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Plant Ecology Laboratory
Data Form 68

Station No.

Pt Beach

5119

Tree	No. Pts.	No. Tr.	Size Cl. sq. in.			No. Dom.	No. Sap.	F% Seed	F% Tr.	D% Tr.	Dom% Tr.	DFD Index	
			12-80	81-320	321+								
Abies balsamea													
Acer rubrum													
Acer spicatum													
Betula lutea													
B. papyrifera													
Carya cord.													
C. ovata													
Fraxinus nigra													
Juglans cinerea													
Larix laricina	16	40	40			3614			44.4	40	379	122.3	122
Picea glauca													
P. mariana													
Pinus resinosa													
P. strobus													
Pop. balsamifera													
P. grand.													
P. trem.													
Prunus serotina													
Pyrus americana													
Quercus bicolor													
Q. rubra													
Thuja occ.	20	60	60			5916			55.6	60	62.1	172.7	711
Tilia americana													
Tsuga can.													
Ulmus americana													
U. rubra													

Total tran.

Av. Tr. Dis. 7

Av. BA

No. Tr./Acre

9530

400 100 100

833

833

Thuya

harux

P+Beach

5119

6.5. 8.5.
4. 7
5.5. 7.
5. 10.5.
4.5. 5.
5. 4.5.
5. 5.5.
6.
10.
5.5.
5.0-5.5
9.0.
5. 5.
(21) 5.5.
7.
4.
6 6.
6.5.
4.5.
5.5.
5.5.
6.5.
6.0.
4.0.
5.5.
6.5.
7.0.
4.0.
(22).
5.5.
5.5.
4. 5.5
5.
5. 4.5
4.
6.5 5
5.0. 6.0. 4.5
4. 5
5.5 5. 4.5

154
133
201
78
50
95
78
154
314
78
64
64
78
78
78
96
113
314
95
78
95
154
78
78
21
95
154
50
113
113
133
64
95
95
133
113
50
96
133
154
50
22
95
95
95
50
78
78
50
64
133
78
78
113
64
50
78
95

6.5

4.5

8.5

6.5 6

6.5

4.0

4.0

4.5

4 7.5

5

5.5

6.0

4.5

5.5 6.5

4.5 4.5

5.0 6.5

5.5 4.5

6.5

4.5 6.5

5.5

6.5 5.5

(28)

(22) 4

5

4 6

4

3.5

4.5

133

64

227

133

133

113

50

50

64

64

78

176

95

113

64

95

133

64

64

78

133

64

95

133

64

95

133

95

133

28

22

50

78

50

78

113

50

50

64

95

3614

or 90.4

11

4.5

8.5

2.5

7.5

9.5

7.5

10.5

7.0

12.0

4.5

7.5

4.0

10.5

12.0

7.5

6.0

1.5

7.5

10.5

9.5

14.5

0.5

9.0

8.5

3.0

3.0

4.0

7.5

9.0

4.0

7.0

7.0

12.5

5.5

7.0

7.0

8.0

6.0

3.5

3.0

1.0

14.0

15.0

9.0

5.5

5.0

7.0

3.0

1.5

3.5

9.0

5.5

10.5

9.0

7.0

7.0

8.0

11.0

2.5

T 424

AJ 70.7

401
14.5
415.5

6.9
60 415.5
26.6
555

T 5916
AJ 98.6

4 50.2
4.5 63.6
5 78.5
5.5 94.9
6 113.0
6.5 132.7
7 153.9
7.5 176.6
8 200.9
8.5 227

TABULATION FORM

CONIFER SWAMP

Stand No. 5119

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>	✓	✓				✓			✓	✓			✓	✓		✓	✓					8	
<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>						✓																1	
<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>																							

Aster sp.

