Carex disperma* 2, 3, 13, 15, 16, 20
 ✓ *C. triasp.* 4, 14, 17
 ✓ *Dryopteris cris.* 20
~~✓ *Rubus etc.*~~
 ✓ *Carex stricta* 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15, 17, 18, 19
 ✓ *Luzula cuneata* 3, 4, 15, 16, 17
 ✓ *Stellaria calycantha* 8
 ✓ *Actaea sp.*
 ✓ *Vaccin. myrt.*
 ✓ *Metanypium (?)* 14 16 17 18
 ✓ *Sphagnum* - 100%
 ✓ *Lonicera Canad.*
 ✓ *Strep.* 20
 ✓ *Carex pedunc.* 3
 ✓ *C. utrius* 3, 16
 ✓ *C. leptoc.* 1