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CONIFER SWAMP

Ecology Form # 71

Stand # 72

Field Data Sheet - Trees

Redox.

Conduc.

Cat.Cap.

Location 42N 68 17

pH

02

36" Bore

% Cover 60

Basal Area

Bet. lnt. ~~Larix~~ Picea Thuja Pop. tr. Betula pap.

~~Frax~~ mg Abies

Distances

7	4.5	(140)	6	5.5	4	2.5	14.0	0.5
				5.4	4	14.0	8.0	23.0
			6.5	5.4	4	10.5	2.0	2.0
	4.5			5.5	5	12.75	8.0	1.5
				5.6	4	10.5	10.0	9.75
(180)		5		6.5	4	24.0	8.0	10.25
			(90)	5.5	5	8.75	9.25	5.5
				4.4	5	9.0	8.0	18.0
				5	4	3.0	40.0	11.5
4				5.5	7	1.5	10.75	2.0
		(120)		5.5	7	12.25	2.5	4.0
			7.5	4.5	5	10.75	11.5	11.25
4		6.5	4	6.5		17.5	5.0	7.0
(55)		5.5			5	13.5	6.0	8.0
				4.5	5	10.75	9.5	5.0
				6	4	8.0	12.5	21.5
			6	4.5	6	14.0	13.0	10.0
4.5			8	4	7	12.5	10.25	7.0
8				8	7	8.0	7.5	19.0
4					5	2.5	16.5	7.5
					6.5			

TOTALS

Sketch Map:

Maple Lake

K

Wag

Plant Ecology Laboratory
Data Form 68

Station No.

72 hwd 94

Tree	No. Pts.	No. Tr.	Size Cl. sq. in.			No. Dom.	F% Sap.	F% Seed	F% Tr.	D% Tr.	Dom% Tr.	DFD Index	
			12-80	81-320	321+								
Abies balsamea	19	69	69			1420			41.3	69	529	163.2	652 734.4
Acer rubrum													
Acer spicatum													
Betula lutea	5	6	5	1		308			10.9	6	11.5	28.4	196 213.0
B. papyrifera	5	5	4	1		208			10.9	5	7.8	23.7	144 118.5
Carya cord.													
C. ovata													
Fraxinus nigra	7	9	9			232			15.2	9	8.6	32.8	231 164.0
Juglans cinerea													
Larix laricina													
Picea glauca	2	2	2			67			4.3	2	2.5	8.8	63 35.2
P. mariana	1	1	1			16			2.2	1	0.6	3.8	4 7.6
Pinus resinosa													
P. strobus													
Pop. balsamifera													
P. grand.													
P. trem.	2	2	2			78			4.3	2	2.9	9.2	27 32.2
Prunus serotina													
Pyrus americana													
Quercus bicolor													
Q. rubra													
Thuja occ.	5	6	4	2		354			10.9	6	13.2	30.1	120 120.4
Tilia americana													
Tsuga can.													
Ulmus americana													
U. rubra													

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

46 100

2683

100

100

300

1437

1425.3

10.1

26.8

427

Dom/Acre 11,444

Ber lud

4	11	2.12	24
	1	1.16	16
7	1	1.38	38
8	1	1.50	50
		<u>1.180</u>	<u>180</u>
	6		308

Ray

72

4	i	1.12	12
5	ii	1.16	16
		2.20	40
6	i	1.28	28
7	ii	2.24	48
		1.38	38
8	i	<u>1.50</u>	<u>50</u>
	9		232

23
12
46
23
276

Area gl

1.12
1.55

Area mer
67
1.16

Shya

4		
5	1	1.16
6	1	1.20
		1.24
1		1.34
		1.140
		<u>1.120</u>
	6	354

Alies

4		23.12	276
5		4.16	64
		22.20	440
6		4.24	96
		7.28	196
7		2.32	64
1		5.38	190
8		1.44	44
		<u>1.50</u>	<u>50</u>
	69		1420

Popt

1.28
1.50
2 78

Ber pap

4	1	1.12
6	1	1.28
7	1	1.34
		1.44
1		<u>1.90</u>
	5	208

69

8
6
3
6
2
5
99

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5072

[illegible]

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5072

[illegible]

