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Plant Ecology Laboratory
Data Form 68

Ar. BA

Station No. 5050

hdued
154

Tree	No. Pts.	No. Tr.	Size Cl. sq. in.			No. Dom.	No. Sap.	F% Seed	F% Seed	D% Tr.	Dom% Tr.	DFD Index		
			12- 80	31- 320	321- 400									
Abies balsamea	8	13	13			201		155	12.9	13	6.4	32.3	128	145.35
Acer rubrum	1	3	1	2		239		79	1.6	3	7.6	12.2	96	73.2
Acer spicatum														
Betula lutea	1	2	2			71		355	1.6	2	2.3	5.9	42	44.25
B. papyrifera	10	18	18			472		295	16.1	18	15.1	49.2	294	246.0
Carya cord.														
C. ovata														
Fraxinus nigra	6	10	9	1		405		405	9.7	10	12.9	27.6	231	163.0
Juglans cinerea														
Larix laricina	2	3	3			116		387	3.2	3	3.7	9.9	10	9.9
Picea glauca														
P. mariana	8	14	14			234		167	12.9	14	25	34.4	44	68.8
Pinus resinosa														
P. strobus	1	1	1			28		28	1.6	1	0.9	3.5	7	14.0
Pop. balsamifera														
P. grand.														
P. trem.	9	12	11	1		858		72	14.5	12	22.4	53.9	162	188.65
Prunus serotina														
Pyrus americana														
Quercus bicolor														
Q. rubra														
Thuja occ.	16	24	24			508		212	25.8	24	16.2	66.0	264	264.0
Tilia americana														
Tsuga can.														
Ulmus americana														
U. rubra														

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

1217.0

404.5 2.77

Stand No.

CONIFER BOG

PRESSENGY LIST

① Frax 26 8
 Th 19 10
 Bet pap 5 11
 Frax 5.5
 Acer rub 9

⑧ Betpaps 5 1
 " 4.5 2
 " 6 7
 " 6.5 7
 Th 4

⑮ Pm 6 12 10
 Pm 4 5 11
 " 6 17 10
 Th 5
 L 2' 11"

② Th 4.5 5 6
 Pap tr 4.5 11 4
 Th 2' 5" 6 2
 Acer 2' 11"
 Frax 3' 3"

⑩ Ber 7.5 5 9
 " 3.5 17 8
 " 2 10 4
 Th 4
 Pap tr 2' 5"

⑫ Th 7 7 11
 " 6.5 5 11
 Ab 4 9 10
 Pm 4.5
 " 4

③ Bet 5.5 13 2
 Th 4 9 1
 Bet pap 5.5 7 4
 Bet 8
 Acer 2' 10"

⑪ Pap tr 2.5 17 3
 " 3 11 6
 Ber 6.5 5 4
 " 5
 Pm 4

⑬ Pm 4 6 7
 Pm 4.5 9 2
 Pap tr 6 23 1
 Th 7.5
 ab 4

④ Th 5 23 1
 Abies 4 6 5
 Pm 4 1 9
 Pap tr 2' 8"
 Ab 5

⑫ Th 4.5 9 10
 Ab 5 10 1
 Pap tr 7 11 7
 " 2
 ab 6

⑯ Bet pap 8 7 5
 ab 4.5 24 8
 Pm 4 23 10
 Pap tr 6
 Pm 4

⑤ Bet pap 7.5 10 3
 Th 4.5 7 1
 Ab 4.5 24 8
 Frax 7
 Ab 4

⑬ ab 6 10 5
 Bet pap 4.5 6 6
 Ab 4 6 1
 Th 4
 ab 4

⑰ Th 6 6 2
 Pap tr 7 9 4
 ab 4 7 1
 Th 5.5 7 1
 Th 7

⑥ Frax 8 4 4
 Pm 5 1 5
 Th 4 10 2
 Th 5
 Frax 5.5

⑭ Th 5
 Bet pap 5 25 8
 " 5 14 3
 " 4.5 19 5
 Pm 6
 Pm 6

⑱ Th 7 3 7
 Th 5 12 1
 Th 4 7 4
 Th 4
 Th 4.5

⑦ Th 4 2 1 9
 Th 5 13 8
 Ber pap 4.5 4 9
 Ab 4.5
 Frax 4

⑭ Pm str 6 4 2
 Pm 4 10 11
 L 5 20 8
 Pap tr 5
 L 2' 4"

