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Plant Ecology Laboratory
Data Form 68

Station No. 5005

Tree	No. Pts.	No. Tr.	Size Cl. sq. in.			No. Dom.	F% Sap.	F% Seed	D% Tr.	Dom% Tr.	DFD Index
			12-80	11-320	321+						
Abies balsamea											
Acer rubrum											
Acer spicatum											
Betula lutea											
B. papyrifera											
Carya cord.											
C. ovata											
Fraxinus nigra											
Juglans cinerea											
Larix laricina	30	30	30		511			100	100	100	300
Picea glauca											
P. mariana											
Pinus resinosa											
P. strobus											
Pop. balsamifera											
P. grand.											
P. trem.											
Prunus serotina											
Pyrus americana											
Quercus bicolor											
Q. rubra											
Thuja occ.											
Tilia americana											
Tsuga can.											
Ulmus americana											
U. rubra											

Total tran.

Av. Tr. Dis. 10.5

Av. BA

No. Tr./Acre

300

Salzman, Peter J. A population study of the variation in the inflorescence of *Spiraea tomentosa*. *Phytol.* 20: 280-292.

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Shan, R. H., and Constantine, I. The genus *Saxifraga* (Saxifragaceae) in the Old World. *Bot. Mag.* 67: 1-11, 1954.

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Wright, R. P. The ecological management of semi-arid grass and shrub associations. *Integrat. Ecol. Syst. (P.)* 2: 95-100, 1951.

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9-5	14-7	12-4	Fe ++ neg
14-6	7.5-1	12-4	
9-4	9-4	8-4	Fe +++ neg
1.5-4	7.5-4	11-4	
11-4	6-4	11-6	Ca neg
9-5	1-4	10-5	
19-4	2-4	11-4 6.5-4	
15.5-4	5.5-4	9-4	
20-4	12-5	11.5-6	
29-5	14-4	11-5	

TABULATION FORM

CONIFER SWAMP

Stand No. 5005

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

Geum sp

✓ 1 1

PRESENCE LIST

CONIFER BOG

Stand No. 5005

12
Columbia Co, N 9 E 5 S of rd F

no w order

- 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
- Tsuga canadensis
- Ulmus americana

7e ++ }
7e +++ } neg
Ca }

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 19
- Betula sandbergii
- Bidens coronata 1, 2, 3, 4, 5, 8, 10, 11, 12, 14, 16, 18, 19, 20
- Boehmeria cylindrica 18, 19, 20
- Botrychium virginianum
- Bromus ciliatus 1, 2, 5, 8, 9, 12, 18, 19
- Calamagrostis canadensis
- Calla palustris
- Calopogon pulchellus
- Caltha palustris
- Campanula aparinoides 4, 6, 8, 9, 10, 11, 13, 15, 16, 12
- Chamaedaphne calyculata
- Chiogenes hispidula
- Cicuta bulbifera
- Cicuta maculata
- Circaea alpina
- Cirsium muticum
- Clintonia borealis
- Coptis trifolia
- Corallorrhiza trifida
- Cornus canadensis
- Cornus obliqua
- Cornus stolonifera 9, 11, 13, 15
- 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 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20
- Dulichium arundinaceum
- Epigaea repens
- Epilobium adenocaulon 3
- Epilobium angustifolium
- Epilobium densum 18, 16, 3, 2
- Equisetum scirpoides
- Eriophorum angustifolium
- Eriophorum virginicum
- Eriophorum viridi-carinatum
- Eupatorium perfoliatum
- Eupatorium maculatum 14
- Galium aparine 2, 5, 6, 8, 10, 11
- Galium concinnum
- Galium labradoricum
- Galium trifidum 12, 13, 14, 16, 17, 18, 20, 9, 13, 10, 8, 7, 6
- Gaultheria procumbens
- Gaylussacia baccata
- Gentiana linearis
- Geum rivale 7, 19
- Glyceria striata
- Goodyera repens
- Habenaria clavellata
- Habenaria dilatata
- Habenaria hyperborea
- Habenaria lacera
- Habenaria leucophaea
- Habenaria media
- Habenaria obtusata
- Habenaria pycodes
- Halenia deflexa
- Helenium autumnale
- Hypericum virginicum
- Ilex verticillata
- Impatiens biflora 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20
- Iris versicolor
- Iris virginica
- Juncus tenuis
- Kalmia polifolia
- Ledum groenlandicum
- Leersia oryzoides 4, 8
- Linnaea borealis
- Liparis loeselii
- Listera cordata
- Lobelia kalmii
- Lobelia siphilitica