CONIFER SWAMP

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5092

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<u>Rubus pubescens</u>	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓			✓		✓	14	
<u>Rumex crispus</u>																							
<u>Rumex verticillatus</u>																							
<u>Sagittaria latifolia</u>																							
<u>Salix candida</u>																							
<u>Salix pedicellaris</u>																							
<u>Salix sp.</u>																							
<u>Sambucus canadensis</u>																							
<u>Sarracenia purpurea</u>																							
<u>Saxifraga pennsylvanica</u>																							
<u>Scheuchzeria palustris v</u>																							
<u>Scirpus acutus</u>																							
<u>Scirpus cyperinus</u>																							
<u>Scirpus hudsonianus</u>																							
<u>Scirpus pedicellatus</u>																							
<u>Scirpus rubrotinctus</u>																							
<u>Scirpus validus</u>																							
<u>Scutellaria epilobifolia</u>	✓																						
<u>Scutellaria lateriflora</u>																							
<u>Selaginella selaginoides</u>																							
<u>Senecio aureus</u>																							
<u>Sium suave</u>																							
<u>Smilacina stellata</u>																							
<u>Smilacina trifolia</u>																							
<u>Smilax herbacea</u>																							
<u>Smilax lasioneura</u>																							
<u>Solanum dulcamara</u>																							
<u>Solidago canadensis</u>																							
<u>Solidago gigantea</u>																							
<u>Solidago graminifolia</u>					✓																		
<u>Solidago patula</u>																							
<u>Solidago purshii</u>																							
<u>Sphenopholis intermedia</u>																							
<u>Spiraea alba</u>																							
<u>Spiraea tomentosa</u>																							
<u>Stachys palustris var. h</u>																							
<u>Stachys tenuifolia</u>																							
<u>Stellaria longifolia</u>																							
<u>Streptopus roseus</u>																							
<u>Symplocarpus foetidus</u>																							
<u>Taxus canadensis</u>																							
<u>Thalictrum dasycarpum</u>																							
<u>Trientalis borealis</u>	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓		✓	✓		✓		✓		13	
<u>Triglochin maritima</u>																							
<u>Trillium flexipes</u>																							
<u>Typha latifolia</u>																							
<u>Urtica dioica</u>																							
<u>Vaccinium angustifolium</u>																							
<u>Vaccinium macrocarpon</u>																							
<u>Vaccinium myrtilloides</u>	✓	✓																✓				1	
<u>Vaccinium oxycoccos</u>																							

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 72

✓ *Abies balsamea* 2, 3, 4, 5, 6, 7, 9, 12, 14, 17,
Acer rubrum 19, 20
 ✓ *Acer spicatum* 6, 9
Betula lutea 6, 9, 13,
Betula papyrifera 9,
Carya cordiformis
 ✓ *Fraxinus nigra* 1, 5, 6, 7, 11, 15, 20

Juglans cinerea
Larix laricina
Picea glauca
Picea mariana
Pinus resinosa
Pinus strobus
Populus tremuloides

Prunus serotina
Quercus bicolor
Quercus rubra
 ✓ *Sorbus americana* 8, 9, 12,
 ✓ *Thuja occidentalis* 2,
Tsuga canadensis
Ulmus americana

HERBS AND SHRUBS

1.5 20 ✓ *Alnus incana*
 ✓ *Alnus rugosa* 7, 14, 16, 20
Andromeda glaucophylla
Anemone canadensis
Aralia hispida
 1.1 15 ✓ *Aralia nudicaulis* 9, 10, 18,
Arceuthobium pusillum
Arctostaphylos uva-ursi
Arethusa bulbosa
 1.1 15 ✓ *Arisaema atrorubens* 3, 13, 15,
Asclepias incarnata
 0.5 5 ✓ *Aster lateriflorus*
Aster novae-angliae 11,
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
 0.5 5 ✓ *Chiogenes hispidula* 20
Cicuta bulbifera
Cicuta maculata
 2.2 30 ✓ *Circaea alpina* 2, 3, 11, 14, 16, 17,
Cirsium muticum 15, 17, 20 0.7 10
 4.1 55 ✓ *Clintonia borealis* 3, 6, 7, 8, 10, 11, 12, 13,
 5.6 75 ✓ *Coptis trifolia* 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13,
Corallorrhiza trifida 15, 18, 19, 20
 5.6 75 ✓ *Cornus canadensis* 1, 2, 3, 4, 5, 6, 7, 8, 12, 13,
Cornus obliqua 15, 17, 18, 19, 20
Cornus stolonifera
Cypripedium acaule
Cypripedium arietinum
Cypripedium parviflorum
Cypripedium pubescens
Cypripedium reginae
Decodon verticillatus
Diervilla lonicera
Drosera intermedia
Drosera longifolia
Drosera rotundifolia
 3.7 50 ✓ *Dryopteris* ~~linniana~~ 3, 5, 9, 10,
 12, 13, 14, 16, 17, 18,

