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Site 3520: Price County, Township 39N, Range 3E, Section 23. 1952-08-10

[s.l.]: [s.n.], 1952-08-10

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Deeryard

STAND RECORD

FORESTS

Stand No. 3520

N

Name:

Locality:

County: Puel

T: 39N R: 3E Sec: 23

Date: 8-10-52

Observers: Christensen, Ware, Ward, Bray.

Size of Stand:

Size of Area Sampled:

Forest Type: White Pine

Soil Type:

Topography: flat, upland

Slope:

Directions

Condition of Stand:

Considerable summer browsing of deer, spruce, maple and balsams heavily browsed. Coughers moderately. A woods in which big white pines(?) were removed many years ago. Occasional logging since. Many deer trails & droppings.

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

V = browse presence

Map:



logging rd.

#16

Yard N

TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3520

check

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Upland C. I.	
			-80	-320	321											
Abies bals	5	5	4	1		177	44	41.90	55	12.5	9.09	6.25	3.66	19.00	133.00	85.50
Acer rubru	2	2	2			120	2	1.90	55	5.0	3.64	2.50	2.48	8.62	51.72	51.72
A. sacchar							17	16.19	15							
A. spicatu							6	5.71	25							
Betula lut	2	2		2		185	1	0.95	10	5.0	3.64	2.50	3.82	9.96	79.68	94.75
B. papyrif	4	4	3	1		290			15	10.0	7.27	5.00	6.00	18.27	91.35	91.35
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau																
Pinus Bank																
P. resinosa	1	1	1			30				2.5	1.82	1.25	0.62	3.69	11.07	12.99
P. Strobus	35	59	43	16		3654	11	10.48		87.5	63.64	73.75	75.54	212.93	1064.65	851.72
Populus ba																
P. grandid																
P. tremulo																
Prunus pen																
Quercus el																
Q. rubra																
Tilia amer																
Tsuga cana							1	0.95								
Thuja occi	6	7	5	2		381	19	18.10		15.0	10.91	8.75	7.88	27.54	192.78	110.16
Ulmus amer																
U. fulva																
Prunus sp.							4	3.81	5							
	55	80	58	22		4837	105	99.99			180.01	100	100	300.01	1624.35	1278.06

AVE. DIST. BTW'N TREES:

$\frac{501.5}{40} = 12.54$

AVE B. A.:

60.46

TREES/ACRE:

320

DOM./ACRE:

19,347

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3520

STATION NO.	1	2	3	4	5	6	7	8	9	10	
Abies balsam	✓		✓	✓			15	4	✓	23	2
Acer rubrum				✓	✓	✓		✓	✓	✓	
A. sacchar.	✓		✓	2		✓	✓	✓	2		
A. spicatum											✓
Betula lut.							✓				
B. papyrif			35								
Carpinus car											
Fagus gran											
Ostrya virg											
Picea glau											
Pinus Bank											
P. resinosa							30				
P. Strobus	90/95	35/34	15/200	45	2/55	120/55	45/20		100	11.0	2/40
Populus bals											
P. grand											
P. trem											
Prunus pen.		✓									
Quercus ell											
Q. rubra											
Tilia amer											
Tsuga can											
Thuja occ								19/15	1	1	
Ulmus amer											
U. fulva											
Corylus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stemella sp.											
Blackberry											
Distance	0-7 ft.	9-6	11-6	12	13	8-6	18	7-6	10	11-6	

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3520
N

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	3				100	1		19		
Acer rubrum		30								70
A. sacchar.		1	1							2
A. spicatum							1	3	2	1
Betula lut.									100	85
B. papyrif	60									
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus	35	30	1220	80/40	110	22/50	1			
Populus bals										
P. grand										
P. trem										
Prunus pen. <i>virg</i>										2
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ			9/30			3	30/40	3	100	110
Ulmus amer										
U. fulva										
<i>Corylus</i>										
<i>Dracopis</i>										
<i>Lonicera can</i>										
Distance	18	16-6	15	17	12	11-6	13	13	16-6	9

