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Plant Ecology Laboratory
Data Form 68

Station No. 56

Tree	No.		Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD
	Pts.	Tr.	80	81-	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											
Picea glauca											
P. mariana	20	92	92		1640				71.4	92	91.9 255.3 255
Pinus resinosa	6	6	6		100				21.4	6	5.6 33.0 66
P. strobus	2	2	2		44				7.1	2	2.5 11.6 24
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.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

28 180

1784

99.9 100

2999

345

672.5

56

$$\begin{array}{r} 16 \\ 28 \\ \hline 44 \end{array}$$

A res.

4	2.12	24
4.5	1.16	16
5	3.20	60
	<u>6</u>	<u>100</u>

Picea

$$\begin{array}{r} 35 \\ \underline{12} \\ 20 \\ 35 \\ \underline{420} \end{array}$$

9 IIII IIII IIIII IIIII IIIII IIIII

5

11
14

7 111

$$35 \times 12 = 420$$

$$14 \cdot 16 = 224$$

31 '20 - 620

$$2 \cdot 24 = 48$$

$$4 \cdot 28 = 112$$

34 102

3 - 38

92

1640

TABULATION FORM

CONIFER SWAMP

Stand No. 5056

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<u>Achillea millefolium</u>																							
<u>Actaea sp.</u>																							
<u>Adiantum pedatum</u>																							
<u>Agrostis gigantea</u>																							
<u>Agrostis perennans</u>																							
<u>Agrostis scabra</u>																							
<u>Alnus rugosa</u>	✓																						
<u>Amphicarpa bracteata</u>																							
<u>Anaphalis margaritacea</u>																							
<u>Andromeda glaucophylla</u>	✓												✓		✓					✓	✓	4	
<u>Anemone canadensis</u>																							
<u>Anemone riparia</u>																							
<u>Anemone virginiana</u>																							
<u>Angelica atropurpurea</u>																							
<u>Aralia hispida</u>																							
<u>Aralia nudicaulis</u>																							
<u>Arethusa bulbosa</u>																							
<u>Arisaema atrorubens</u>																							
<u>Asclepias incarnata</u>																							
<u>Asclepias syriaca</u>																							
<u>Asparagus officinalis</u>																							
<u>Aster junciformis</u>																							
<u>Aster lateriflorus</u>																							
<u>Aster macrophyllus</u>																							
<u>Aster novae-angliae</u>																							
<u>Aster umbellatus</u>																							
<u>Athyrium filix-femina</u>																							
<u>Barbarea vulgaris</u>																							
<u>Betula pumila</u>																							
<u>Bidens comosa</u>																							
<u>Bidens connata</u>																							
<u>Bidens coronata</u>																							
<u>Boehmeria cylindrica</u>																							
<u>Botrychium virginianum</u>																							
<u>Brachyelytrum erectum</u>																							
<u>Bromus ciliatus</u>																							
<u>Calamagrostis canadensis</u>																							
<u>Calla palustris</u>																							
<u>Calopogon pulchellus</u>																							
<u>Caltha palustris</u>																							
<u>Campanula aparinoides</u>																							
<u>Carex aquatilis</u>																							
<u>Carex arcta</u>																							
<u>Carex bebbii</u>																							
<u>Carex brunnescens</u>																							
<u>Carex cephalantha</u>																							
<u>Carex comosa</u>																							
<u>Carex crinita</u>																							
<u>Carex c. var. gynandra</u>																							
<u>Carex debilis</u>																							
<u>Carex deweyana</u>																							

TABULATION FORM

CONIFER SWAMP

Stand No. 5056

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Carex diandra																						
Carex disperma																						
Carex flava																						
Carex granularis var. ha																						
Carex hystericina																						
Carex interior																						
Carex intumescens																						
Carex lacustris																						
Carex lasiocarpa																						
Carex leptalea																						
Carex leptonervia																						
Carex limosa																						
Carex oligosperma																						
Carex pauciflora																						
Carex paupercula	✓																					
Carex pedunculata																						
Carex projecta																						
Carex pseudo-cyperus																						
Carex retrorsa																						
Carex scoparia																						
Carex sterilis																						
Carex stipata																						
Carex stricta																						
Carex tenuiflora																						
Carex trisperma	✓	✓		✓	✓	✓	✓	✓	✓		✓							✓		✓		10
Carex tuckermanni																						
Chamaedaphne calyculata	✓	✓								✓			✓	✓		✓			✓	✓		9
Chelone glabra																						
Cicuta bulbifera																						
Cicuta muculata																						
Cinna latifolia																						
Circaea alpine																						
Cirsium muticum																						
Clintonia borealis																						
Coptis groenlandica																						
Corallorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis	✓																					
Cornus obliqua																						
Cornus racemosa																						
Cornus stolonifera																						
Cypripedium acaule	✓																	✓				1
Cypripedium arietnum																						
Cypripedium calceolus																						
Cypripedium c var. pub																						
Cypripedium reginae																						
Cystopteris fragilis																						
Diervilla lonicera																						
Drosera intermedia																						
Drosera linearis																						
Drosera rotundifolia																						

[illegible]

CONIFER SWAMP

[illegible]

