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Plant Ecology Laboratory
Data Form 68

Station No. 5049

Tree	No.		Size Cl.sq.in.			No.	F%	F%	D%	Dom%	DFD		
	Pts.	Tr.	12-80	81-320	321+							Dom.	Sap.
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	100	100			22.9		22.9	100	100	100	300	300
Pinus resinosa													
P. strobus													
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

300

2.34

CONIFER SWAMP

Ecology Form # 71

Stand # 5049

Redox

Conduc.

Field Data Sheet - Trees

Cat.Cap.

Location Oneida
38N 7E 14

pH

02

36" Bore

% Cover

Basal Area

Larix Picea Thuja Pop.tr. Betula pap.

Distances

5 7 6					11' 8"	6 2	4 2
6.5 5							
4.5 4					12 4	12 1	3 2
7 5 6							
5 7.5					18 1	26 2	11 8
6 6 4.5							
4 7 6.5					12 1	13 2	0 7
6 6							
4 7					17 8	7 7	7 10
5 4 5							
6 5 4					4 9	8 1	19 11
4.5 6							
7 6 4					1 7	11 1	8 3
4 4							
4 5 6					12 2	7 1	10 2
5 4							
5 4 4.5					3 10	12 1	4 11
6 6.5							
5.5 4.5					7 1	6 10	8 1
4 4 5							
5 6 6					3 4	11 10	9 5
6.5 4							
8 5 7					5 9	5 6	7 4
7 4							
6 6.5					6 6	12 5	9 3
6 5 7 5							
4.5 6 4.5					5 4	9 4	9 3
5 4.5							
5 5 8					15 2	5 3	4 10
4.5 5							
6 5 6.5					16 1	9 1	8 7
5 7							
8 4.5 4					14 2	6 6	8 1
5 6							
5 4 4					13 1	12 2	12 11
6.5 5.5							
7 6 6					13 4	10 3	6 10
4.5 4.5							
4.5 4					3 11	16 2	10 3
4 4 4.5							

TOTALS

Sketch Map:

557
23
580
279
24
25

TABULATION FORM

CONIFER SWAMP

Stand No. 5049

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

TABULATION FORM

CONIFER SWAMP

Stand No. 5049

[illegible]

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5049

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5049

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5049

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>	✓					✓											✓					2	
<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 stellata</i>																							
<i>Smilacina trifolia</i>	✓		✓	✓	✓		✓	✓		✓		✓	✓		✓	✓	✓	✓	✓	✓		13	
<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>	✓									✓												1	
<i>Vaccinium macrocarpon</i>	✓										✓			✓		✓	✓		✓	✓	✓	7	
<i>Vaccinium myrtilloides</i>	✓					✓					✓								✓			3	
<i>Vaccinium oxycoccos</i>	✓		✓				✓		✓	✓	✓									✓		6	

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 5049

Abies balsamea
 ✓ Acer rubrum
 Acer spicatum
 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 11
 Sorbus americana
 Thuja occidentalis
 Tsuga canadensis
 Ulmus americana

HERBS AND SHRUBS

Alnus incana
 ✓ Alnus rugosa
 ✓ Andromeda glaucophylla 2, 4, 9, 15
 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
 Campanula aparinoides
 ✓ Chamaedaphne calyculata 1, 2, 3, 4, 5, 8, 12, 13, 15
 ✓ Chiogenes hispidula 5, 6, 2, 14, 15, 16, 17
 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
 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 2, 3, 14, 17, 18, 19, 20
 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 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 20
 ✓ Ledum groenlandicum 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
 Leersia oryzoides 11, 12, 13, 14, 15, 16, 17
 ✓ Linnaea borealis 19, 20
 Liparis loeselii
 Listera cordata
 Lobelia kalmii
 Lobelia siphilitica

Lonicera caerulea
 Lonicera oblongifolia
 Lycopus uniflorus
 Lysimachia terrestris
 Maianthemum canadense
 Malaxis unifolia
 ✓ Menyanthes trifoliata 11
 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 5, 16

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

Smilacina trifolia 2, 3, 4, 6, 7, 9, 11, 12, 14, 15, 16, 17, 18
 Smilax herbacea
 Solidago serotina
 Spiraea alba
 Spiraea tomentosa
 Steironema lanceolatum
 Symplocarpus foetidus
 Thalictrum dasycarpum
 Trientalis borealis
 Triglochin maritima

Typha latifolia
 ✓ Vaccinium angustifolium⁹
 ✓ Vaccinium macrocarpon^{8, 10, 13, 15, 16, 19, 20}
 ✓ Vaccinium oxycoccus^{2, 6, 8, 9, 11}
 Vaccinium pennsylvanicum¹⁹
 Viburnum opulus
 Viola canadensis
 ✓ Viola pallens
 Vitis riparia

Additional species:

✓ Vacc myrt 5, 11, 18
 ✓ Equis flav
 ✓ Carex oligosperma 9, 2, 5, 6, 4, 1, 7,
 ✓ Agrostis perennans
 ✓ C. intumescens
 ✓ Eriophorum
 ✓ C. v. 19, 18, 8, 14, 12, 16, 15,
 ✓ C. laevis