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Site 3078: Marinette County. 1950-06-13

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STAND RECORD

FORESTS

Stand No. 3078

Name:

County: Marinette

Date: June 13, 1950

Size of Stand: 5

Forest Type: Pine

Topography: Flat.

Locality: Peshtigo - Co. Hwy D.

T: 30N R: 22E Sec: 13. SE 1/4

Observers:

Size of Area Sampled:

Soil Type: Miami Fine Sandy loam

Slope: ————— Directions —————

Condition of Stand:

Partially Grazed, Disturbed by wind Throw, Points only made.

Open Grown Trees:

% Canopy:

Stumps:

1. Red pine 70	4. Red Pine 75	7.	10.
2. White " 73	5.	8.	11.
3. Red pine 76	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

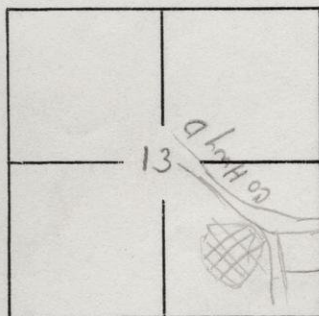
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	—	—	—	—	—	—	—	—	—
A ₁	2"	—	—	—	—	—	—	—	—
A ₂	2-5	—	—	—	—	—	—	—	—
B	—	—	—	—	—	—	—	—	—

reddish sandy

Parent Material:

Map:



Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

Northern Pine-Hardwoods

Station Number: 3078

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.
			-80	-320	321										
Abies bals															
Acer rubru															
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa	1	1				45					4.4	2.5	.64	7.5	22.5
P. Strobus	20	37				684					87.0	92.5	97.8	277.3	1386.5
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana	1	1				73					4.4	2.5	1.0	7.9	63.2
Thuja occi	1	1				15					4.4	2.5	.2	7.1	42.6
Ulmus amer															
U. fulva															
	23	40				6974									1514.8

AVE. DIST. BTW'N TREES:

21.4

AVE B. A.:

174.4

TREES/ACRE:

110

DOM./ACRE:

19,184

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3078

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum							(125)		2	
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa		45								
P. Strobus	135 295 (120)	53 (135)	135 210 (150, 135)	160 138 (225)	475 143 (160, 240)	230 310 (150, 120)	220 85 (90)	55, (10)	140 120 (100, 165)	105
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can	(42)	(55)		2	2	1				(52, 55) 13
Thuja occ	2	4	2	15	1			1	2	
Ulmus amer										
U. fulva										
Distance	11	14	19	22	32.5	28.5	15	10.5	20.5	25

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3078

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										420
A. sacchar.										
A. spicatum										
Betula lutea										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus	135 220 125 160	130 220 125 65	340 220 125 110	115 30 80 14	125 125 155	300 120 155	380 120 155	55 100 135	425 125 135	75 130 190
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can				72			21			
Thuja occ		4					24	3		2
Ulmus amer										
U. fulva										
Distance	35	12	53 1/2	25	12 1/2	10 1/4	35 1/2	7 1/2	15	20

Open
ground
1040
955

[illegible]

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Cirsium altissimum	✓																						1
Claytonia caroliniana																							
Claytonia virginica																							
Clematis verticillaris																							
Clintonia borealis	✓																						1
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis greenlandica	✓																						1
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia																							1
Cornus canadensis	✓																						
Cornus foemina																							
Cornus rugosa																							
Corydalis sp.	✓																						1
Corylus americana																							
Corylus cornuta	✓																						1
Cryptotaenia canadensis																							
Cynoglossum boreale																							
Cypripedium acaule																							
Cypripedium parviflorum																							
Cypripedium pubescens																							
Cystopteris fragillis																							
Danthonia spicata																							
Dentaria diphylla																							
Desmodium glutinosum																							
Desmodium nudiflorum																							
Dicentra canadensis																							
Dicentra cucullaria																							
Diervilla lonicera																							
Dirca palustris																							
Dryopteris bootii																							
Dryopteris cristata																							
Dryopteris goldiana																							
Dryopteris diojuncta	✓																						
Dryopteris phegopteris	✓																						
Dryopteris spinulosa																							
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense																							
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana	✓																						

Stand No. 3078

[illegible]

Stand No. 3078

NORTHERN PINE-HARDWOODS

[illegible]

NORTHERN PINE-HARDWOODS

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Prenanthes alba	✓																						1
Prunella vulgaris	✓																						
Pteretis pensylvanica	✓																						
Pteridium aquilinum	✓																						1
Pyrola asarifolia	✓																						
Pyrola elliptica	✓																						
Pyrola minor	✓																						
Pyrola rotundifolia	✓																						1
Pyrola secunda	✓																						1
Pyrola virens	✓																						
Ranunculus abortivus	✓																						1
Ranunculus recurvatus	✓																						
Ranunculus septentrional	✓																						
Rhus radicans	✓																						1
Rhus typhina	✓																						1
Ribes americanum	✓																						
Ribes cynosbati	✓																						
Ribes lacustre	✓																						
Ribes triste	✓																						
Rosa sp.	✓																						1
Rubus idaeus	✓																						
Rubus parviflorus	✓																						
Rubus hispidus	✓																						
Rubus - blackberry	✓																						1
Rubus - dewberry	✓																						1
Rubus - raspberry	✓																						1
Salix sp.	✓																						
Sambucus canadensis	✓																						
Sambucus pubens	✓																						1
Sanguinaria canadensis	✓																						1
Sanicula gregaria	✓																						
Sanicula marilandica	✓																						
Schizachne purpurascens	✓																						1
Scutellaria lateriflora	✓																						
Senecio aureus	✓																						
Shepherdia canadensis	✓																						
Smilacina racemosa	✓																						
Smilacina stellata	✓																						
Smilax ecirrhata	✓																						
Smilax herbacea	✓																						
Smilax hispida	✓																						
Solidago canadensis	✓																						
Solidago flexicaulis	✓																						
Solidago ulmifolia	✓																						
Spiraea alba	✓																						1
Stellaria longifolia	✓																						
Streptopus amplexifolius	✓																						
Streptopus roseus	✓																						1
Symphoricarpos albus	✓																						
Taxus canadensis	✓																						
Thalictrum dioicum	✓																						

