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Ecology Form # 71

Conduc.

Cat.Cap.

Stand # 63 = Lagen 7

Location 37N11E23

pH

02

36" Bore sand
at 8'
2'

% Gover 40

Basal Area 2.7×2.7

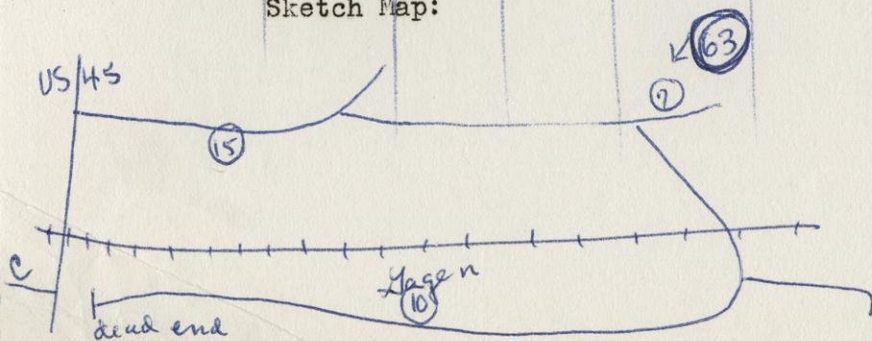
Larix Picea Thuja ~~Pop. tr.~~^{Scirp.} Betula pap.

Distances

4 4 4.5		6			24.5	16.25	10.0
4.5 4 4	6		7		28.0	8.0	8.0
4 4.5		5			17.0	13.0	23.5
4 4					11.25	11.75	2.5
4.5 4		4.5	4.5		9.75	8.0	7.5
5 4 6		6.5			12.5	37.0	36.0
4 4.5		6 6			19.5	9.5	34.0
4 4 4		6			45.0	7.5	27.0
5 4		7			18.0	5.0	27.0
4.5 4.5		7	7.5		13.0	4.5	12.0
5 4.5	7				9.0	11.5	16.5
4 4	6.5				18.5	14.5	23.0
4 6	7				23.5	18.5	14.25
4 5.5	8				22.5	8.75	17.5
5	4				17.5	15.75	33.0
4 4 4		5	7.5		13.75	14.0	9.25
4 4.5 4					7.5	31.0	15.0
4 4					21.0	3.0	10.5
5 5	8				28.0	10.0	8.0
4.5 6					21.0	22.0	15.5
5 4		5.5					
7.5 4.5							
4 4	6.5						
4 4.5							
4 4			9				
4 4.5	7.5						
4 4	8						
4 4.5							
7 4							
5.5 6							

TOTALS

Sketch Map:



Plant Ecology Laboratory
Data Form 68

Station No. 63 hand 32

Tree	No.		Size Cl.sq.in.			No.	F%	F%	D%	Dom%	DFD		
	Pts.	Tr.	80	81-	321+	Dom.	Sap.	Seed	Tr.	Tr.	Index		
Abies balsamea	20	70	70			1164			46.5	70	52.2	168.7	676 759.1
Acer rubrum													
Acer spicatum													
Betula lutea	5	5	5			252			11.6	5	11.3	27.9	196 209.2
B. papyrifera	1	1	1			16			2.3	1	0.7	4.0	24 20
Carya cord.													
C. ovata													
Fraxinus nigra													
Juglans cinerea													
Larix laricina													
Picea glauca													
P. mariana	9	11	11			428			20.9	11	19.2	51.1	151 51 102
Pinus resinosa													
P. strobus													
Pop.balsamifera													
P. grand.													
P. trem.													
Prunus serotina													
Pyrus americana													
Quercus bicolor													
Q. rubra													
Thuja occ.	8	13	13			370			18.4	13	16.6	48.2	192 192
Tilia americana													
Tsuga can.													
Ulmus americana													
U. rubra													

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

43

2230

999

100 299.9

1139

1282.3

16.7

141.4

Albus

4		35.12	420
5		18.16	288
6		7.20	140
7		3.24	92
8		4.28	112
9		1.38	38
10		1.44	44
11		1.50	50

70 1164

35
12
20
35
420
18
16
108
18
258

Picea

4	1	1.12	12
5			
6	1	1.28	28
7	1	2.34	68
8	1	2.38	76
9	1	1.44	44
10	1	4.50	200

11 428

Ber dur

7	1	1.38	38
8	1	2.44	88
9	1	2.63	126
10	1		252

Ber pap

1.16

Thuja

4	1	1.12	12
5	1	1.16	16
6	1	2.20	40
7	1	1.24	24
8	1	4.28	112
9	1	1.34	34
10	1	1.38	38
11	1	1.44	44
12	1	1.50	50

