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[s.l.]: [s.n.], 1959-08-12

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Plant Ecology Laboratory
Data Form 68

Station No. 5029 hand 42

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- 400									
Abies balsamea	10	20	20			582		49.1	24.4	20	19.9	62.3	248	280.35
Acer rubrum	1	1	1			38		38	2.4	1	1.2	4.6	45	27.6
Acer spicatum														
Betula lutea	5	5	5			156		31.2	12.2	5	4.8	22.3	154	167.25
B. papyrifera	1	1	1			33		33	2.4	1	1.0	4.4	24	22.0
Carya cord.														
C. ovata														
Fraxinus nigra	4	4	4			64		16.0	19.8	4	1.9	15.7	112	78.5
Juglans cinerea														
Larix laricina														
Picea glauca														
P. mariana	1	1	1			16		16.0	2.4	1	4.5	3.9	4	7.8
Pinus resinosa														
P. strobus														
Pop. balsamifera														
P. grand.														
P. trem.														
Prunus serotina														
Pyrus americana														
Quercus bicolor														
Q. rubra														
Thuja occ.	19	68	68			2346		34.5	46.3	68	22.5	186.5	1748	747.2
Tilia americana														
Tsuga can.														
Ulmus americana														
U. rubra														

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

1335 (1330.6)

3.45

Plays
Pyrola
Pinus
Comm. etc
stet

5029

①	Far mig	5	8	1	⑧	Jh	8	2	7	⑬	Jh	8	2	7
	Jh	7	11	2		"	7	15	3		"	6	7	0
	Jh	6	14	5		"	4	9	2		"	8	3	10
	Far mig	5				Best pag 6.5					"	5.5		
	Jh	6.5			⑨	Best pag 6.5					"	5.5		
②	Ab	6.5	11	4		Jh	6	14	2	⑥	Ab	8		
	Jh	7	10	11		"	8	7	4		Jh	6	6	1
	"	8				"	8				"	4	7	10
	"	6.5	15	3		Ab	4	7	2		"	4	5	1
	"	5				"	4				"	5.5		
③	Ab	7	10	2	⑩	Jh	4	3	8	⑬	Jh	6	2	8
	"	6	6	6		"	5	7	4		"	6.5	6	6
	"	4	14	2		"	5	14	4		"	5	5	2
	Jh	8				"	8				"	6		
④	"	8			⑪	Jh	7			⑮	Jh	4	5	3
	Jh	6	9	2		"	8	20	2		"	6	4	7
	"	6	14	9		"	8	6	3		"	6.5	5	11
	Ab	4	7	5		Ab	6	13	5	⑱	Jh	7.5	9	10
	"	8				Jh	8	9	3		"	7	8	3
⑤	Ab	4.5	21	1	⑫	"	8	16	2		"	8	6	9
	Acervul	7	11	5		Ab	6	6	2	⑳	Jh	7.5	13.5	
	Jh	4	14	6		"	8	4	10		"	4.5	14.2	
	Far mig	4				Best pag 6.5					"	5.5	13.9	
	Jh	8				Ab	4				Ab	8		
⑥	Ab	4			⑬	Jh	6.5	6	8		Jh	7.5		
	Jh	7				"	7	15	9		"	4.5		
	"	4				"	8	4	10		"	5.5		
	Best pag	7	10	1		Best pag 6.5					Best pag 6.5			
	"	4	13	9		P m	4.5				Ab	8		
	"	4	13	7										
⑦	Ab	8			⑭	Jh	4	4	5					
	"	5	15	10		"	6.5	2	10					
	"	7	6	7		"	6.5	6	5					
	"	5	11	2		"	8							
	Far mig	4				"	7.5							

320
24
80

29

6.5 - 7 - 6.5 - 4 - 4 - 8.7 - 4.5 - 5 - 4 - 8.5 - 7 - 5 - 4.4 - 6.4

1 7-

$12.5 \times 6 = 800$
 $15.5 \times 1 = 63$
 $19.5 \times 2 = 156$
 $28 \times 2 = 226$
 $38 \times 2 = 182$
 $38 \times 4 = 462$
 $50 \times 5 = 1005$