✓

✓ ✓

✓

✓

4

CONIFER SWAMP

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					✓						✓	✓	✓	✓	✓	✓	✓			✓		9
Carex flava																						
Carex granularis var. ha																						
Carex hystericina																						
Carex interior																						
Carex intumescens																						
Carex lacustris																						
Carex lasiocarpa																						
Carex leptalea																						
Carex leptoneuria																						
Carex limosa																						
Carex oligosperma																						
Carex pauciflora																						
Carex paupercula																						
Carex pedunculata												✓										1
Carex projecta																						
Carex pseudo-cyperus																						
Carex retrorsa																						
Carex scoparia																						
Carex sterilis																						
Carex stipata																						
Carex stricta																						
Carex tenuiflora																						
Carex trisperma																						
Carex tuckermani																						
Chamaedaphne calyculata																						
Chelone glabra																						
Cicuta bulbifera																						
Cicuta muculata																						
Cinna latifolia																						
Circaea alpine																						
Cirsium muticum																						
Clintonia borealis		✓																	✓			
Coptis groenlandica		✓						✓											✓			2
Corallorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis		✓	✓	✓		✓			✓		✓					✓			✓	✓	✓	9
Cornus obliqua																						
Cornus racemosa																						
Cornus stolonifera		✓							✓		✓			✓					✓			4
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. 5119

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Dryopteris cristata																						
Dryopteris disiuncta																						
Dryopteris phegopteris																						
Dryopteris spinulosa																						
Dryopteris thelypteris																						
Dulichium arundinaceum																						
Echinocystis lobata																						
Eleocharis smallii																						
Epigaea repens																						
Epilobium angustifolium																						
Epilobium glandulosum va																						
Epilobium strictum																						
Equisetum fluviatile																						
Equisetum scirpoides																						
Erigeron philadelphicus																						
Eriophorum angustifolium																						
Eriophorum spissum																						
Eriophorum tenellum																						
Eriophorum virginicum																						
Eriophorum viridi-carina																						
Eupatorium maculatum																						
Eupatorium perfoliatum																						
Galium aparine	✓	✓		✓		✓	✓		✓						✓	✓		✓	✓			9
Galium boreale																						
Galium concinnum																						
Galium labradoricum																						
Galium trifidum																						
Galium triflorum																						
Galeopsis tetrahit																						
Gaultheria hispidula																						
Gaultheria procumbens																						
Gaylussacia baccata																						
Gentiana linearis																						
Geranium maculatum																						
Geum laciniatum																						
Geum rivale																						
Glyceria canadensis																						
Glyceria grandis																						
Glyceria striata																						
Goodyera repens																						
Habenaria clavellata																						
Habenaria dilatata																						
Habenaria hyperborea																						
Habenaria lacera																						
Habenaria leucophaea																						
Habenaria media																						
Habenaria obtusata																						
Habenaria psycodes																						
Halenia deflexa																						
Hydrocotyle americana																						
Hypericum virginicum																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5119

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Hystrix patula</i>																							
<i>Ilex verticillata</i>																							
<i>Impatiens capensis</i>																							
<i>Iris versicolor</i>																							
<i>Iris virginica</i>																							
<i>Juncus canadensis</i>																							
<i>Juncus effusus</i>																							
<i>Juncus tenuis</i>																							
<i>Juniperus communis</i> var.																							
<i>Kalmia polifolia</i>																							
<i>Lactuca biennis</i>																							
<i>Lathyrus palustris</i>																							
<i>Ledum groenlandicum</i>		✓						✓															1
<i>Leersia oryzoides</i>																							
<i>Linnaea borealis</i>		✓																✓	✓				2
<i>Liparis loeselii</i>																							
<i>Listera cordata</i>																							
<i>Lobelia siphilitica</i>																							
<i>Lonicera canadensis</i>																							
<i>Lonicera dioica</i>																							
<i>Lonicera oblongifolia</i>		✓						✓		✓								✓		✓			4
<i>Lonicera villosa</i>																							
<i>Luzula acuminata</i>																							
<i>Lycopodium annotinum</i>																							
<i>Lycopodium clavatum</i>																							
<i>Lycopodium lucidulum</i>																							
<i>Lycopodium obscurum</i>																							
<i>Lycopus uniflorus</i>																							
<i>Lysimachia ciliata</i>																							
<i>Lysimachia hybrida</i>																							
<i>Lysimachia quadriflora</i>																							
<i>Lysimachia terrestris</i>		✓	✓	✓													✓	✓	✓	✓	✓		7
<i>Lysimachia thyrsiflora</i>		✓	✓										✓	✓	✓								7
<i>Maianthemum canadense</i>		✓	✓			✓		✓	✓			✓		✓	✓								7
<i>Malaxis unifolia</i>																							
<i>Melampyrum lineare</i>																							
<i>Menyanthes trifoliata</i>																							
<i>Mimulus ringens</i>																							
<i>Mitchella repens</i>																							
<i>Mitella diphylla</i>																							
<i>Mitella nuda</i>		✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓				✓		14
<i>Moneses uniflora</i>																							
<i>Monotropa hypopithys</i>																							
<i>Monotropa uniflora</i>																							
<i>Muhlenbergia mexicana</i>																							
<i>Muhlenbergia racemosa</i>																							
<i>Myrica gale</i>																							
<i>Nasturtium officinale</i>																							
<i>Nemopanthus mucronata</i>																							
<i>Onoclea sensibilis</i>																							
<i>Osmunda cinnamomea</i>																							

Mentha sp.