13 370

5
1
70
11
13
100

TABULATION FORM

CONIFER SWAMP

Stand No. 5063

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5063

[illegible]

CONIFER SWAMP

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5063

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5063

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5063

[illegible]

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 63

- ✓ *Abies balsamea* 9, 12, 14, 16, 19, 20
 ✓ *Acer rubrum* 2, 3, 5, 6, 7, 11, 12, 13, 14
Acer spicatum 19, 20
 ✓ *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* 12
 ✓ *Thuja occidentalis*
 ✓ *Tsuga canadensis*
Ulmus americana

HERBS AND SHRUBS

- 1.6
15
✓ *Alnus incana*
 ✓ *Alnus rugosa* 1, 3, 10,
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
Boehmeria cylindrica
Botrychium virginianum
Bromus ciliatus
Calamagrostis canadensis
Calla palustris
Calopogon pulchellus
Caltha palustris
Campanula aparinoides
Chamaedaphne calyculata
 ✓ *Chiogenes hispidula* 12
Cicuta bulbifera
Cicuta maculata
Circaea alpina
Cirsium muticum
 ✓ *Clintonia borealis* 2, 4, 5, 7, 10, 11, 14, 17
 ✓ *Coptis trifolia* 1, 2, 3, 4, 5, 6, 7, 8, 9, 11
Corallorrhiza trifida 12, 14, 15, 16
 ✓ *Cornus canadensis* 2, 3, 4, 6, 7, 8, 9, 10
Cornus obliqua 11, 12, 13, 14, 15, 16, 17, 18
Cornus stolonifera 19, 20
 ✓ *Cypripedium acaule* 12
Cypripedium arietinum
Cypripedium parviflorum
Cypripedium pubescens
Cypripedium reginae
Decodon verticillatus
Diervilla lonicera
Drosera intermedia
Drosera longifolia
Drosera rotundifolia
 ✓ *Dryopteris linneana* 13, 17,
disjuncta

- 4, 4
40
✓ *Dryopteris phegopteris*
 ✓ *Dryopteris spinulosa* 1, 2, 10, 11, 13, 16, 18, 19
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* s/p
Iris virginica
Juncus tenuis
Kalmia polifolia
 ✓ *Ledum groenlandicum*
 ✓ *Leersia oryzoides*
 ✓ *Linnaea borealis* 1, 7, 10, 11, 13, 17, 19, 20
Liparis loeselii
Listera cordata
Lobelia kalmii
Lobelia siphilitica

- Lonicera caerulea*
Lonicera oblongifolia
Lycopus uniflorus
Lysimachia terrestris
 ✓ *Maianthemum canadense* 16, 9, 11, 12, 13, 14
Malaxis unifolia 17, 18, 19
Menyanthes trifoliata
Mimulus ringens
Mitchella repens
Mitella nuda
Moneses uniflora
Muhlenbergia mexicana
Muhlenbergia racemosa
 ✓ *Myrica gale*
 ✓ *Nemopanthus mucronata* 18
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

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

~~1.6~~ 1.5 v Smilacina trifolia 2, 10, 20
 Smilax herbacea
 Solidago serotina
 Spiraea alba
 Spiraea tomentosa
 Steironema lanceolatum
 Symplocarpus foetidus
~~6.0~~ 5.5 Thalictum dasycarpum
 Trientalis borealis 1, 2, 5, 6, 10, 11, 12, 16, 17, 19, 20
 Triglochin maritima

~~0.5~~ 5.5 Typha latifolia
~~5~~ 5 v Vaccinium angustifolium, 13, 18
 Vaccinium macrocarpon
 Vaccinium oxycoccus
 Vaccinium pennsylvanicum
 Viburnum opulus
~~5.5~~ 5.5 Viola canadensis
~~5.0~~ 5.0 Viola pallens, 1, 3, 5, 10, 11, 16, 17, 18, 19, 20
 Vitis riparia

Additional species:

~~1.6~~ 1.5 ✓ Lonicera canadensis 1, 9, 13.
~~8.2~~ 3.5 c Oxalis montana 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 19
~~10.4~~ 9.5 ✓ Carex bruchmanni 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20
~~3.3~~ 3.0 v Equisetum - flex 1, 4, 6, 11, 18, 20
~~2.7~~ 2.5 ✓ grass 10, 14, 16, 17, 18
~~2.2~~ 2.0 v Carex star 2, 10, 13, 16
~~1.6~~ 1.5 v Carex dispensa 4, 7, 11
~~2.7~~ 2.5 v Vacc. Myrtilleus 7, 12, 15, 16, 20
~~5~~ 5 v Lycopodium ^{obs 8} ~~curum~~
 Lycopodium spec. americanum
 10.9 100 sph

7 915