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Plant Ecology Laboratory
Data Form 68

Station No. 54

Tree	No.		Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD
	Pts.	Tr.	12-80	81-320	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	12	15	15			254			37.8	15	14.4 66.9
Picea glauca											
P. mariana	20	85	85			1504			62.5	85	85.6 233.1 300
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											

66.9

300

466.2

533.1

32 100

1758

3000

300

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

13.2

CONIFER SWAMP

Ecology Form # 71

Stand # 54

Field Data Sheet - Trees

Redox

Conduc.

Cat.Cap.

Location 41°N 9°E 34
2.2 mi W of Tuckat about Lake
% Cover 85

pH

02

36" Bore moss peat

Basal Area

Larix Picea Thuja Pop.tr. Betula pap.

Distances

4	4 5				9.75	17.0	3.5
5.5	5						
6.5	4 7				12.25	31.0	14.5
4	5 4				16.5	12.0	9.75
4	6.5 7				7.0	12.5	13.5
	5 5						
	4.5 4				4.75	8.75	7.0
	5 6 4						
	4.5 4				15.5	16.75	13.75
	4 5 5						
4.5	5 4				5.5	9.75	10.5
	4 4.5						
	4 6				8.0	11.0	7.5
	5 5 4						
5	4 4.5				10.5	11.0	10.5
4	5.5 4						
4	4 4.5				12.75	14.25	21.25
	4 4						
6	4.5 5				7.75	30.5	14.0
	5 5 4						
4.5	4.5 4.5				19.5	12.0	15.5
	4 4.5						
	4 4.5				15.5	14.5	8.0
	5 4 4						
4	6 4.5				13.25	18.0	23.5
4	5						
	4 4 5				14.0	11.25	12.5
	6.5 5 5						
5	4 6				9.5	11.25	14.5
	5 4.5						
4	5 4 4				13.5	16.5	13.0
	6						
	5 4 4				10.0	4.5	4.5
	4 4 4						
	4.5 5				26.0	21.0	12.0
	5.5 4.5						
	4 5 4				21	15.5	16.5
	5 4.5						

TOTALS

Sketch Map:



McHead Lake

bog

54

$$8 \cdot 12 = 18$$
$$2 \cdot 16 = 32$$
$$2 \cdot 20 = 40$$
$$1 \cdot 24 = 24$$
$$1. 28 = 28$$
$$1. \quad 34 = \underline{34}$$

15 ~~134~~ ~~112~~
254

Picea

$$3\overset{\checkmark}{0} \cdot 12 = 372$$
$$17 \cdot 16 = 272$$
$$25 \cdot 20 = 450$$
$$2 \cdot 24 = 48$$
$$6 \cdot 28 = 168$$
$$2 \cdot 34 = 128$$
 $2 \cdot 38 = 76$

$45 \overline{) 172}$

TABULATION FORM

CONIFER SWAMP

Stand No. 5054

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5054

[illegible]

CONIFER SWAMP

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5054

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5054

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. 5054

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>																							
<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>	✓												✓									1	
<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>	✓		✓												✓				✓	✓		4	
<i>Vaccinium macrocarpon</i>					✓																	1	
<i>Vaccinium myrtilloides</i>	✓		✓		✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	13	
<i>Vaccinium oxycoccos</i>	✓		✓			✓	✓			✓		✓				✓	✓	✓	✓	✓	✓	8	

TABULATION FORM

CONIFER SWAMP

Stand No. 5054

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 5054

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

HERBS AND SHRUBS

Alnus incana
Alnus rugosa
11 10 ✓ Andromeda glaucophylla 10, 11
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
9 5 Campanula aparinoides 19,
12 8 75 ✓ Chamaedaphne calyculata 1, 4, 5, 6, 8, 9, 11,
✓ Chiogenes hispidula 13, 14, 15, 16, 17, 18,
Cicuta bulbifera 19, 20
Cicuta maculata
Circaea alpina
Cirsium muticum
Clintonia borealis
Coptis trifolia
Corallorrhiza trifida
✓ Cornus canadensis
Cornus obliqua
Cornus stolonifera
9 5 Cypripedium acaule 16
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
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 15, 19, 20
12, 20 70 ✓ Kalmia polifolia 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13,
14, 5 85 ✓ Ledum groenlandicum 12, 3, 4, 5, 6, 7, 8, 10,
Leersia oryzoides 11, 12, 13, 5, 17, 18,
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
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 12,
Smilax herbacea
Solidago serotina
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
✓ Trientalis borealis
Triglochin maritima

Typha latifolia
3, 4 20 ✓ Vaccinium angustifolium 2, 4, 18, 20
. 9 5 ✓ Vaccinium macrocarpon 7
6, 8 40 ✓ Vaccinium oxycoccus 3, 5, 6, 9, 11, 16, 18
Vaccinium pennsylvanicum 19,
Viburnum opulus
Viola canadensis
Viola pallens
Vitis riparia

Additional species:

✓ ~~grass~~ Carex sp. stricta

11, 16 5 ✓ Vaccinium 2, 4, 6, 9, 11, 12, 13, 14, 15, 16, 17, 18, 20

7, 7 45 ✓ Eriophorum spicatum 2, 3, 7, 8, 9, 10, 11, 13, 20

6, 10 35 ✓ Carex disperma 1, 2, 5, 15, 16, 17, 19,

9 5 ✓ Carex flacca

4 15 ✓ Carex trisperma 13, 17, 19,

9 5 ✓ Phalaris

12, 100 sph ✓ C. crummeana

7585