 $20 \quad 2344$

$\begin{array}{r} 20 \\ 5 \\ 1 \\ 4 \\ 1 \\ \hline 68 \\ 99 \end{array}$

7 - 6.5 - 6.5 - 5 - 6.5

1 6.5 - 33

$19.5 \times 1 = 18$
 $33 \times 3 = 396$
 $38 \times 1 = 154$

 628

19.5
 99
 33

 156.5

5 - 5 - 4 - 4 -

$12.5 \times 2 = 100$
 $19.5 \times 2 = 150$

 250

25
 39

 64

1 4.5 - 15.5

201
 22

 402
 402

 112
 112

 224

$12.5 \times 9 = 450$
 $15.5 \times 1 = 63$
 $19.5 \times 4 = 312$
 $28 \times 3 = 282$
 $28 \times 11 = 1243$
 $33 \times 7 = 924$
 $38 \times 8 = 1232$
 $44 \times 3 = 528$
 $50 \times 22 = 4422$

 $68 \quad 9456$

7 - 6 - 6.5 - 7 - 8 - 6.5 - 5 - 8 - 8 - 6 - 6 - 8 - 8 - 0 - 4 - 8 - 7 - 4 -
 6 - 8 - 8 - 4 - 5 - 5 - 8 - 7 - 8 - 8 - 6 - 8 - 8 - 8 - 6.5 - 7 - 8 -
 4 - 6.5 - 6.5 - 8 - 2.5 - 8 - 6 - 8 - 5.5 - 6 - 4 - 4 - 5.5
 8 - 6 - 6.5 - 5 - 6 - 6 - 4 - 6 - 6.5 - 7 - 8 - 7.5 - 7 - 8 - 4 - 4
 9.5 - 4.5 - 5.5 -

69

TABULATION FORM

CONIFER SWAMP

Stand No. 5029

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5029

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5029

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5029

[illegible]

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>	✓	✓	✓																			2	
<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>	✓													✓								1	
<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>	✓										✓	✓			✓			✓		✓		5	
<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>																							

[illegible]

[illegible]

PRESENCE LIST *Vilas 43N 8E 31* CONIFER BOG

Stand No.

5029

- 3.6 mi E of Jet Mr Bous side B*
- 8-12-53*
- in pool*
Close hedge
High hab
- Abies balsamea 12, 15, 17, 18, 19
 - Acer rubrum 1, 2, 3, 4, 5, 6, 9, 12, 13, 15, 16, 20
 - Acer spicatum
 - Betula lutea 4, 10, 12, 19, 20
 - 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 19
 - Tsuga canadensis
 - Ulmus americana
- Ca?*
Fe
Fe

HERBS AND SHRUBS

- 35.5*
32.0
- Alnus incana
 - Alnus rugosa 8
 - Andromeda glaucophylla
 - Anemone canadensis
 - Aralia hispida
 - Aralia nudicaulis 4, 14
 - 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 8
 - Campanula aparinoides
 - Chamaedaphne calyculata
 - Chiogenes hispidula 9, 10, 11, 18, 20
 - Cicuta bulbifera 8
 - Cicuta maculata
 - Circaea alpina 1, 2, 3, 14, 16
 - Cirsium muticum
 - Clintonia borealis
 - Coptis trifolia 2, 3, 4, 5, 9, 10, 11, 12, 13
 - Corallorrhiza trifida 13, 14, 17, 19, 20
 - Cornus canadensis 1, 2, 3, 4, 5, 6, 7, 9, 10, 11
 - Cornus obliqua 12, 13, 14, 15, 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
 - Drosera rotundifolia
 - Dryopteris linneana
 - Dryopteris phegopteris 2
 - Dryopteris spinulosa 1, 2, 3, 7, 12, 14, 15
 - Dryopteris thelypteris 10
 - Dulichium arundinaceum
 - Epigaea repens
 - Epilobium adenocaulon
 - Epilobium angustifolium
 - Epilobium densum 7, 8
 - Equisetum scirpoides
 - Eriophorum angustifolium
 - Eriophorum virginicum
 - Eriophorum viridi-carinatum
 - Eupatorium perfoliatum
 - Eupatorium maculatum
 - Galium aparine
 - Galium concinnum
 - Galium labradoricum
 - Galium trifidum 1, 6, 7, 14, 15, 16, 17, 18
 - Gaultheria procumbens
 - Gaylussacia baccata
 - Gentiana linearis
 - Geum rivale
 - Glyceria striata 15, 17
 - Goodyera repens
 - Habenaria clavellata
 - Habenaria dilatata
 - Habenaria hyperborea
 - Habenaria lacera
 - Habenaria leucophaea
 - Habenaria media 19
 - Habenaria obtusata
 - Habenaria psycodes
 - Halenia deflexa
 - Helenium autumnale
 - Hypericum virginicum
 - Ilex verticillata
 - Impatiens biflora 8
 - Iris versicolor
 - Iris virginica
 - Juncus tenuis
 - Kalmia polifolia
 - Ledum groenlandicum
 - Leersia oryzoides
 - Linnaea borealis 1, 4, 9, 10, 11, 12, 15, 20
 - Liparis loeselii
 - Listera cordata
 - Lobelia kalmii
 - Lobelia siphilitica