⑲ Th 7 3 7
 Th 5 12 1
 Th 4 7 4
 Th 4
 Th 4.5

Handwritten notes and calculations at the bottom right, including a small table with values like 1.5, 2.5, 3.5, 4.5, 5.5, 6.5, 7.5, 8.5, 9.5, 10.5, 11.5, 12.5, 13.5, 14.5, 15.5, 16.5, 17.5, 18.5, 19.5, 20.5, 21.5, 22.5, 23.5, 24.5, 25.5, 26.5, 27.5, 28.5, 29.5, 30.5, 31.5, 32.5, 33.5, 34.5, 35.5, 36.5, 37.5, 38.5, 39.5, 40.5, 41.5, 42.5, 43.5, 44.5, 45.5, 46.5, 47.5, 48.5, 49.5, 50.5, 51.5, 52.5, 53.5, 54.5, 55.5, 56.5, 57.5, 58.5, 59.5, 60.5, 61.5, 62.5, 63.5, 64.5, 65.5, 66.5, 67.5, 68.5, 69.5, 70.5, 71.5, 72.5, 73.5, 74.5, 75.5, 76.5, 77.5, 78.5, 79.5, 80.5, 81.5, 82.5, 83.5, 84.5, 85.5, 86.5, 87.5, 88.5, 89.5, 90.5, 91.5, 92.5, 93.5, 94.5, 95.5, 96.5, 97.5, 98.5, 99.5, 100.5.

4 - 5 - 4.5 - 4 - 4.5 - 5 - 6 - 4 - 4 - 4 - 4 - 4.5 - 4 -

$$\begin{aligned} 12.85 \times 7 &= 350 \\ 15.53 \times 3 &= 189 \\ 19.88 \times 2 &= 156 \\ 283 \overline{) 113} &= 708 \end{aligned}$$

8 - (2'10") (2'11")

$$\begin{array}{r} 50 \\ 92 \\ 99 \\ \hline 23.9 \end{array}$$

5.5 - 8 - 21.5

5 - 5.5 - 7.5 - 4.5 - 5 - 4.5 - 6 - 6.5 - 7.5 - 5.5 - 7 - 6.5 - 5 - 4.5 - 5 - 5 - 4.5 - 8 -

$$\begin{aligned} 15.5 \times 4 &= 63 \\ 17.5 \times 5 &= 390 \\ 21.5 \times 2 &= 198 \\ 28 \times 1 &= 113 \\ 33 \times 2 &= 264 \\ 38 \times 1 &= 154 \\ 44 \times 2 &= 352 \\ 50 \times 1 &= 201 \\ \hline &= 1725 \end{aligned}$$

6 - 5.5 - (3'3") 7 - 8 - 5.5 - 6 - 5.5 - 7 - 7 -

$$\begin{aligned} 26.5 \times 3 &= 282 \\ 28.3 \times 2 &= 226 \\ 38.4 \times 3 &= 462 \\ 801 \overline{) 201} &= 1181 \\ +12.1 &= 1181 \end{aligned}$$

5 - (2'4") (2'11")

$$\begin{array}{r} 17.5 \\ 62 \\ 35 \\ \hline 116.5 \end{array}$$

5 - 4 - 6 - 6 - 4 - 6 - 4 - 4 - 4.5 - 4 - 4 - 4.5 - 4 - 4 -

$$\begin{aligned} 12.5 \times 8 &= 400 \\ 13.5 \times 2 &= 126 \\ 17.5 \times 1 &= 78 \\ 283 \overline{) 339} &= 943 \end{aligned}$$

