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CONIFER SWAMP

Ecology Form # 71

Field Data Sheet - Trees

Redox

Conduc.

Cat.Cap.

pH

02

36" Bore

Basal Area

Larix Picea Thuja Pop.tr. Betula pap.

Pall Co

Stand # 83 33 N 17 W 28

very wet quaking bog with
Location puddles + islands

surrounded by sedge

cover meadow.

(30) water at 1 1/2 ft.
Distances

35

60

45

70

35

12

65

35

12

12

15

12

40

30

25

20

35

15

35

25

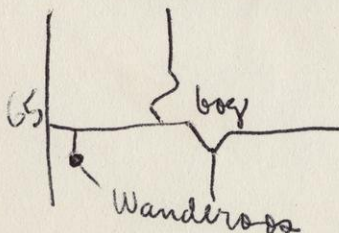
35

60

35

TOTALS

Sketch Map:



26

13

21

17

14

15.5

5

17.5

6.75

4

4

3.5

13.75

5.25

4.25

13.25

12

7.5

8.5

6.75

30 trees

Plant Ecology Laboratory
Data Form 68

Station No. 5083

Tree	No.		Size Cl.sq.in.			No.	F%	F%	D%	Dom%	DFD
	Pts.	Tr.	12-80	81-320	321-1048	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	20	30	30		1048			100	100	100	300
Picea glauca											
P. mariana											
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											

300

300

P bank
88-28
113-151

Total tran.

Av. Tr. Dis. 7.2

Av. BA

No. Tr./Acre

Lany

occurrence in the same as the same for the different and same.

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TABULATION FORM

CONIFER SWAMP

Stand No. 5083

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Agrostis nemoralis</i>	✓				✓																	1	1
<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>	✓		✓	✓	✓									✓		✓			✓	✓		7	4
<i>Amphicarpa bracteata</i>																							
<i>Anaphalis margaritacea</i>																							
<i>Andromeda glaucophylla</i>	✓																						
<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>	✓	✓																				1	1
<i>Bidens comosa</i>																							
<i>Bidens connata</i>																							
<i>Bidens coronata</i>	✓	✓	✓															✓				3	2
<i>Boehmeria cylindrica</i>																							
<i>Botrychium virginianum</i>																							
<i>Brachyelytrum erectum</i>																							
<i>Bromus ciliatus</i>																							
<i>Calamagrostis canadensis</i>	✓	✓	✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓					12	7
<i>Calla palustris</i>	✓	✓			✓	✓														✓		4	2
<i>Calopogon pulchellus</i>																							
<i>Caltha palustris</i>																							
<i>Campanula aparinoides</i>	✓			✓							✓	✓										2	1
<i>Carex aquatilis</i>																							
<i>Carex arcta</i>																							
<i>Carex bebbii</i>																							
<i>Carex brunnescens</i>																							
<i>Carex cephalantha</i>																							
<i>Carex comosa</i>	✓							✓			✓	✓					✓					4	
<i>Carex crinita</i>																							
<i>Carex c. var. gynandra</i>																							
<i>Carex debilis</i>																							
<i>Carex deweyana</i>																							

C. canescens

3

[illegible]

