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Indian gipsy
Live-weed

CONIFER SWAMP

Ecology Form # 71

Field Data Sheet - Trees

Stand # 88 - July 24

Redox

Conduc.

Cat.Cap.

Location Rush
33 N 9 W 31

pH

02

36" Bore

% Cover 20

Basal Area

Larix Picea Thuja Pop.tr. Betula pap. - White Pine

Distances

Tree	Red	Larix	Picea	Thuja	Pop.tr.	Betula pap.	White Pine	Distances
4		7.5	4.5				(60)	22, 21.25, 18.5
8		4.5	5					8.5, 11.75, 17.75
8		4	6					4.5, 8.5, 18
		6		6.5				4, 6.5, 14.5
		5						10.75, 19, 24.5
		7.5						30, 14.25, 4.5
		4	5	4				8.25, 11.25, 17.5
		4.5		4.5				20.5, 12.5, 13.25
		4	4	4				13.5, 19.5, 11.5
		4		4.5				21.25, 13.75, 14.25
		4		5	4			13.5, 3.5, 6.5
			4.5	5				33.5, 17, 5.75
		4	4.5				(30)	7.5, 7.5, 8
		6	4.5				(40)	10.5, 5, 20.5
		4.5	5					16.25, 6, 7.5
		4.5	5.5					14.5, 7.5, 19
		4.5	5.5	4.5			7.5	4.5, 16.75, 4.75
		6					7.5	13.25, 8.5, 4.5
(25) (45)		8						6.5, 6, 4.5
(30)		4	5				4.5	7.5, 7, 3.25
(45)		6					7.5	
		4.5	6					
		7	7.5					
		4	8.5					
		5	4	4.5				
		4.5	7				8	
		8	5					
		5	5	4.5				
		4.5	5.5					
		4.5	5	5				
		5	6					
TOTALS		5	5					
		4	4	6				

Sketch Map:



Plant Ecology Laboratory
Data Form 68

Station No. 5088

Tree	No.		Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD	
	Pts.	Tr.	80	81-	321+	Dom.	Sap.	Seed	Tr.	Tr.	Tr.	Index
Abies balsamea												
Acer rubrum												
Acer spicatum												
Betula lutea												
B. papyrifera												
Carya cord.												
C. ovata												
Fraxinus nigra												
Juglans cinerea												
Larix laricina	20	69	69			1436			49.6	69	64.3	180.9
Picea glauca												
P. mariana	9	15	15			250			21.4	15	11.2	47.6
Pinus resinosa	4	7	7			265			9.5	7	11.9	28.4
P. strobus	8	8				232			19.0	8	10.4	37.4
P. resinosa	1	1	1			50			2.4	1	2.2	5.6
Pop. balsamifera												
P. grand.												
P. trem.												
Prunus serotina												
Pyrus americana												
Quercus bicolor												
Q. rubra												
Thuja occ.												
Tilia americana												
Tsuga can.												
Ulmus americana												
U. rubra												

180.9

228.5

95.2

85.2

149.6

19.6

530.5

Total tran. 42

Av. Tr. Dis. 2233 Av. BA

No. Tr./Acre

342

Jack

88

41

5

61

7

81

12
28
50

35
45
50
45

Pm str

9.5 11
4.5 1
8 1

60
30
40

Red pins
1.50

Lair

4 ~~###~~
5 ~~###~~
6 ~~###~~

7 ~~###~~
8 ~~###~~

Area mar

4 ~~###~~
5 ~~###~~

6
7
8

15 250

265

69 1436

232

TABULATION FORM

CONIFER SWAMP

Stand No. 5088

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>																							
<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>																							