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>																							
<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>																							
<i>Ribes hirtellum</i>																							
<i>Ribes lacustre</i>																							
<i>Ribes triste</i>																							
<i>Rosa carolina</i>																							
<i>Rubus allegheniensis</i>																							
<i>Rubus idaeus</i>																							
<i>Rubus occidentalis</i>																							

TABULATION FORM

CONIFER SWAMP

Stand No. 5056

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																						
Rumex crispus																						
Rumex verticillatus																						
Sagittaria latifolia																						
Salix candida																						
Salix pedicellaris																						
Salix sp.																						
Sambucus canadensis																						
Sarracenia purpurea	✓																					
Saxifraga pennsylvanica																						
Scheuchzeria palustris v																						
Scirpus acutus																						
Scirpus cyperinus																						
Scirpus hudsonianus																						
Scirpus pedicellatus																						
Scirpus rubrotinctus																						
Scirpus validus																						
Scutellaria epilobifolia																						
Scutellaria lateriflora																						
Selaginella selaginoides																						
Senecio aureus																						
Sium suave																						
Smilacina stellata																						
Smilacina trifolia	✓				✓	✓	✓				✓				✓	✓	✓					7
Smilax herbacea																						
Smilax lasioneura																						
Solanum dulcamara																						
Solidago canadensis																						
Solidago gigantea																						
Solidago graminifolia																						
Solidago patula																						
Solidago purshii																						
Sphenopholis intermedia																						
Spiraea alba																						
Spiraea tomentosa																						
Stachys palustris var. h																						
Stachys tenuifolia																						
Stellaria longifolia																						
Streptopus roseus																						
Symplocarpus foetidus																						
Taxus canadensis																						
Thalictrum dasycarpum																						
Trientalis borealis	✓																					
Triglochin maritima																						
Trillium flexipes																						
Typha latifolia																						
Urtica dioica																						
Vaccinium angustifolium	✓	✓		✓			✓													✓		4
Vaccinium macrocarpon																						
Vaccinium myrtilloides	✓							✓			✓					✓	✓					4
Vaccinium oxycoccos	✓																					

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 56

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

Juglans cinerea
 ✓ Larix laricina
 Picea glauca
 ✓ Picea mariana 6
 ✓ Pinus resinosa sap
 ✓ 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
 43 20 Andromeda glaucophylla 12, 14, 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
 Betula sandbergii
 Bidens coronata
 Boehmeria cylindrica
 Botrychium virginianum
 Bromus ciliatus
 Calamagrostis canadensis
 Calla palustris
 Calopogon pulchellus
 Caltha palustris
 7.53 6 Campanula aparinoides 19, 20
 5.3 25 Chamaedaphne calyculata 1, 9, 12, 13, 15
 Chiogenes hispidula 4, 7, 16, 17, 19
 Cicuta bulbifera
 Cicuta maculata
 Circaea alpina
 Cirsium muticum
 Clintonia borealis
 Coptis trifolia
 Corallorrhiza trifida
 ✓ Cornus canadensis
 Cornus obliqua
 Cornus stolonifera
 1.6 5 Cypripedium acaule 17
 Cypripedium arietinum
 Cypripedium parviflorum
 Cypripedium pubescens
 Cypripedium 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
 1.6 5 Gaultheria procumbens 2
 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 16, 20
 9.6 5 Kalmia polifolia 2, 5, 6, 12, 13, 14, 15
 14.0 2.5 Ledum groenlandicum 1, 2, 3, 4, 5, 9, 10, 12
 Leersia oryzoides 13, 14, 15, 16, 18, 19
 Linnaea borealis 20
 Liparis loeselii
 Listera cordata
 Lobelia kalmii
 Lobelia siphilitica

Lonicera caerulea
 Lonicera oblongifolia
 Lycopus uniflorus
 Lysimachia terrestris
 ✓ Maianthemum canadense
 Malaxis unifolia
 Menyanthes trifoliata
 Mimulus ringens
 Mitchellia 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

Saxifraga pennsylvanica	7, 5 35 ✓ Smilacina trifolia 4, 5, 6, 10, 14, 15, 16	Typha latifolia
Scirpus cyperinus	Smilax herbacea	Vaccinium angustifolium 1, 3, 6, 20
Scirpus acutus	Solidago serotina	Vaccinium macrocarpon
Scirpus hudsonianus	Spiraea alba	Vaccinium oxycoccus
Scirpus rubrotinctus	Spiraea tomentosa	Vaccinium pennsylvanicum
Scirpus validus	Steironema lanceolatum	Viburnum opulus
Scutellaria epilobifolia	Symplocarpus foetidus	Viola canadensis
Scutellaria lateriflora	Thalictrum dasycarpum	Viola pallens
Selaginella selaginoides	Trientalis borealis	Vitis riparia
Sium suave	Triglochin maritima	

Additional species:

10, 150 ✓ Carex triep 1, 3, 4, 5, 6, 7, 8, 10, 17, 20

6, 430 ✓ Erioph. sp. 5, 9, 13, 14, 16, 19,

4, 3 20 ✓ Vacc myrt 7, 10, 15, 16,

Carex paup

1, 65 Carex sp 17,

213100 sph

7 470