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Ecology Form # 71

Stand # 74

Field Data Sheet - Trees

Conduc.	Cat.Cap.
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some young Allies
Location 41N 6E 22

02

36" Bore

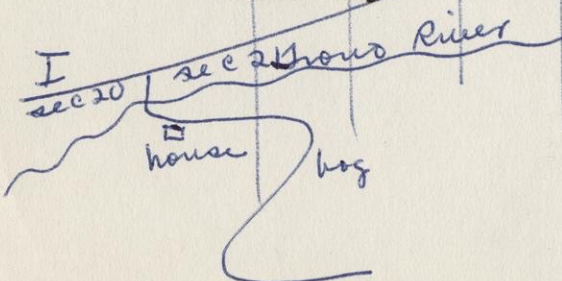
% Cover 70

Basal Area

Larix	Picea	Thuja	Pop.tr.	Betula pap.	Berberis	Alnus	Distances		
		4 4.5				4	8.0	13.0	7.5
		8 7							
	6.5	4			(125)	5 5	6.0	12.0	16.0
		6 7.5				4	18.0	15.5	2.5
		4 6			(135)	6			
		4.5				4	31.0	20.0	8.75
		7				4			
		6.5				6.5 6	8.0	27.0	8.0
		4				8 7	15.5	7.0	4.5
		4.5 6				6	16.0	11.5	19.5
		6.5 8				6	9.5	25.0	20.0
		7 6				4	26.0	14.5	3.5
		7 6.5					8.0	19.5	0.5
		5 5.5					8.0	14.75	8.0
		6 8					15.0	8.0	11.25
		8 8				5 4	13.75	4.5	1.5
		7.5 6				4	3.0	7.5	8.25
		8 8 4.5				8 4	3.5	10.75	19.0
		8 4 6.5		5			18.0	12.0	10.0
		4.5					8.0	9.5	5.5
		6.5 5					14.0	8.0	6.5
		4.5 7					14.0	16.75	8.25
		(80) 7				4	6.5	9.0	1.5
		8 (120)				4 8			
		6 7 5				6 6.5			
		4.5				4.5 7			
		5 8				4			
		7.5				5 5.5			
		4 4				4			
		7 5 8							
		4.5							
		4 6.5			(90)				
		4.5							
		4.5							
		6.5							
		5							
		5.5							

TOTALS

Sketch Map:


$$\begin{array}{r} 1 \\ 60 \overline{) 696} \\ \underline{60} \\ 96 \\ \underline{60} \\ 36 \\ \underline{30} \\ 60 \\ \underline{60} \\ 0 \end{array}$$

Plant Ecology Laboratory
Data Form 68

Station No. 74 Wood 25

Tree	No.		Size Cl. sq. in.			No.		F%	F%	D%	Dom%	DFD		
	Pts.	Tr.	12-80	81-320	321+	Dom.	Sap.	Seed	Seed	Tr.	Tr.	Tr.	Index	
Abies balsamea	16	30	30			698				39.0	30	21.9	90.9	364 409.0
Acer rubrum														
Acer spicatum														
Betula lutea	3	3		3		350				7.3	3	10.9	21.2	147 159.0
B. papyrifera	1	1	1			20				2.4	1	0.6	4.0	24 20.0
Carya cord.														
C. ovata														
Fraxinus nigra														
Juglans cinerea														
Larix laricina														
Picea glauca														
P. mariana	1	1	1			34				2.4	1	1.1	4.5	4 9.0
Pinus resinosa														
P. strobus														
Pop. balsamifera														
P. grand.														
P. trem.														
Prunus serotina														
Pyrus americana														
Quercus bicolor														
Q. rubra														
Thuja occ.	20	65	63	2		2082				48.8	65	65.4	179.2	716 716.8
Tilia americana														
Tsuga can.														
Ulmus americana														
U. rubra														

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

41

3184

999 100 999 299.8

1255

1313.8

11.4

301

Piera

1.34

Janya

4	###	8.12	96
5	###	10.16	160
	###	6.20	120
6	###	2.24	48
	###	7.28	196
7	###	7.34	238
	###	9.38	342
8	###	3.44	132
	###	11.50	550
		1.80	80
		1.120	120