✓ ✓

✓ 3

TABULATION FORM

CONIFER SWAMP

Stand No. 5119

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>	✓		✓	✓							✓				✓	✓		✓	✓	✓		8
<i>Pyrola elliptica</i>																						
<i>Pyrola rotundifolia</i>																						
<i>Pyrola secunda</i>	✓			✓								✓	✓		✓							4
<i>Pyrus floribunda</i>	✓																					
<i>Pyrus melanocarpa</i>																						
<i>Ranunculus abortivus</i>																						
<i>Ranunculus hispidus</i>																						
<i>Rhamnus alnifolia</i>	✓																			✓		1
<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>	✓			✓											✓							2
<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. 5119

[illegible]

[illegible]

PRESENCE LIST

CONIFER BOG

only 2 young having
many cedar

Stand No. 589

25
30
25%
30%
15%

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 4, 5, 6, 11, 14, 15, 16
Tsuga canadensis 19
Ulmus americana

HERBS AND SHRUBS

Alnus incana
Alnus rugosa 1, 5, 8, 9, 12, 13, 15, 16
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 4
Chamaedaphne calyculata
Chiogenes hispidula
Cicuta bulbifera
Cicuta maculata
Circaea alpina
Cirsium muticum
Clintonia borealis
Coptis trifolia 7, 18
Corallorrhiza trifida
Cornus canadensis 1, 2, 5, 8, 10, 15, 18
Cornus obliqua 19, 20
Cornus stolonifera 8, 10, 13, 18
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
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 1, 3, 5, 6, 9, 14, 15, 17, 18
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
Kalmia polifolia
Ledum groenlandicum 7
Leersia oryzoides
Linnaea borealis 18, 19
Liparis loeselii
Listera cordata
Lobelia kalmii
Lobelia siphilitica

Lonicera caerulea
Lonicera oblongifolia 7, 9, 17, 19
Lycopus uniflorus
Lysimachia terrestris 1, 2, 15, 16, 19, 20
Maianthemum canadense 1, 4, 6, 7, 10, 12, 13
Malaxis unifolia
Menyanthes trifoliata
Mimulus ringens
Mitchella repens
Mitella nuda 1, 2, 3, 5, 6, 7, 8, 9, 11, 12, 14, 16
Moneses uniflora 17, 20
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 3, 4, 14
Potentilla palustris
Prenanthes alba
Pyrola asarifolia 2, 3, 10, 14, 15, 17, 18, 19
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 3, 11, 12, 14
Ranunculus abortivus
Rhamnus alnifolia 19
Rhus radicans
Rhus vernix
Ribes americanum
Ribes cynosbati
Ribes hirtellum 3, 14
Ribes lacustre 3, 14
Ribes triste 3
Rorippa palustris
Rosa caroliniana
Rubus idaeus
Rubus triflorus 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12
Rynchospora alba 13, 15, 16, 17, 18
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 13,
Thalictrum dasycarpum
✓ Trientalis borealis 4, 7, 14,
Triglochin maritima

Typha latifolia
✓ Vaccinium angustifolium
Vaccinium macrocarpon
Vaccinium oxycoccus
Vaccinium pennsylvanicum
Viburnum opulus
Viola canadensis
✓ Viola pallens 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
Vitis riparia 11, 14, 15, 16, 18, 19,
20

Additional species:

✓ Hydrocotyle Aster sp

~~Stem~~

~~most 1, 2~~

✓ Aster 3, 4, 9, 15,

OK Carex diapa 4

✓ Carex sp 10, 11, 12, 13, 14, 15, 16, 20

Salix sp 11,

Mentha sp 12, 13, 19,

Scutellaria sp 18, 19

- Pyrus ~~melan~~ floribunda

Carex pedunculata 11