6 - 2.5

4.5 - 4 - (2'8") (2'5") 7.5 - 8 - 7 - 7 - 5 - 6 - 6 - 7 -

$$\begin{aligned} 12.65 &= 50 \\ 16.85 &= 63 \\ 19.85 &= 78 \\ 21.8 \times 2 &= 226 \\ 38 \times 3 &= 462 \\ 44 &= 196 \\ 50 &= 201 \\ \hline &= 1256 \end{aligned}$$

$$\begin{aligned} 661.5 &= 20 \\ 50 &= 114 \\ 711.5 &= 81 \\ 81 &= 66 \\ 858.6 &= 56 \\ 49.5 &= 56 \\ 103.5 &= 56 \\ 114.5 &= 56 \\ 68.5 &= 56 \end{aligned}$$

5 - 4.5 - (2'5") 4 - 5 - 4.5 - 4 - 5 - 4.5 - 4 - 4 - 4.5 - 4 - 5 - 5 - 7 - 6.5 - 2.5 - 6 - 5 - 4.5 - 4.5

$$\begin{aligned} 12.5 \times 8 &= 400 \\ 13.5 \times 4 &= 252 \\ 19.5 \times 7 &= 546 \\ 28 \times 1 &= 113 \\ 33 \times 2 &= 132 \\ 38 \times 1 &= 154 \\ 44 \times 2 &= 196 \\ \hline &= 1325 \end{aligned}$$

MADISON, WISCONSIN
ISA CLEVELAND COURT
JOHANNY JONES

$$\begin{array}{r} 125 \\ 87.5 \\ 45 \\ \hline 132.5 \end{array}$$

TABULATION FORM

CONIFER SWAMP

Stand No. 5050

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>	✓					✓	✓	✓				✓	✓	✓	✓							7	
<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>	✓	✓				✓												✓				2	
<i>Aster macrophyllus</i>	✓								✓	✓												2	
<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>	✓																✓					1	
<i>Brachyelytrum erectum</i>																							
<i>Bromus ciliatus</i>																							
<i>Calamagrostis canadensis</i>																							
<i>Calla palustris</i>																							
<i>Calopogon pulchellus</i>																							
<i>Caltha palustris</i>																		✓				1	
<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>																	✓					1	

TABULATION FORM

CONIFER SWAMP

Stand No. 5050

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5050

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5050

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>	✓						✓																1
<i>Lathyrus palustris</i>	✓																						
<i>Ledum groenlandicum</i>																							
<i>Leersia oryzoides</i>																							
<i>Linnaea borealis</i>																							
<i>Liparis loeselii</i>																							
<i>Listera cordata</i>																							
<i>Lobelia siphilitica</i>																							
<i>Lonicera canadensis</i>																							
<i>Lonicera dioica</i>																							
<i>Lonicera oblongifolia</i>	✓																						
<i>Lonicera villosa</i>																							
<i>Luzula acuminata</i>	✓										✓							✓					2
<i>Lycopodium annotinum</i>	✓				✓																		1
<i>Lycopodium clavatum</i>																							
<i>Lycopodium lucidulum</i>																							
<i>Lycopodium obscurum</i>																							
<i>Lycopus uniflorus</i>	✓						✓																1
<i>Lysimachia ciliata</i>																							
<i>Lysimachia hybrida</i>					✓																		
<i>Lysimachia quadriflora</i>																							
<i>Lysimachia terrestris</i>																							
<i>Lysimachia thyrsiflora</i>																							
<i>Maianthemum canadense</i>	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	16
<i>Malaxis unifolia</i>																							
<i>Melampyrum lineare</i>	✓						✓																1
<i>Menyanthes trifoliata</i>																							
<i>Mimulus ringens</i>																							
<i>Mitchella repens</i>																							
<i>Mitella diphylla</i>																							
<i>Mitella nuda</i>	✓	✓	✓		✓		✓		✓			✓	✓	✓				✓	✓				9
<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>	✓			✓		✓				✓	✓	✓		✓				✓			✓	✓	8

Osm. sp.