50
50

65 2082

Bet pap

1.20

Bir lut

1.125

1.135

1.90

3.350

Alces

4 ### 12.12 144

1 1.16 16

5 ### 4.20 80

1 1.24 24

6 ### 5.28 140

11 2.34 68

2.38 96

8 III 3.50 150

30 698

TABULATION FORM

CONIFER SWAMP

Stand No. 5074

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5074

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Carex diandra																						
Carex disperma	✓								✓					✓		✓				✓	✓	5
Carex flava																						
Carex granularis var. ha																						
Carex hystericina																						
Carex interior																						
Carex intumescens																						
Carex lacustris																						
Carex lasiocarpa																						
Carex leptalea	✓		✓		✓					✓				✓								4
Carex leptonervia																						
Carex limosa																						
Carex oligosperma																						
Carex pauciflora																						
Carex paupercula																						
Carex pedunculata																						
Carex projecta																						
Carex pseudo-cyperus																						
Carex retrorsa																						
Carex scoparia																						
Carex sterilis																						
Carex stipata																						
Carex stricta																						
Carex tenuiflora																						
Carex trisperma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	18
Carex tuckermani																						
Chamaedaphne calyculata																						
Chelone glabra																						
Cicuta bulbifera																						
Cicuta muculata																						
Cinna latifolia																						
Circaea alpine	✓						✓															1
Cirsium muticum																						
Clintonia borealis	✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	11
Coptis groenlandica	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	21
Corallorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	16
Cornus obliqua																						
Cornus racemosa																						
Cornus stolonifera	✓																					
Cypripedium acaule																						
Cypripedium arietnum																						
Cypripedium calceolus																						
Cypripedium c var. pub																						
Cypripedium reginae																						
Cystopteris fragilis																						
Diervilla lonicera																						
Drosera intermedia																						
Drosera linearis																						
Drosera rotundifolia																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5074

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5074

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5074

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5074

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Sol. sp.</i>	✓																						
<i>Rubus pubescens</i>	✓	✓			✓		✓		✓	✓		✓	✓	✓		✓							9
<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>	✓	✓		✓	✓			✓			✓		✓		✓		✓	✓					9
<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>	✓		✓		✓			✓							✓		✓		✓	✓	✓		8
<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>																							
<i>Vaccinium myrtilloides</i>	✓	✓														✓				✓			3
<i>Vaccinium oxycoccos</i>																							

Stellaria calycantha ✓

[illegible]

PRESENCE LIST

CONIFER BOG

- ✓ *Abies balsamea* 14, 15, 16, 20,
Acer rubrum 15, 16, 18, 20
 ✓ *Acer spicatum*
Betula lutea 6, 8,
Betula papyrifera 20
Carya cordiformis
Fraxinus nigra

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

- Prunus serotina*
Quercus bicolor
Quercus rubra 19,
Sorbus americana
 ✓ *Thuja occidentalis* 8, 16,
 ✓ *Tsuga canadensis*
Ulmus americana

HERBS AND SHRUBS

- 2.425 ✓ *Alnus incana*
 ✓ *Alnus rugosa* 11, 12, 13, 15, 20, 1.0
Andromeda glaucophylla
Anemone canadensis
Aralia hispida
 2.9 30 ✓ *Aralia nudicaulis* 2, 3, 6, 10, 11, 12,
Arceuthobium pusillum
Arctostaphylos uva-ursi
Arethusa bulbosa
Arisaema atrorubens
Asclepias incarnata
 1.5 ✓ *Aster lateriflorus*
 ✓ *Aster novae-angliae* 2,
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
 4.5 45 ✓ *Chiogenes hispidula* 1, 2, 8, 10, 11, 15,
Cicuta bulbifera 16, 19, 20
Cicuta maculata
 1.5 ✓ *Circaea alpina* 6,
 5.3 55 ✓ *Cirsium muticum* 16, 17, 18, 19,
 9.6 100 ✓ *Clintonia borealis* 1, 2, 5, 8, 9, 10, 12, 16,
 7.7 80 ✓ *Coptis trifolia* 1, 2, 3, 4, 5, 6, 8, 9, 10, 11,
 ✓ *Corallorrhiza trifida* 11, 12, 13, 14, 15,
 ✓ *Cornus canadensis* 2, 3, 4, 5, 6, 8, 9, 10, 11,
Cornus obliqua 12, 14, 16, 17, 18,
 ✓ *Cornus stolonifera* 19, 20
Cypripedium acaule
Cypripedium arietinum
Cypripedium parviflorum
Cypripedium pubescens
Cypripedium reginae
Decodon verticillatus
Diervilla lonicera
Drosera intermedia
Drosera longifolia
 4.8 50 ✓ *Drosera rotundifolia*
 ✓ *Dryopteris* 11, 12, 13, 15,