- Lonicera caerulea
- Lonicera oblongifolia 4, 12, 20, 20
- Lycopus uniflorus 2, 4
- Lysimachia terrestris
- Maianthemum canadense 12, 5, 7, 8, 9, 10, 11, 12, 13, 15, 17, 18
- Malaxis unifolia
- Menyanthes trifoliata
- Mimulus ringens
- Mitchella repens
- Mitella nuda
- Moneses uniflora
- Muhlenbergia mexicana
- Muhlenbergia racemosa
- Myrica gale
- Nemopanthus mucronata
- Onclea sensibilis
- Osmunda cinnamomea
- Osmunda regalis
- Parnassia caroliniana
- Parthenocissus vitacea 10, 19
- 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 2, 5, 8, 9, 13, 4, 10
- Ribes americanum 4, 10
- Ribes cynosbati
- Ribes hirtellum
- Ribes lacustre
- Ribes triste
- Rorippa palustris
- Rosa caroliniana
- Rubus idaeus
- Rubus triflorus 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18
- Rynchospora alba 12, 13, 14, 17
- Salix candida
- Sarracenia purpurea

- ✓ *Saxifraga pennsylvanica* 19, ~~20~~
- ✓ *Scirpus cyperinus*
- ✓ *Scirpus acutus*
- ✓ *Scirpus hudsonianus*
- ✓ *Scirpus rubrotinctus*
- ✓ *Scirpus validus*
- ✓ *Scutellaria epilobifolia*
- ✓ *Scutellaria lateriflora*
- ✓ *Selaginella selaginoides*
- ✓ *Sium suave*

- ✓ *Smilacina trifolia*
- ✓ *Smilax herbacea*
- ✓ *Solidago serotina* 5, 7, 12, 19
- ✓ *Spiraea alba*
- ✓ *Spiraea tomentosa*
- ✓ *Steironema lanceolatum*
- ✓ *Symplocarpus foetidus* 14
- ✓ *Thalictrum dasycarpum*
- ✓ *Trientalis borealis* 6, 7, 8, 9, 12
- ✓ *Triglochin maritima*

- ✓ *Typha latifolia*
- ✓ *Vaccinium angustifolium*
- ✓ *Vaccinium macrocarpon*
- ✓ *Vaccinium oxycoccus*
- ✓ *Vaccinium pennsylvanicum*
- ✓ *Viburnum opulus*
- ✓ *Viola canadensis*
- ✓ *Viola pallens* 7, 8, 10, 13, 20
- ✓ *Vitis riparia*

Additional species:

Carex intenor 13, 20, 6

- ✓ *Amnemon*
- ✓ *Juniperus communis*
- ~~*Scirpus* 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20~~
- ~~*Stachys*~~
- ~~*Scirpus* 4, 8~~
- ✓ *Lysimachia thyrisiflora* 1, 2, 4, 8, 9, 12, 13, 14, 16,
- ✓ *Aster pumilus* 2, 6, 15,
- ✓ *Equisetum flavicatile*
- ✓ *Phragmites*
- ✓ *Aphanum dulcamara* 1, 3, 4, 10, 14, 16, 17,
- ✓ *Salix discolor*
- ✓ *Bambusa can*
- ~~*Viola* (see previous) 7, 8, 10, 13, 20~~
- ✓ *Bromus ciliatus* 19, 18, 9, 12, 8, 1, 5, 2,
- ✓ *Carex comosa* OK 19, 17, ~~16, 8, 7, 4, 5,~~
- ✓ *Calamagrostis*
- ✓ *Polygonum sp* 15
- ✓ *Sagittaria latifolia*
- ✓ *Aster junceiformis* 7, 8, 10, 13, 14, 17
- ~~*Lycopodium lucidulum*~~
- ~~*Cyperus*~~
- ✓ *Agrostis pennsylvanica* scabra 10, 11,
- ✓ *Sphenopeltis intermedia* 3, 18,
- ✓ *Sium*
- ✓ *Sium*