C. canescens ✓

✓ ✓

✓

3

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5088

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5088

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Junc sp	✓																				
Hystrix patula																					
Ilex verticillata																					
Impatiens capensis																					
Iris versicolor																					
Iris virginica																					
Juncus canadensis																					
Juncus effusus																					
Juncus tenuis																					
Juniperus communis var.																					
Kalmia polifolia																					
Lactuca biennis																					
Lathyrus palustris																					
Ledum groenlandicum	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Leersia oryzoides																					
Linnaea borealis																					
Liparis loeselii																					
Listera cordata																					
Lobelia siphilitica																					
Lonicera canadensis																					
Lonicera dioica																					
Lonicera oblongifolia																					
Lonicera villosa																					
Luzula acuminata																					
Lycopodium annotinum																					
Lycopodium clavatum																					
Lycopodium lucidulum																					
Lycopodium obscurum																					
Lycopus uniflorus	✓											✓									
Lysimachia ciliata																					
Lysimachia hybrida																					
Lysimachia quadriflora																					
Lysimachia terrestris	✓																				
Lysimachia thyrsiflora																					
Maianthemum canadense																					
Malaxis unifolia																					
Melampyrum lineare																					
Menthanthes trifoliata																					
Mimulus ringens																					
Mitchella repens																					

CONIFER SWAMP

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5088

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>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20
<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>	✓							✓	✓														2
<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>	✓					✓							✓			✓							3
<i>Vaccinium macrocarpon</i>																							
<i>Vaccinium myrtilloides</i>	✓		✓		✓		✓		✓				✓	✓	✓								7
<i>Vaccinium oxycoccos</i>	✓				✓								✓			✓	✓		✓	✓	✓		7

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. 88

Abies balsamea

Acer rubrum

Acer spicatum

Betula lutea

Betula papyrifera 19

Carya cordiformis

Fraxinus nigra

Juglans cinerea

Larix laricina

Picea glauca

✓ Picea mariana 9, 10

✓ Pinus resinosa

✓ Pinus strobus 3

✓ Populus tremuloides 22

Prunus serotina

Quercus bicolor

✓ Quercus rubra 10, 14

Sorbus americana

Thuja occidentalis

Tsuga canadensis

Ulmus americana

HERBS AND SHRUBS

Alnus incana

Alnus rugosa

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 4, 9, 10, 12, 14

Chiogenes hispidula

Cicuta bulbifera

Cicuta maculata

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 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

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 1

Ilex verticillata

Impatiens biflora

Iris versicolor

Iris virginica

Juncus tenuis

Kalmia polifolia

✓ Ledum groenlandicum 12, 3, 4, 5, 6, 7, 8, 9, 10

Leersia oryzoides

Linnaea borealis 12, 14, 15, 16, 18, 19

Liparis loeselii 20

Listera cordata

Lobelia kalmii

Lobelia siphilitica

Lonicera caerulea

Lonicera oblongifolia

✓ Lycopodium uniflorum 11

✓ 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 10, 11

✓ Rubus triflorus

Rynchospora alba

Salix candida

✓ Sarracenia purpurea

88 - July 24

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

Smilacina trifolia 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
 Smilax herbacea 1, 2, 13, 14, 15, 16, 17, 18, 19, 20
 Solidago serotina 1, 2, 13, 14, 15, 16, 17, 18, 19, 20
 Spiraea alba 9, 10
 Spiraea tomentosa 9, 10
 Steironema lanceolatum
 Symplocarpus foetidus
 Thalictrum dasycarpum
 Trientalis borealis
 Triglochin maritima

Typha latifolia
 Vaccinium angustifolium 6, 12, 16
 Vaccinium macrocarpon 5, 12, 15, 16, 18
 Vaccinium oxycoccus 5, 12, 15, 16, 18
 Vaccinium pennsylvanicum 19, 20
 Viburnum opulus
 Viola canadensis
 Viola pallens
 Vitis riparia

Additional species:

- ✓ Sphagnum 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 18, 19, 20
 ✓ Carex lasiocarpa 1, 2, 3, 4, 5, 6, 8, 12, 14, 16, 19, 20
 ✓ Carex tri. spenna 8, 15, 18, 19,
 ✓ Iris sp.
 ✓ Carex pauciflora
 ✓ Vaccinium myrt. 3, 5, 7, 9, 12, 13, 14,
 ✓ Eriophorum sp. 6, 7, 17, 18, 19, 20
 ✓ Dryopteris crist.
 ✓ Salix sp.
~~Carex ^{angusta} lasiocarpa 10, 13,~~
 ✓ Monotropa unifl.
 ✓ Prunus pennsylvanica
 ✓ Carex canescens 11, 10, 13
 ✓ ~~Carex canescens~~