- Dryopteris phegopteris*
 ✓ *Dryopteris spinulosa* 4, 12,
 ✓ *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
 20 *Habenaria lacera*
 19 *Habenaria leucophaea*
 18 *Habenaria media*
 17 10 1.0 *Habenaria obtusata* 11,
 ✓ *Habenaria psycodes*
 ✓ *Halenia deflexa*
 ✓ *Helenium autumnale*
 ✓ *Hypericum virginicum*
 ✓ *Ilex verticillata*
 5.5 *Impatiens biflora* 8,
 ✓ *Iris versicolor*
 ✓ *Iris virginica* sp
Juncus tenuis
Kalmia polifolia
 10 1.0 ✓ *Ledum groenlandicum* 15, 16,
Leersia oryzoides
 6.5 ✓ *Linnaea borealis* 1, 2, 4, 5, 6, 8, 10, 12, 14,
 6.2 *Liparis loeselii* 16, 17, 19, 20
 5 *Listera cordata* 7,
 5 *Lobelia kalmii*
 ✓ *Lobelia siphilitica*

- Lonicera caerulea*
Lonicera oblongifolia
 ✓ *Lycopus uniflorus*
Lysimachia terrestris
 1.5 ✓ *Maianthemum canadense* 9, 14, 16,
 1.4 *Malaxis unifolia*
Menyanthes trifoliata
Mimulus ringens
 2.9 30 ✓ *Mitchella repens*
 ✓ *Mitella nuda* 1, 2, 4, 8, 9, 11,
 1.5 ✓ *Moneses uniflora* 4, 14, 20
 1.4 ✓ *Muhlenbergia mexicana*
Muhlenbergia racemosa
Myrica gale
 10 10 ✓ *Nemopanthus mucronata* 2, 15,
Onoclea sensibilis
 1.0 10 ✓ *Osmunda cinnamomea* 9, 13,
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
 4.5 ✓ *Rubus triflorus* 1, 4, 6, 8, 9, 11, 12, 13, 15,
 4.5 *Rhynchospora alba*
 ✓ *Salix candida*
 ✓ *Sarracenia purpurea*

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Saxifraga pennsylvanica
Scirpus cyperinus
Scirpus acutus
Scirpus hudsonianus
Scirpus rubrotinctus
Scirpus validus
Scutellaria epilobifolia
Scutellaria lateriflora
Selaginella selaginoides
Sium suave

4.5 ✓ Smilacina trifolia 1, 3, 4, 10, 7, 13, 15, 17, 18
Smilax herbacea
✓ Solidago ~~serotina~~ spp
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
40 ✓ Trientalis borealis 2, 5, 8, 14, 16, 18, 19, 20
3, 8 Triglochin maritima
Typha latifolia
Vaccinium angustifolium 14, 74
Vaccinium macrocarpon
Vaccinium oxycoccus
Vaccinium pennsylvanicum
Viburnum opulus
Viola canadensis
2.4 25 ✓ Viola pallens 2, 4, 8, 11, 12
Vitis riparia

Additional species:

1.0 10 ✓ Lon can 9, 7,
0.5 5 ✓ Carex ~~stans~~ 9,
1.0 10 ✓ Dimp cris 2, 9,
2.4 25 ✓ Carex disp 8, 13, 15, 19, 20
1.4 15 ✓ Vac myos 1, 15, 19,
✓ Chusmeed as in 73 *Stellaria calycanthra*
1.9 20 ✓ Carex ~~draca~~ ^{septalen} 2, 4, 9, 12,
1.0 10 ✓ Urtica mac 4, 12,
✓ Actaea
✓ Thelypodium
✓ Laxus
8.6 90 Carex trisp 1, 2, 3, 4, 5, 6, 8, 9, 10, 7, 11, 13, 14, 15, 16, 17, 18, 19,
1.9 20 ✓ Galium trifl 2, 6, 8, 9,
✗
9.6 100 ✓