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Plant Ecology Laboratory
Data Form 68

Av
BA

Station No. 5046

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+							
<i>Abies balsamea</i>	2	2	2			25	12.5	7.7	2	1.1	10.8	44
<i>Acer rubrum</i>												
<i>Acer spicatum</i>												
<i>Betula lutea</i>												
<i>B. papyrifera</i>												
<i>Carya cord.</i>												
<i>C. ovata</i>												
<i>Fraxinus nigra</i>												
<i>Juglans cinerea</i>												
<i>Larix laricina</i>	4	4	4			74	13.5	15.4	4	3.4	22.8	33
<i>Picea glauca</i>												
<i>P. mariana</i>	20	94	93	1		2080	10.4	26.9	94	95.4	2663	289
<i>Pinus resinosa</i>												
<i>P. strobus</i>												
<i>Pop. balsamifera</i>												
<i>P. grand.</i>												
<i>P. trem.</i>												
<i>Prunus serotina</i>												
<i>Pyrus americana</i>												
<i>Quercus bicolor</i>												
<i>Q. rubra</i>												
<i>Thuja occ.</i>												
<i>Tilia americana</i>												
<i>Tsuga can.</i>												
<i>Ulmus americana</i>												
<i>U. rubra</i>										132.2		

22.8
~~289~~
289
532.6

Total tran. 26 100
100 Av. Tr. Dis. 21.79 11.5 Av. BA 100.0 100 99.9 249.9 333 (555.4) shade 1.89
21.8

①	P.m 4.5 " 6 " 6 " 7.5 " 4	7 14 9 3	⑤	P.m 4 " 4 " 4 " 4 " 4	16 11 3 4	2 3 4	⑮	P.m 4 " 4.5 " 6 " 6.5 " 4	30 25 10	5 6 10
②	P.m 6.5 " 6 " 6 " 4 " 4	10 3 7 8	⑥	P.m 4.5 " 4.5 " 4.5 " 5 " 6.5	13 43 22	10 6 7	⑯	P.m 5.5 " 4.5 " 8 " 4.5 " 4	1 11 6	3 4 1
③	P.m 4.5 " 4.5 " 4 " 4.5	4 7 9 5	⑩	P.m 4.5 " 6.5 " 5 " 4.5	3 5 1	2 5 2	⑰	P.m 5.5 " 4 " 4 " 4.5	10 17 25	5 1 4
④	P.m 4 " 4.5 " 6 " 5	4 4 9 11 13 8	⑪	P.m 4 " 4.5 " 5 " 4 " 7.5	1 11 4 21 7.5	3 2 5	⑱	P.m 5.5 " 6 " 6 " 4 " 6	12 11 8	1 1 10
⑤	P.m 4 " 4.5 " 4 " 5 " 6	14 10 8 1	⑫	P.m 7 " 4 " 6.5 " 6 " 6	9 3 19 4	2 7 4	⑲	P.m 7 " 6 " 6.5 " 5 " 5.5	14 7 3	3 9 3
⑥	P.m 6.5 " 4 " 5 " 8 " 6	10 6 9 7 6	⑬	P.m 5 " 4 " 7 " 6 " 2' 10"	11 10 35	5 5 3	⑳	P.m 4 " 6 " 6.5 " 6 " 5	17 9 16	1 4 2
⑦	P.m 4 " 4 " 4 " 5 " 6 " 4.5 " 5.5 " 5.5 " 5.5	8 20 5 9 6 4.5	⑭	P.m 5 " 6 " 4.5 " 5.5 " 5.5	11 5 10 6 6	5 6 3 6				

666
22
269
24
29

J. JOHANNA JONES
 227 CLIFFORD COURT
 MADISON, WISCONSIN

Picea

4		92x	1	2'10"
4.5		23x	12.5	
5		18x	15.5	
5.5		16x	19.5	
6		5x	21.5	
6.5		16x	28	
7		8x	33	
7.5		4x	38	
8		2x	44	
		<u>1x</u>	<u>250</u>	
		93		

PG - 20

Larix

4		2x	120.5	100
5.5		1	214.5	94
6		1	28	<u>113</u>
				307

Abies

4		2x	120.5	100
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TABULATION FORM

CONIFER SWAMP

Stand No. 5046

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

5046

PRESENCE LIST

CONIFER BOG

Stand No.

8-19

Bog
Gallen
mich
Ca neg

Fett pos

Fett pos

✓ *Abies balsamea* 11
 ✓ *Acer rubrum*
Acer spicatum
Betula lutea
Betula papyrifera
Carya cordiformis
Fraxinus nigra

Juglans cinerea
 ✓ *Larix laricina*
Picea glauca
 ✓ *Picea mariana* 4, 19, 20
 ✓ *Pinus resinosa*
 ✓ *Pinus strobus*
Populus tremuloides

