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end

Plant Ecology Laboratory
Data Form 68

Station No.

6043

Tree	No.		Size Cl. sq. in.			No.	F%	F%	D%	Dom%	DFD	
	Pts.	Tr.	12-	31-	321+	Dom.	Sap.	Seed	Seed	Tr.	Tr.	Index
Abies balsamea												
Acer rubrum												
Acer spicatum												
Betula lutea												
B. papyrifera												
Carya cord.												
C. ovata												
Fraxinus nigra												
Juglans cinerea												
Larix laricina	1	1	1			16		16	4.8	1	0.7	6.5
Picea glauca												
P. mariana	20	99	99			2222		224	95.2	99	99.3	293.5
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											99.4	

6.5
300
587.0

Total tran.

Av. Tr. Dis.

Av. BA

No. Tr./Acre

21 100

2238

100 100.0 100 100 300

300

593.5

make
2.38

P _m	6	11	5	⑦ P _m 4.5	7	6	⑮ P _m 6	8	2
✓	6.5	11	9	5.5	7	7	4.5	8	10
	5			5			4.5	1	11
	6.5	15	2	5	7	2	4		
	6.5			6			6		

Pm	5	7	7	7m	4.5	12	1	(8)	Pm	6		
"	5.5									6.5	1	10
"	4	11	8		4.5					6	7	9
"	4				4	12	0			6		
L	4.5	3	4		4.5	9	7			7		
Pm	6.5	10	4	(12)	4.5					7	9	8

J. JOHANNA JONES
227 CLIFFORD COURT
MADISON, WISCONSIN

Picea mar

4		12.5 x 19
4.5		15.5 x 16
5		19.5 x 17
5.5		21.5 x 5
6		25.5 x 25
6.5		33.2 x 11
7		38.4 x 5
7.5		44.6 x 1
8		

99

L

Pb

4.5 1 1 ~~63~~ 15.5

20 20

TABULATION FORM

CONIFER SWAMP

Stand No. 5043

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>	✓																	✓			1
<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>	✓						✓														1
<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>		✓			✓						✓						✓			✓	3
<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>																					

TABULATION FORM

CONIFER SWAMP

Stand No. 5043

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	✓	✓			✓																	1
Carex flava																						
Carex granularis var. ha																						
Carex hystericina																						
Carex interior																						
Carex intumescens	✓	✓																				
Carex lacustris																						
Carex lasiocarpa																						
Carex leptalea																						
Carex leptonervia																						
Carex limosa																						
Carex oligosperma																						
Carex pauciflora																						
Carex pauperula	✓	✓									✓			✓								2
Carex pedunculata	✓	✓																				
Carex projecta																						
Carex pseudo-cyperus																						
Carex retrorsa																						
Carex scoparia																						
Carex sterilis																						
Carex stipata																						
Carex stricta																						
Carex tenuiflora																						
Carex trisperma	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	16
Carex tuckermani																						
Chamaedaphne calyculata																						
Chelone glabra																						
Cicuta bulbifera																						
Cicuta muculata					✓																	
Cinna latifolia	✓	✓																				
Circaea alpina																						
Cirsium muticum																						
Clintonia borealis	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												7
Coptis groenlandica	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓			✓					8
Corallorrhiza trifida																						
Cornus alternifolia																						
Cornus canadensis	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	19
Cornus obliqua																						
Cornus racemosa																						
Cornus stolonifera																						
Cypripedium acaule	✓	✓																				
Cypripedium arietnum																						
Cypripedium calceolus																						
Cypripedium c var. pub																						
Cypripedium reginae																						
Cystopteris fragilis																						
Diervilla lonicera																						
Drosera intermedia																						
Drosera linearis																						
Drosera rotundifolia																						

CONIFER SWAMP

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5043

[illegible]

[illegible]

TABULATION FORM

CONIFER SWAMP

Stand No. 5043

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>	✓				✓	✓			✓		✓									✓		✓	
<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>																							
<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>	✓							✓	✓			✓		✓					✓		✓		7
<i>Vaccinium macrocarpon</i>																							
<i>Vaccinium myrtilloides</i>	✓		✓	✓	✓	✓				✓	✓		✓		✓		✓	✓	✓	✓			12
<i>Vaccinium oxycoccos</i>	✓			✓							✓			✓						✓			4

TABULATION FORM

CONIFER SWAMP

Stand No. 5043

[illegible]

PRESENCE LIST

CONIFER BOG

Stand No.

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

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
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
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
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
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
Rubus triflorus
Rynchospora alba
Salix candida
Sarracenia purpurea

Vilas 42N7E 17

4.1 mi S get 30M W of Ram
near Boulder LakeCa?
Jef
Jefno pool
no dr

5043

Data Form No. 22 (P.2)

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

Smilacina trifolia 4, 5, 8, 11, 20
Smilax herbacea
Solidago serotina
Spiraea alba
Spiraea tomentosa
Steironema lanceolatum
Symplocarpus foetidus
Thalictrum dasycarpum
✓ Trientalis borealis 16,
Triglochin maritima

Typha latifolia
Vaccinium angustifolium 7, 8, 11, 13, 15, 20
Vaccinium macrocarpon
✓ Vaccinium oxycoccus 8, 10, 13, 19,
Vaccinium pennsylvanicum
Viburnum opulus
Viola canadensis
✓ Viola pallens 11, 12,
Vitis riparia

Additional species:

- ✓ Vac myrt 2, 3, 4, 5, 9, 10, 12, 14, 16, 17, 18, 19
- ✓ brack fern *Pleridium aquilinum*
- ✓ *Equis fluo*
- ✓ *Oxalis montana*
- ✓ *Dryop diaj*
- ✓ *Ascle pun*
- ✓ *Vacc angustif*
- ✓ *Dryop cruss* 1
- ✓ *Prunus uerg.*
- ✓ *Carex triperma* 16, 4, 12, 13, 6, 5, 7, 1, 17, 20, 2, 3, 7, 18, 19, 10, 3,
- ✓ *A. pauperula* 11, 14,
- ✓ *C. pedunculata*
- ✓ *C. tumescens*
- ✓ *C. disperma* 4,
- ✓ *Cinna lat*
- ✓ *Neyceena canadensis* 9, 1,
- ✓ *Pyrus floribunda*