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3078

Abies balsamea
~~Acer rubrum~~
 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~~
 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~~
 Cornus femina
 Cornus rugosa
 Corylus americana
~~Corylus cornuta~~
 Cryptotaenia canadensis
 Cyripedium acaule
 Cyripedium 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
 Lycopodium americanus
 Lycopodium uniflora
 Lysimachia quadrifolia
~~Maianthemum canadense~~

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
 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:

Viola adunca.

corydalis-(3)

Cirsium altissimum.

Viola blanda.

Rosa.

Spiraea

Osmunda regalis.

THE CORTICOLOUS VEGETATION OF THE NORTHERN WISCONSIN UPLAND
Data collected by William L. Culberson, Summers 1952-1953.

From a 40-tree sample, the continuum index of this stand is 1665.....
Abbreviations in the data sheets refer to the following species:

Alectoria nidulifera	Parmelia saxatilis	(Bryophytes)
Allarthonia caesia	Parmelia subaurifera	
Anaptychia palmatula	Parmelia subquercifolia	Amblystegium varium
Anaptychia speciosa	Parmelia sulcata	Anomodon attenuatus
Arthonia radiata	Parmelia trichotera	Anomodon minor
Bacidia chlorococca	Parmeliopsis ambigua	Anomodon rostratus
Bacidia fuscorubella	Parmeliopsis hyperopta	Anomodon tristis
Bacidia sp.	Parmeliopsis placorodia	Bazzania trilobata
Buellia punctata	Peltigera canina	Brachythecium sp.
Buellia stillingiana	Pertusaria sp.	Brotherella recurvans
Caloplaca aurantiaca	Physcia aipolia	Campylium hispidulum
Caloplaca cerina	Physcia ascendens	Chamberlainia acuminata
Caloplaca sp.	Physcia ciliata	Dicranum flagellare
Candelaria concolor	Physcia grisea	Dicranum montanum
Candelaria fibrosa	Physcia millegrana	Dicranum sp.
Cetraria atlantica	Physcia orbicularis	Entodon sp.
Cetraria ciliaris	Physcia syncolla	Eurhynchium serrulatum
Cetraria fendleri	Physcia tribacoides	Eurhynchium strigosum
Cetraria oakesiana	Pyrenula leucoplaca	Frullania asagrayana
Cetraria pinastri	Pyrenula nitida	Frullania bolanderi
Cladonia botrytes	Pyxine soreliata	Frullania eboracensis
Cladonia cenotea	Ramalina fastigiata	Heterophyllum
Cladonia chlorophaea	Ramalina pollinaria	haldanianum
Cladonia coniocraea	Rinodina halei	Hypnum reptile
Cladonia cristatella	Rinodina papillata	Hypnum sp.
Cladonia verticillata	Rinodina sp.	Jamesoniella autumnalis
Collema subfurvum	Trypethelium virens	Leskea sp.
Conotrema urceolatum	Usnea sp.	Leucodon sciuroides
Evernia mesomorpha	Xanthoria fallax	Lindbergia brachyptera
Graphis scripta	Xanthoria polycarpa	var. austinii
Lecanora pallida		Lophocolea heterophylla
Lecanora subfusca		Mnium cuspidatum
Lecanora varia		Mnium spinulosum
Lecidea berengeriana		Neckera pennata
Lecidea nylanderii		Orthotrichum sp.
Lecidea vernalis		Plagiochila asplenioides
Lepraria aeruginosa		Plagiothecium sp.
Leptorhaphis epidermidis		Platygyrium repens
Le sym - unknown crustose		Porella platy-
Lobaria pulmonaria		phylloidea
Lobaria quercizans		Ptilidium pulcherrimum
Normandina pulchella		Pylasia sp.
Ochrolechia pallescens		Radula complanata
Opegrapha varia		Tetraphis pellucida
Parmelia andreana		Thuidium delicatulum
Parmelia aurulenta		Ulota crispa
Parmelia borrieri		
Parmelia caperata		
Parmelia cetrarioides		
Parmelia crinita		
Parmelia physodes		
Parmelia rudecta		

3078

[illegible]

No. trees	Ac rub	Ac sac	Be lut	Be pap	Fa gra	Os vir	Pi ban	Pi res	Pi str	Po gra	Po tre	Pr ser	Qu alb	Qu ell	Qu rub	Ti ame	Ts can	Ul ame	Total	Frequency
								1	30							9				
Ba chl								1	24								8		33	58
Cl con								1	15								1		17	43
Cl cri									1										1	3
Cr neg								1	24								7		32	80
Ev mes									1										1	3
Le sub									6										6	15
Le var									3										3	8
Pa cap									25								1		26	65
Pa phy									3								1		3	8
Pa rud									10								1		11	28
Pa sul									3										3	8
								3	115								18		18	136
Br rec									2										2	5
Di mon								1	15								3		19	48
He hal									1										1	3
Lo het									1										1	3
Plagio								1	2										3	8
Pl rep								1	12								9		22	55
Pt pul									2										2	5
Hy rep								1	1										2	5
								4	36								12		12	52