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

HERBS AND SHRUBS

Alnus incana
 ✓ *Alnus rugosa*
 ✓ *Andromeda glaucophylla* 3, 5, 7, 9, 10, 14, 19, 19, 20
Anemone canadensis
Aralia hispida
Aralia nudicaulis
Arceuthobium pusillum
Arctostaphylos uva-ursi
Arethusa bulbosa
Arisaema atrorubens
Asclepias incarnata
Aster lateriflorus
Aster novae-angliae
Aster umbellatus
 ✓ *Betula pumila* 16, 19, 10, 13, 11
Betula sandbergii
Bidens coronata
Boehmeria cylindrica
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis
 ✓ *Calla palustris*
Calopogon pulchellus
 ✓ *Caltha palustris*
 ✓ *Campanula aparinoides* 11, 16, 17, 18
 ✓ *Chamaedaphne calyculata* 12, 4, 6, 7, 9, 10
 ✓ *Chiogenes hispidula* 2, 3, 4, 6, 10, 12, 15, 16, 20
Cicuta bulbifera
Cicuta maculata
Circaea alpina
Cirsium muticum
Clintonia borealis
Coptis trifolia
Corallorrhiza trifida
 ✓ *Cornus canadensis*
Cornus obliqua
Cornus stolonifera
 ✓ *Cypripedium acaule*
Cypripedium arietinum
Cypripedium parviflorum
Cypripedium pubescens
Cypripedium reginae
Decodon verticillatus
Diervilla lonicera
Drosera intermedia
Drosera longifolia
Drosera rotundifolia 6
Dryopteris linneana

Dryopteris phegopteris
 ✓ *Dryopteris spinulosa* 15
 ✓ *Dryopteris thelypteris*
Dulichium arundinaceum
Epigaea repens
Epilobium adenocaulon
Epilobium angustifolium
 ✓ *Epilobium densum*
Equisetum scirpoides
Eriophorum angustifolium
 ✓ *Eriophorum virginicum* 15, 20, 17, 8, 5, 2
Eriophorum viridi-carinatum 4, 1
Eupatorium perfoliatum
 ✓ *Eupatorium maculatum*
Galium aparine
Galium concinnum
Galium labradoricum
 ✓ *Galium trifidum*
Gaultheria procumbens
Gaylussacia baccata
Gentiana linearis
Geum rivale
Glyceria striata
Goodyera repens
Habenaria clavellata 8
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* 19, 23, 4, 5, 6, 8, 9, 10, 11, 16, 17, 18
 ✓ *Ledum groenlandicum* 2, 3, 4, 5, 6, 7, 9, 11, 12, 15, 16, 17, 18, 19, 20
Leersia oryzoides
 ✓ *Linnaea borealis*
Liparis loeselii
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia
 ✓ *Lycopus uniflorus*
Lysimachia terrestris
 ✓ *Maianthemum canadense*
Malaxis unifolia
 ✓ *Menyanthes trifoliata* 2, 5, 6, 7, 8, 9, 10, 17, 16, 17, 18
Mimulus ringens
Mitchella repens
Mitella nuda
Moneses uniflora
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 15
 ✓ *Potentilla palustris*
Prenanthes alba
Pyrola asarifolia
Pyrola elliptica
 ✓ *Pyrola rotundifolia*
Pyrola secunda 14, 15
Ranunculus abortivus
 ✓ *Rhamnus alnifolia*
Rhus radicans
Rhus vernix
Ribes americanum
Ribes cynosbati
Ribes hirtellum
Ribes lacustre
Ribes triste
Rorippa palustris
Rosa caroliniana
 ✓ *Rubus idaeus*
 ✓ *Rubus triflorus*
Rynchospora alba
Salix candida
 ✓ *Sarracenia purpurea* 2, 4, 5, 6, 7, 10, 18

- ✓ *Saxifraga pennsylvanica*
- ✓ *Scirpus cyperinus*
- Scirpus acutus*
- Scirpus hudsonianus*
- Scirpus rubrotinctus*
- Scirpus validus*
- ✓ *Scutellaria epilobifolia*
- ✓ *Scutellaria lateriflora*
- Selaginella selaginoides*
- Sium suave*

- ✓ *Smilacina trifolia* 12, 13, 14, 15, 16, 17, 18, 19, 20
- Smilax herbacea*
- Solidago serotina*
- Spiraea alba*
- Spiraea tomentosa*
- Steironema lanceolatum*
- Symplocarpus foetidus*
- Thalictrum dasycarpum*
- Trientalis borealis*
- Triglochin maritima*

- Typha latifolia*
- Vaccinium angustifolium*
- Vaccinium macrocarpon*
- ✓ *Vaccinium oxycoccus* 3, 4, 7, 10, 11, 15, 17, 18
- Vaccinium pennsylvanicum*
- Viburnum opulus*
- Viola canadensis*
- ✓ *Viola pallens*
- Vitis riparia*

Additional species:

- ✓ *Vacc. myrt 16,*
- ✓ *Lysichiton*
- And. purshii ?? uliginosa of herbarium*
- ✓ *Alyssum erectata*
- Salix pedunculata*
- ✓ *Salix discolor*
- Carex pauciflora 18, 17, 6, 1,*
- C. limosa 19, 2,*
- C. disperma 14,*
- ✓ *C. paupercula 9,*
- ✓ *Aquatic scabra*
- ✓ *C. trisperma 11, 12, 13, 10, 20, 8, 3,*
- ✓ *Glyceria canadensis*