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Plant Ecology Laboratory
Data Form 68

Station No. 52

Tree	No.		Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD	
	Pts.	Tr.	12-80	81-320	321+	Dom.	Sap.	Seed	Tr.	Tr.	Index	
Abies balsamea												
Acer rubrum												
Acer spicatum												
Betula lutea												
B. papyrifera												
Carya cord.												
C. ovata												
Fraxinus nigra												
Juglans cinerea												
Larix laricina	1	2	2			32			43	2	1.8	8.1
Picea glauca									43	2	1.8	8.1
P. mariana	20	96	96			1672			86.9	96	95.4	278.3
Pinus resinosa	1	1	1			28			43	1	1.6	6.9
P. strobus	1	1	1			20			43	1	1.1	6.4
Pop. balsamifera												
P. grand.												
P. trem.												
Prunus serotina												
Pyrus americana												
Quercus bicolor												
Q. rubra												
Thuja occ.												
Tilia americana												
Tsuga can.												
Ulmus americana												
U. rubra												

Total tran.

23 100

Av. Tr. Dis.

1752

13.0

Av. BA

99.8

No. Tr./Acre

99.9

249.7

312

614.4

8-1

286.4

556.6

24-15

25.6

CONIFER SWAMP

Ecology Form # 71

Stand # 52

Redox

Conduc.

Field Data Sheet - Trees

Cat.Cap.

Location 41N7E8

pH

02

36" Bore

near moss

% Cover

25 510 for Rd
Hd 9

Basal Area

Larix Picea Thuja Pop.tr. Betula pap.

Pinus str

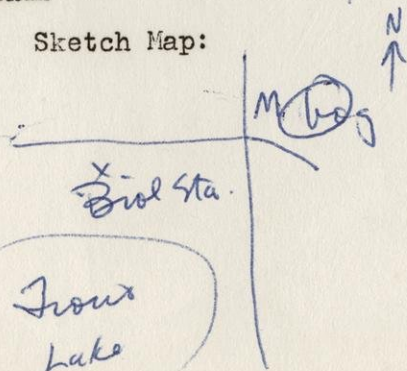
Pinus
res

Distances

5	4	5	4.5						6.0	31.0	2.0
		5	4.5						8.0	9.5	22.0
		5	6	5					16.0	8.0	8.0
		5	7	4.5					4.0	2.0	12.0
		6	5	4.5					8.0	2.0	20.0
		4	4	4					19.0	11.0	17.0
		7	4	4					13.5	21.0	14.0
		4.5	4						15.0	10.0	8.5
		5	5	5					17.0	3.5	25.0
		5	4						8.5	12.0	16.0
		5	6	4					7.0	11.5	5.0
		4	4	7					11.0	1.0	8.0
		5	4	7					35.0	15.0	9.0
		5.5	6.5						3.0	8.0	11.5
		5	4	4					7.0	16.0	25.0
		4	6						9.0	35.0	8.0
		4	4.5	4					10.0	19.0	14.0
		4.5	4	5					8.0	19.0	18.0
		5	2	5					14.0	19.5	2.5
		6	5						29.0	12.0	14.5
		4	7	4							
		4	4	4							
		4	5								
		4	4	4							
		4	4	4							
		4	4	6							
		6	4								
		5	4	4							
		4	4	4							
		5	4								
		4	5								
		4	4								
		5	6	5.5							
		4	4	5.5							
		4	4	4							
		5	4	4							
		6.5	4	4							
		4	5	4							

TOTALS

Sketch Map:



Larix

$$\begin{array}{r} 12 \\ 20 \\ \hline 32 \end{array}$$

Picea

[illegible]
$$50 \cdot 1.2 = 600$$

十一

$$6 \cdot 16 = 96$$

5 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ||

$$22.20 = 440$$

11.

$$2 \cdot 24 = 48$$

6 IIII II

7.28 = 196

118

$$3.34 = 102$$

7. ~~IIII~~

$$\underline{5.38} = 190$$

96

167 2

Pinus res

1.28

Pennis str

120

TABULATION FORM

CONIFER SWAMP

Stand No. 5052

[illegible]

[illegible]

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5052

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5052

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5052

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>																						
<i>Saxifraga pennsylvanica</i>																						
<i>Scheuchzeria palustris v</i>																						
<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 stellata</i>																						
<i>Smilacina trifolia</i>	✓	✓				✓	✓	✓		✓							✓	✓	✓		8	
<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>	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	18
<i>Vaccinium macrocarpon</i>																						
<i>Vaccinium myrtilloides</i>																						
<i>Vaccinium oxycoccos</i>	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓		13

TABULATION FORM

CONIFER SWAMP

Stand No. 5052

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 52

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

Juglans cinerea
✓ Larix laricina
Picea glauca
✓ Picea mariana 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
2, 2, 15 ✓ Andromeda glaucophylla 12, 13, 14,
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
Betula sandbergii
Bidens coronata
Boehmeria cylindrica
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis
Calla palustris
Calopogon pulchellus
Caltha palustris
11, 7 80 ✓ Campanula aparinoides 15, 16, 17, 18, 19,
17 5 ✓ Chamaedaphne calyculata 8, 9, 11, 12, 13,
✓ Chiogenes hispidula 9, 2, 3, 4, 5, 6,
Cicuta bulbifera
Cicuta maculata
Circaea alpina
Cirsium muticum
Clintonia borealis
Coptis trifolia
Corallorrhiza trifida
Cornus canadensis
Cornus obliqua
Cornus stolonifera
✓ Cypridium acaule
Cypridium arietinum
Cypridium parviflorum
Cypridium pubescens
Cypridium reginae
Decodon verticillatus
Diervilla lonicera
Drosera intermedia
Drosera longifolia
Drosera rotundifolia
Dryopteris linneana

Dryopteris phegopteris
✓ Dryopteris spinulosa
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
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
11, 7 80 ✓ Kalmia polifolia 15, 16, 17, 18, 19, 20
14, 7 100 ✓ Ledum groenlandicum 3, 5, 6, 7, 8, 9, 11, 12, 13, 14,
Leersia oryzoides 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
Linnaea borealis 11, 12, 13, 14, 15, 16, 17,
Liparis loeselii 18, 19, 20
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia
Lycopus uniflorus
Lysimachia terrestris
Maianthemum canadense
Malaxis unifolia
Menyanthes trifoliata
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
Potentilla palustris
Prenanthes alba
Pyrola asarifolia
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
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

Data Form No. 22 (P.2)

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

5.9 40 ✓ Smilacina trifolia 2, 5, 6, 7, 10, 11, 18, 19
Smilax herbacea
Solidago serotina
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
Trientalis borealis
Triglochin maritima

17, 20
14, 15, 16, 17, 18
8, 9, 10, 11, 12
13, 4, 5, 6, 7
9.6 65 ✓ Typha latifolia
Vaccinium angustifolium
Vaccinium macrocarpon
Vaccinium oxycoccus 2, 6, 7, 8, 9, 10, 11
Vaccinium pennsylvanicum 12, 13, 14
Viburnum opulus 16, 18, 19
Viola canadensis
Viola pallens
Vitis riparia

Additional species:

2, 2 15 ✓ Carex triep 2, 3, 4,
14.7 100 ✓ sph
11.0 75 ✓ Eriophorum 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20
2.2 15 ✓ C diop 10, 16, 19,
C paupercula (hills)
✓ C rostrata

7 680