✓

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>	✓		✓	✓	✓	✓													✓			5
<i>Oxalis stricta</i>																						
<i>Panicum boreale</i>																						
<i>Panicum lanuginosum</i> var.																						
<i>Parietaria pensylvanicum</i>																						
<i>Parthenocissus inserta</i>	✓																	✓				1
<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>																						
<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>	✓																		✓			1
<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>	✓												✓						✓			2
<i>Rubus occidentalis</i>																						

TABULATION FORM

CONIFER SWAMP

Stand No. 5050

Station No.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Rubus pubescens	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	15
Rumex crispus																						
Rumex verticillatus																						
Sagittaria latifolia																						
Salix candida																						
Salix pedicellaris																						
Salix sp.																						
Sambucus canadensis																						
Sarracenia purpurea																						
Saxifraga pennsylvanica																						
Scheuchzeria palustris v																						
Scirpus acutus																						
Scirpus cyperinus																						
Scirpus hudsonianus																						
Scirpus pedicellatus																						
Scirpus rubrotinctus																						
Scirpus validus																						
Scutellaria epilobifolia																						
Scutellaria lateriflora																						
Selaginella selaginoides																						
Senecio aureus																						
Sium suave																						
Smilacina stellata																						
Smilacina trifolia																						
Smilax herbacea																						
Smilax lasioneura																						
Solanum dulcamara																						
Solidago canadensis	✓																					
Solidago gigantea																						
Solidago graminifolia																						
Solidago patula																						
Solidago purshii																						
Sphenopholis intermedia																						
Spiraea alba																						
Spiraea tomentosa																						
Stachys palustris var. h																						
Stachys tenuifolia																						
Stellaria longifolia																						
Streptopus roseus	✓																					
Symplocarpus foetidus																						
Taxus canadensis																						
Thalictrum dasycarpum																						
Trientalis borealis	✓		✓	✓	✓	✓			✓			✓					✓		✓			8
Triglochin maritima																						
Trillium flexipes																						
Typha latifolia																						
Urtica dioica																						
Vaccinium angustifolium																						
Vaccinium macrocarpon																						
Vaccinium myrtilloides																						
Vaccinium oxycoccos																						

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No. W

- Abies balsamea 5, 9, 13, 16, 18,
 ✓ Acer rubrum 2, 4, 8, 10, 11, 12, 13, 14, 15, 16,
 ✓ Acer spicatum 19, 20
 ✓ Betula lutea
 ✓ Betula papyrifera
 ✓ Carya cordiformis
 ✓ Fraxinus nigra 10, 17, 18,

- 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

HERBS AND SHRUBS

- ✓ Alnus incana
 ✓ Alnus rugosa
 Andromeda glaucophylla
 Anemone canadensis
 Aralia hispida
 ✓ Aralia nudicaulis 5, 6, 9, 11, 12, 13, 14,
 Arceuthobium pusillum
 Arctostaphylos uva-ursi
 Arethusa bulbosa
 Arisaema atrorubens
 Asclepias incarnata
 ✓ Aster lateriflorus 17, 6,
 Aster novae-angliae
 Aster umbellatus
 Betula pumila
 Betula sandbergii
 ✓ Bidens coronata
 ✓ Boehmeria cylindrica
 Botrychium virginianum 16,
 Bromus ciliatus
 Calamagrostis canadensis
 Calla palustris
 Calopogon pulchellus
 Caltha palustris 17,
 Campanula aparinoides
 Chamaedaphne calyculata
 Chiogenes hispidula
 Cicuta bulbifera
 Cicuta maculata
 Circaea alpina
 ✓ Cirsium muticum 18, 19,
 ✓ Clintonia borealis 1, 3, 5, 7, 9, 13, 14, 15, 19,
 ✓ Coptis trifolia 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 13, 15,
 Corallorrhiza trifida 19, 20
 ✓ Cornus canadensis 2, 5, 6, 7, 9, 10, 18,
 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 14
 ✓ Dryopteris spinulosa 4, 8, 10, 12, 13, 15, 17, 18,
 Dryopteris thelypteris 19, 20
 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 10, 14, 16, 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
 Leersia oryzoides
 Linnaea borealis
 Liparis loeselii
 Listera cordata
 Lobelia kalmii
 Lobelia siphilitica

