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CONIFER SWAMP

Ecology Form # 71

Stand # 76

Field Data Sheet - Trees

Redox

Conduc.

Cat.Cap.

Location 42N10E 27

pH

O2

36" Bore sand

% Cover 40

Basal Area

~~Penns bank~~ 2.5'

Larix	Picea	Thuja	Pop.tr.	Betula pap.	Distances
				5.5 7	23.75 14.25 12.75
				5 4.5 4	16.25 6.25 13.5
	4			7 5	9.75 12.5 15.5
				4 4.5	14.5 12.5 10.25
				4.5 4 4	14.5 14.75 16.25
				5.5 4	13.75 11.25 24.25
				5 6.5 4	17.5 6.75 16.5
				4 4.5	29.75 18.5 6.5
				4.5 4 5.5	27.5 14.5 2.5
	4			5.5 8	16.25 24.0 25.25
				7.5 4.5	17.75 2.0 10.0
				6.5 5	4.25 29.0 13.75
				7 7 7	37.25 3.5 7.5
				5 5.5 7	10.25 35.0 5.25
				4 4 4	4.5 6.5 4.5
				6.5 4.5 4	23.0 24.25 46.0
				5 5 5.5	19.75 15.75 14.0
				4 5	6.75 8.0 3.5
				4 5 5.5	14.25 11.25 9.25
				4.5 5.5 4	9.75 6.75 7.5
				7.5 4.5 4	28.25 21.75 32.0
				4.5 4 4.5	
				4 4	
				4 4.5 5	
				4.5 4 5	
				4 7.5 4	
				7 6.5 4	

TOTALS

Sketch Map:

all 5075

Plant Ecology Laboratory
Data Form 68

Station No. 76

Tree	No.		Size Cl. sq. in.			No. Dom.	F% Sap.	F% Seed	D% Tr.	Dom% Tr.	DFD Index		
	Pts.	Tr.	12-	31-	321+								
Abies balsamea													
Acer rubrum													
Acer spicatum													
Betula lutea													
B. papyrifera													
Carya cord.													
C. ovata													
Fraxinus nigra													
Juglans cinerea													
Larix laricina													
Picea glauca													
P. mariana	2	2	2			24		9.1	2	1.1	12.2	12	24.4
P. resinosa	20	98	98			2148		40.9	98	48.9	287.8	288	863.4
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. 22 100 Av. Tr. Dis. 16 2172 Av. BA No. Tr./Acre 300 300 887.8

TABULATION FORM

CONIFER SWAMP

Stand No. 5076

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>	✓							✓						✓							2	
<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>																						

Carex canescens ✓

PRESENCE LIST

CONIFER BOG

Stand No.

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
Sorbus americana
Thuja occidentalis
Tsuga canadensis
Ulmus americana
Pinus banksiana

HERBS AND SHRUBS

~~Drift~~
Alnus incana
Alnus rugosa
Andromeda glaucophylla 8, 13
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, 6, 7
Chiogenes hispidula 8, 9, 10, 11, 12, B
Cicuta bulbifera 14, 15, 16, 17, 19, 19
Cicuta maculata 20
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 12
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, 3, 4, 7, 8, 10, 11, 12, 13, 14, 15
Ledum groenlandicum 5, 7, 11, 12, 13, 14, 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
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

Smilacina trifolia
 Smilax herbacea
 Solidago serotina
 Spiraea alba
 Spiraea tomentosa
 Steironema lanceolatum
 Symplocarpus foetidus
 Thalictrum dasycarpum
 Trientalis borealis
 Triglochin maritima

Typha latifolia
 ✓ Vaccinium angustifolium 2,3,7,8,11,
 Vaccinium macrocarpon 12,15,19,20
 Vaccinium oxycoccus
 Vaccinium pennsylvanicum
 Viburnum opulus
 Viola canadensis
 Viola pallens
 Vitis riparia

Additional species:

✓ Carex trist

~~Enoph. sp.~~

13 ✓ Carex ~~latifolia~~ ^{caligo} pa, 2,3,4,5,6,7,8,9,10,11,12,13,14,16,17,20

✓ Enoph. spissum 8,16,17,19,

100% sph

Carex unknown 9,

✓ Carex canescens