Raspberry

K

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3520

10

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		✓	✓	✓	✓				✓	✓
Acer rubrum	✓	1	3	✓	2	3	1		2	2
A. sacchar.			✓	✓						
A. spicatum	✓		✓	✓		✓				
Betula lut.										
B. papyrif				45		✓				
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus	80 80	100 15	75 130	19	20 100	50 25	35 40	45 40	100 75	65 35
Populus bals										
P. grand										
P. trem										
Prunus penn.						✓		✓	1	
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can P					1					
Thuja occ	✓ 4	✓ 3	✓							
Ulmus amer										
U. fulva										
Desmodilla	✓	✓	✓	✓						
Corylus	✓					✓	✓	✓	✓	✓
Blackberry		✓	✓			✓				
Distance	12	15	14½	12½	12	11½	8½	15	11	10

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3520

N

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam			✓	✓	✓	30	2	3	3	2
Acer rubrum		✓	11	✓			2			
A. sacchar.						1	✓	1		
A. spicatum							✓			✓
Betula lut.										
B. papyrif									150	✓
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus	65 18	✓ 4	17 80	20 35	30 45	40 50	90	95 15	110 35	23 15
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										16
Prunella Ulmus amer										✓
U. fulva										
Corylus	✓	✓		✓		✓		✓		✓
Rubus black		✓				✓				
Prunus virgin				✓						
Distance	6	15	8½	29½	9½	18½	5½	15	17	12

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3520
Quadrat No. N

Actaea pachypoda	Fragaria virginiana	Potentilla simplex
Actaea rubra	Galium lanceolatum	Prenanthes alba
Adiantum pedatum	Galium triflorum	Pteridium aquilinum
Allium tricoccum	Gaultheria procumbens	Pyrola elliptica
Anemone quinquefolia	Gaylussacia baccata	Pyrola rotundifolia
Aquilegia canadensis	Geranium maculatum	Pyrola secunda
Aralia nudicaulis	Geum canadense	Ranunculus recurvatus
Aralia racemosa	Gnaphalium obtusifolium	Rhus radicans
Arisaema atrorubens	Helianthemum sp.	Ribes americanum
Aster macrophyllus	Helianthus strumosus	Rosa sp.
Aster sagittifolius	Hepatica acutiloba	Rubus parviflorus
Athyrium angustum	Hepatica americana	Rubus (blackberry)
Botrychium virginianum	Impatiens biflora	Rubus (dewberry)
Brachyelytrum erectum	Linnaea borealis	Sambucus pubens
Carex albursina	Linnaea canadensis	Sanguinaria canadensis
Caulophyllum thalictroides	Lonicera oblongifolia	Sanicula gregaria
Chimaphila umbellata	Lupinus perennis	Smilacina racemosa
Circaea alpina	Lycopodium annotinum	Smilacina stellata
Circaea latifolia	Lycopodium complanatum	Smilax ecirrhata
Clintonia borealis	Lycopodium lucidulum	Solidago ulmifolia
Coptis trifolia	Lycopodium obscurum	Solidago ulmifolia
Corallorrhiza maculata	Lysimachia quadrifolia	Streptopus roseus
Cornus alternifolia	Maianthemum canadense	Taxus canadensis
Cornus canadensis	Mitchella repens	Thalictrum dioicum
Cornus rugosa	Mitella diphylla	Trientalis borealis
Corylus americana	Mitella nuda	Trillium grandiflorum
Corylus cornuta	Monotropa uniflora	Uvularia grandiflora
Cypripedium acaule	Myrica asplenifolia	Uvularia sessilifolia
Diervilla lonicera	Onoclea sensibilis	Vaccinium angustifolium
Dirca palustris	Oryzopsis asperifolia	Vaccinium pennsylvanicum
Dryopteris linnaeana	Osmorhiza claytoni	Viburnum acerifolium
Dryopteris phegopteris	Oxalis montana	Viola canadensis
Dryopteris spinulosa	Phryma leptostachya	Viola cucullata meog
Epifagus virginiana	Polygala pauciflora	Viola pallens
Epigaea repens	Polygonatum commutatum	Viola pubescens
Acer rubrum 	Polygonatum pubescens	Waldsteinia fragarioides
Carex proserpina	Polygonum canadense 	
Thlas Balsamea 	Carex intumescens (2)	
Betula papyrifera	Stemna virgin	
Acer spicatum 		
Acer saccharum 		

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3520

Abies balsamea ///
 Acer rubrum //X//
 Acer saccharum //
 Acer spicatum ///
Amelanchier sp. //
 Betula lutea //
Betula papyrifera
Caprinus caroliniana
Carya cordiformis
Crategeus sp.
Fagus grandiflora
Fraxinus americana
Fraxinus nigra

Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
Picea glauca
Pinus banksiana
Pinus resinosa
Pinus strobus
Populus balsamifera
Populus grandidentata
Populus tremuloides
Prunus pennsylvanica
Prunus serotina

Prunus virginiana N
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Sorbus decora
 Thuja occidentalis
Tilia americana
Tsuga canadensis
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Alnus rugosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Aquilegia canadensis
 Aralia nudicaulis ///
Aralia racemosa
Arctostaphylos uva-ursi
Arisaema atrorubens
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
Aster lateriflorus
Aster macrophyllus ///
Aster prenanthoides
 Aster sagittifolius
Aster shortii
Aster umbellatus
Athyrium angustum
Aureolaria pedicularia
Boehmeria cylindrica
Botrychium virginianum
 Brachyelytrum erectum
Bromus purgans
Campanula americana
Carex albursina
Carex pensylvanica
Caulophyllum thalictroides
Celastrus scandens
Chimaphila umbellata
Chiogenes hispidula

Circaea alpina
Circaea latifolia
Claytonia caroliniana
Claytonia virginiana
 Clintonia borealis ///
Convolvulus spithameus
Coptis trifolia ///
Corallorrhiza maculata
Corallorrhiza striata
Cornus alternifolia
Cornus canadensis //X//
Cornus femina
Cornus rugosa
Corylus americana
Corylus cornuta //X//
Cryptotaenia canadensis
Cypripedium acaule
Cypripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
Diervilla lonicera ///
Dirca palustris
Dryopteris linneana
Dryopteris phegopteris
 Dryopteris spinulosa //
Epifagus virginiana
Epigaea repens
Equisetum arvense
Erythronium americanum
Fragaria virginiana
Galium aparine
Galium boreale
Galium circaeans
Galium concinnum

Galium lanceolatum
Galium triflorum ///
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Goodyera pubescens
Goodyera repens
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Hepatica americana /
Hieracium canadense
Hydrophyllum virginianum
Hystrix patula
Impatiens biflora
Lactuca canadensis
Laportea canadensis
Lappula virginica
Lathyrus ochroleucus
Ledum groenlandicum
Linnaea borealis /
Lonicera canadensis
Lonicera hirsuta
Lonicera oblongifolia
Lonicera prolifera
Luzula multiflora
Lycopodium annotinum
 Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum ///
Lycopodium tristachyum
Lycopus americanus
Lycopus uniflora
Lysimachia quadrifolia
 Maianthemum canadense //X//

Melampyrum lineare
 Mitchella repens //
 Mitella diphylla
 Mitella nuda
 Monarda fistulosa
 Moneses uniflora
 ✓ Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia /
 Osmorhiza claytoni
 Osmunda cinnamomea
 ✓ Osmunda claytoniana
 Oxalis montana
 Panax quinquefolia
 Parietaria pennsylvanica
 Parthenocissus vitacea
 Pedicularis lanceolata
 Phyrma leptostachya
 Podophyllum peltatum
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens /
 Potentilla simplex
 Prenanthes alba
 Pteretis nodulosa
 Pteridium aquilinum

Pyrola elliptica /
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus abortivus
 Ranunculus recurvatus
 Ranunculus septentrionalis
 Rhus radicans
 Rhus typhina
 Ribes americanum
 Ribes cynosbati
 Ribes lacustre
 Ribes triste
 Rubus idaeus
 Rubus parviflorus
 Rubus hispidus
 ✓ Rubus - blackberry
 Rubus - dewberry ///
 ✓ Rubus - raspberry //
 Sambucus canadensis
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Schizachne purpurascens
 Scutellaria lateriflora
 Shepherdia canadensis
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata

Smilax herbacea
 Smilax hispida
 Solidago latifolia
 Solidago ulmifolia
 Streptopus amplexifolius
 Streptopus roseus /
 Taxus canadensis
 Thalictrum dioicum
 Tiarella cordifolia
 Trientalis borealis //H
 Trillium cernuum
 Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 Viburnum affine
 Viburnum lentago
 Viola canadensis
 Viola cucullata
 Viola incognita /
 Viola pallens
 Viola pubescens /
 Vitis aestivalis
 Vitis riparia
 Waldsteinia fragarioides
 Zanthoxylum americanum

Additional Species:

? Carex prosecta //H//
 var. can
 Anaphalis