1.9 25 ✓ *Dryopteris phegopteris* 5, 8, 10, 15, 19,
 3.3 45 ✓ *Dryopteris spinulosa* 12, 16, 11, 13, 14, 16, 17,
Dryopteris thelypteris 20 10
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
 0.5 5 ✓ *Glyceria striata*,
Goodyera repens
Habenaria clavellata
Habenaria dilatata
Habenaria hyperborea
Habenaria lacera
Habenaria leucophaea
Habenaria media
Habenaria obtusata 9, 11,
Habenaria psycodes
Halenia deflexa
Helenium autumnale
Hypericum virginicum
Ilex verticillata
 1.1 15 ✓ *Impatiens biflora* 13, 14, 16,
Iris versicolor
Iris virginica
Juncus tenuis
Kalmia polifolia
Ledum groenlandicum
Leersia oryzoides
 2.2 30 ✓ *Linnaea borealis* 7, 10, 12, 15, 16, 18,
Liparis loeselii
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia
 10 ✓ *Lycopus uniflorus* 3, 20
 0.9 ✓ *Lysimachia terrestris*
 60 ✓ *Maianthemum canadense* 2, 4, 5, 7, 8, 9, 10, 11,
 4.4 ✓ *Malaxis unifolia* 17, 18, 19, 20
Menyanthes trifoliata
Mimulus ringens
Mitchella repens
 20 ✓ *Mitella nuda* 2, 13, 16, 17,
 1.5 ✓ *Moneses uniflora*
Muhlenbergia mexicana
Muhlenbergia racemosa
Myrica gale
Nemopanthus mucronata
 ✓ *Onoclea sensibilis*
 5 ✓ *Osmunda cinnamomea* 12,
 0.5 ✓ *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
 10 ✓ *Pyrola secunda* 5, 11,
 0.7 ✓ *Ranunculus abortivus*
Rhamnus alnifolia
Rhus radicans
Rhus vernix
Ribes americanum
Ribes cynosbati
Ribes hirtellum
Ribes lacustre
 5 ✓ *Ribes triste* 13,
 0.5 ✓ *Rorippa palustris*
 0.5 ✓ *Rosa caroliniana*
 0.5 ✓ *Rubus idaeus* 16,
 20 ✓ *Rubus triflorus* 12, 34, 5, 6, 7, 10, 11, 13,
 5.2 ✓ *Rynchospora alba* 14, 15, 18, 20
Salix candida
Sarracenia purpurea

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
 4.865 ✓ Trientalis borealis 1, 2, 4, 6, 7, 8, 10, 11
 Triglochin maritima 12, 14, 15, 17, 19,

Typha latifolia
 Vaccinium angustifolium
 Vaccinium macrocarpon
 Vaccinium oxycoccus
 Vaccinium pennsylvanicum
 Viburnum opulus

5.2 ✓ Viola canadensis
 7.0 ✓ Viola pallens 2, 5, 6, 7, 9, 11, 12, 13,
 Vitis riparia 14, 15, 16, 17, 20

Additional species:

5.960 ✓ Carex brisp 1, 3, 4, 5, 6, 7, 10, 13, 15, 17, 18, 20

2.635 ✓ C. profl. base 2, 4, 5, 12, 15, 19, 20

5.2 ✓ Oxalis 1, 2, 6, 7, 9, 10, 12, 13, 15, 16, 17, 18, 19, 20

5.0 ✓ C. gyno 2, 6, 7, 8, 12, 13, 15, 16, 17, 19,

4.925 ✓ C. profl. base 5, 6, 16, 17, 19, 20

4.855 ✓ Galium trifl 1, 2, 3, 8, 9, 10, 14, 15, 16, 17, 19,

0.55 ✓ Drupp cris 6,

4.830 ✓ Carex disp 1, 5, 8, 11, 15, 20

4.865 ✓ C. star 1, 3, 3, 5, 6, 7, 11, 12, 14, 16, 17, 18, 20

4.55 ✓ Vall myrt 17,

1.815 ✓ Equis fluv 14, 15, 16,

✓ Luzula

1.925 ✓ Carex brisp 1, 2, 3, 6, 15,

1.710 ✓ Luzula 2, 9,

0.55 ✓ Lonicera can 12,

2.4100 aph

✓ C. stipata

7 = 1350