Stand No. 5083

[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>Hystrix patula</i>																							
<i>Ilex verticillata</i>	✓	✓															✓					1	1
<i>Impatiens capensis</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	11	6
<i>Iris versicolor</i>																							
<i>Iris virginica</i>																							
<i>Juncus canadensis</i>																							
<i>Juncus effusus</i>																							
<i>Juncus tenuis</i>																							
<i>Juniperus communis</i> var.																							
<i>Kalmia polifolia</i>																							
<i>Lactuca biennis</i>																							
<i>Lathyrus palustris</i>																							
<i>Ledum groenlandicum</i>																							
<i>Leersia oryzoides</i>																							
<i>Linnaea borealis</i>																							
<i>Liparis loeselii</i>																							
<i>Listera cordata</i>																							
<i>Lobelia siphilitica</i>																							
<i>Lonicera canadensis</i>																							
<i>Lonicera dioica</i>																							
<i>Lonicera oblongifolia</i>	✓	✓																					
<i>Lonicera villosa</i>																							
<i>Luzula acuminata</i>																							
<i>Lycopodium annotinum</i>																							
<i>Lycopodium clavatum</i>																							
<i>Lycopodium lucidulum</i>																							
<i>Lycopodium obscurum</i>																							
<i>Lycopus uniflorus</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20	12
<i>Lysimachia ciliata</i>																							
<i>Lysimachia hybrida</i>																							
<i>Lysimachia quadriflora</i>																							
<i>Lysimachia terrestris</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19	12
<i>Lysimachia thyrsiflora</i>																							
<i>Maianthemum canadense</i>																							
<i>Malaxis unifolia</i>																							
<i>Melampyrum lineare</i>																							
<i>Menyanthes trifoliata</i>																							
<i>Mimulus ringens</i>																							
<i>Mitchella repens</i>																							
<i>Mitella diphylla</i>																							
<i>Mitella nuda</i>																							
<i>Moneses uniflora</i>																							
<i>Monotropa hypopithys</i>	✓	✓																					
<i>Monotropa uniflora</i>																							
<i>Muhlenbergia mexicana</i>																							
<i>Muhlenbergia racemosa</i>																							
<i>Myrica gale</i>																							
<i>Nasturtium officinale</i>																							
<i>Nemopanthus mucronata</i>																							
<i>Onoclea sensibilis</i>	✓	✓																				1	1
<i>Osmunda cinnamomea</i>																							

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5083

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	✓																		✓			1	1
Rumex crispus	✓											✓										1	1
Rumex verticillatus																							
Sagittaria latifolia	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓					✓	✓				✓	12	7
Salix candida																							
Salix pedicellaris																							
Salix sp.	✓								✓													1	1
Sambucus canadensis																							
Sarracenia purpurea																							
Saxifraga pennsylvanica																							
Scheuchzeria palustris v																							
Scirpus acutus																							
Scirpus cyperinus																							
Scirpus hudsonianus																							
Scirpus pedicellatus																							
Scirpus rubrotinctus																							
Scirpus validus																							
Scutellaria epilobifolia	✓	✓	✓					✓	✓			✓									✓	6	3
Scutellaria lateriflora																							
Selaginella selaginoides																							
Senecio aureus																							
Sium suave	✓			✓		✓		✓	✓	✓	✓	✓		✓	✓	✓		✓				11	6
Smilacina stellata																							
Smilacina trifolia																							
Smilax herbacea																							
Smilax lasioneura																							
Solanum dulcamara																							
Solidago canadensis																							
Solidago gigantea																							
Solidago graminifolia																							
Solidago patula																							
Solidago purshii																							
Sphenopholis intermedia																							
Spiraea alba	✓																		✓	✓		2	1
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	✓			✓																✓		2	1
Urtica dioica																							
Vaccinium angustifolium																							
Vaccinium macrocarpon	✓																		✓			1	1
Vaccinium myrtilloides																							
Vaccinium oxycoccos																							

TABULATION FORM

CONIFER SWAMP

Stand No. 5083

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Viburnum acerifolium																					
Viburnum lentago																					
Viburnum trilobum																					
Viola canadensis																					
Viola cucullata																					
Viola pallens	✓					✓		✓	✓		✓		✓		✓		✓			7	
Viola renifolia																					
Vitis riparia																					
Xanthoxylum americanum		-	-	-	-	✓	✓	-	✓		✓			-	✓	✓	✓	✓	✓	✓	✓
sp		-	-	-	-	✓	✓	-	✓		✓			-	✓	✓	✓	✓	✓	✓	✓

PRESENCE LIST

CONIFER BOG

Stand No. 83

7-22-54

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

Juglans cinerea
Larix laricina ^{* no young Larix seen}
Picea glauca
Picea mariana
Pinus resinosa
Pinus strobus
Populus tremuloides