- Lonicera caerulea
- Lonicera oblongifolia 10, 19
- Lycopus uniflorus 1, 2, 3, 5, 7, 8, 19
- Lysimachia terrestris
- Maianthemum canadense 2, 9, 10, 20
- Malaxis unifolia
- Menyanthes trifoliata
- Mimulus ringens
- Mitchella repens
- Mitella nuda 8, 1, 2, 3, 6, 7, 9, 11, 12, 13, 14
- Moneses uniflora 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 14
- Potentilla palustris
- Prenanthes alba
- Pyrola asarifolia
- Pyrola elliptica
- Pyrola rotundifolia
- Pyrola secunda 11, 12, 15, 18, 20
- 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 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12
- Rynchospora alba 13, 14, 15, 16, 17
- Salix candida
- Sarracenia purpurea 18, 19, 20

Saxifraga pennsylvanica
Scirpus cyperinus
Scirpus acutus
Scirpus hudsonianus
Scirpus rubrotinctus
Scirpus validus
Scutellaria epilobifolia
~~*Scutellaria lateriflora*~~³
Selaginella selaginoides
Sium suave

~~*Smilacina trifolia*~~ ^{6,7,12,15}
Smilax herbacea
Solidago serotina
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
Trientalis borealis ^{2,4,6,9,10,19,20}
Triglochin maritima

Typha latifolia
*Vaccinium angustifolium*¹⁴
Vaccinium macrocarpon
Vaccinium oxycoccus
Vaccinium pennsylvanicum
Viburnum opulus
Viola canadensis
~~*Viola pallens*~~ ^{3,8,9,14,15,16,17,18,19}
Vitis riparia
 20

Additional species:

~~*Aster pun*~~ ^{1,10}
~~*Pysala*~~ ^{one flr 20}
~~*Dryop. dieg*~~
~~*Halim.*~~ ^{1,6,9,14,15,16,19,18}
~~*Oxalis*~~ ^{mon 1,2}
~~*Lysmach. thys*~~
~~*Mibelle hirsute*~~ ^{1,2,3,6,7,9,11,12,13,14,15,16,17,18}
~~*Carex leptoc*~~⁸
~~*Aster macro*~~ ^{11,19}
~~*Orchid leafy stem*~~ ¹⁹
~~*Habenaria*~~ ^{2,4}
~~*Polygonum*~~
~~*Chuschnickia*~~
~~*Oxalis mon*~~ ^{1,2}
~~*Dryop. cristat*~~ ⁶
~~*Lyc. luc*~~ ¹²
~~*Canna lat*~~ ^{16,19}
~~*Agrostis perennans*~~ ^{8,5}
~~*Carex leptalea*~~ ^{17,18,14,11,5,1}
~~*C. pedunculata*~~ ^{16,19,4}
~~*C. diasperma*~~ ^{19,15,12,6,4,2}
~~*C. aterules*~~ ^{3,5}
~~*C. crinita*~~
~~*C. triasperma*~~ ^{17,13,12,20,11,2}
~~*C. sterilis*~~ ⁵
~~*Agrostis*~~