- Lonicera caerulea
 ✓ Lonicera oblongifolia
 ✓ Lycopus uniflorus 6,
 Lysimachia terrestris
 ✓ Maianthemum canadense 2, 3, 4, 5, 7, 8, 9, 10, 11,
 Malaxis unifolia 13, 14, 15, 16, 17, 18,
 Menyanthes trifoliata 19,
 Mimulus ringens
 Mitchellia repens
 ✓ Mitella nuda 1, 2, 4, 6, 9, 12, 13, 14, 15, 19,
 Moneses uniflora
 ✓ Muhlenbergia mexicana
 Muhlenbergia racemosa
 Myrica gale
 ✓ Nemopanthus mucronata
 ✓ Onoclea sensibilis 20
 ✓ Osmunda cinnamomea 3, 5, 9, 10, 11, 13, 19, 20
 Osmunda regalis
 Parnassia caroliniana
 Parthenocissus vitacea 17,
 Pedicularis lanceolata
 Phalaris arundinacea
 Physocarpus opulifolius
 Poa palustris
 Pogonia ophioglossoides
 ✓ Polygala pauciflora 6,
 Potentilla palustris
 Prenanthes alba
 Pyrola asarifolia
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus abortivus
 ✓ Rhamnus alnifolia
 Rhus radicans
 Rhus vernix
 ✓ Ribes americanum 19
 Ribes cynosbati
 Ribes hirtellum
 Ribes lacustre
 Ribes triste
 Rorippa palustris
 Rosa caroliniana
 ✓ Rubus idaeus 12, 19,
 ✓ Rubus triflorus 1, 2, 4, 5, 6, 7, 8, 10, 11, 12, 16,
 Rynchospora alba 17, 18, 19, 20
 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
 Thalictrum dasycarpum
 ✓ Trientalis borealis 2, 3, 4, 5, 8, 11, 16, 18,
 Triglochin maritima

Typha latifolia
 Vaccinium angustifolium
 Vaccinium macrocarpon
 Vaccinium oxycoccus
 Vaccinium pennsylvanicum
 Viburnum opulus
 Viola canadensis
 ✓ Viola pallens 3, 10, 14, 16, 17,
 Vitis riparia

Additional species:

✓ Aster pur

✓ ~~Mitella hirsuta~~ 1, 2, 4, 6, 9, 12, 13, 14, 18, 19,

✓ Aster mac 9, 10,

✓ Equis flav 1, 20

✓ Dryop diaj 2, 3, 4, 5, 6, 11, 12, 13, 14, 15, 16, 17, 18,

✓ ~~Oxalis~~ 2, 3, 4, 5, 18,

✓ Lactuca

Melampyrum lineare

Lycopodium ~~complanatum~~ 17

✓ Sol canadensis

✓ Lactuca biennis

✓ Oxalis montana 2, 3, 4, 5, 18

✓ Galium triflorum

✓ Strept. roseus var longipes

✓ Polygonum sagittatum

Carex pedunculata 3, 18, 11, 19, 2.

C leptalea 1, 6, 20,

C disperma 9, 11,

C demissa 16,

✓ C. ~~interior~~

Luzula acuminata 10, 17,

✓ Lathyrus palustris

✓ Junc 41

✓ Gly can

Canna latifolia 18,

GALIX petiolatus

✓ Call gracilis

Bidens ulg. frondosa
 t. cornata