Prunus serotina
Quercus bicolor
Quercus rubra ^{sagging}
Sorbus americana
Thuja occidentalis
Tsuga canadensis
Ulmus americana

HERBS AND SHRUBS

Alnus incana
Alnus rugosa 2, 3, 4, 13, 15, 18, 19,
Andromeda glaucophylla
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 1, 2, 17
Boehmeria cylindrica
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis 1, 2, 4, 8, 9, 10,
Calla palustris 1, 4, 5, 19,
Calopogon pulchellus
Caltha palustris
Campanula aparinoides 3, 11, 12
Chamaedaphne calyculata 4, 14, 16, 19,
Chiogenes hispidula
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 1, 2, 3, 4, 5, 6, 7, 8, 9,
Dulichium arundinaceum 1, 11,
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 6, 9, 20
Ilex verticillata 16,
Impatiens biflora 1, 3, 4, 6, 7, 8, 10, 17,
Iris versicolor
Iris virginica
Juncus tenuis
Kalmia polifolia
Ledum groenlandicum
Leersia oryzoides
Linnaea borealis
Liparis loeselii
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia
Lycopus uniflorus 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
Lysimachia terrestris 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
Maianthemum canadense 1,
Malaxis unifolia
Menyanthes trifoliata
Mimulus ringens
Mitchella repens
Mitella nuda
Moneses uniflora
Muhlenbergia mexicana
Muhlenbergia racemosa
Myrica gale
Nemopanthus mucronata
Onoclea sensibilis 1,
Osmunda cinnamomea
Osmunda regalis
Parnassia caroliniana
Parthenocissus vitacea
Pedicularis lanceolata
Phalaris arundinacea 18,
Physocarpus opulifolius
Poa palustris
Pogonia ophioglossoides
Polygala pauciflora
Potentilla palustris 5, 10, 12, 19, 20,
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 18,
Rynchospora alba
Salix candida
Sarracenia purpurea

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Saxifraga pennsylvanica	Smilacina trifolia	Typha latifolia 3, 19,
Scirpus cyperinus	Smilax herbacea	Vaccinium angustifolium
Scirpus acutus	Solidago serotina	Vaccinium macrocarpon 16,
Scirpus hudsonianus	Spiraea alba 18, 20,	Vaccinium oxycoccus
Scirpus rubrotinctus	Spiraea tomentosa	Vaccinium pennsylvanicum
Scirpus validus	Steironema lanceolatum	Viburnum opulus
Scutellaria epilobifolia 1, 2, 7, 8, 11, 20,	Symplocarpus foetidus	Viola canadensis
Scutellaria lateriflora	Thalictrum dasycarpum	Viola pallens 6, 8, 9, 11, 13, 15, 18,
Selaginella selaginoides	Trientalis borealis	Vitis riparia
Sium suave 3, 5, 7, 8, 9, 10, 11, 13, 14, 15, 17,	Triglochin maritima	

Additional species:

Sagittaria 1, 2, 3, 5, 6, 7, 8, 9, 10, 15, 16, 20
Glyceria canadensis
Collygnum sagittatum 7, 10, 11, 20
Carex tri-sperma 1, 2, 3, 4, 5, 9, 14, 16, 17, 18, 20
Sphagnum 1, 2, 3, 4, 5, 6, 7, 9, 12, 13, 14, 15, 16, 17, 18, 19, 20.
Dryopteris cristata 1, 9, 18,
Rumex crispus 11
Carex comosa 7, 11, 12, 17,
~~*Hypochaeris glabra* 6, 9, 20,~~
Salix sp. 8,
Asclepias ~~Asclepias~~ *meum.*
Aquilegia ^{*hyemalis*} 4,
Carex 6,
Carex ^{*hypochaeris*} 6, 7, 11, 13, 15, 16,
Carex di-sperma 8, 16,
Carex paup. 9, 13, 19,
~~*Aronia*~~
~~*Androsace*~~ *(glabra)* 13,
Monotropa —
Carex ~~*canadensis*~~ ^{*canescens*} 10, 11, 20,
~~*Carex*~~ *canescens* 8