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Site 5140: Manitowoc County, Township 20N, Range 24E, Section 20. 1953-08

[s.l.]: [s.n.], 1953-08

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STAND RECORD

FORESTS

 Stand No. 3202
~~3246~~
 5140

Name:

Locality:

County: Manitowoc

T: 20N

R: 24E

Sec: 20

Date: August 1953

Observers: Goder

Size of Stand: 40 acres

Size of Area Sampled:

Forest Type: hardwood-hemlock

Soil Type:

Topography: level

Slope:

Directions

 Condition of Stand: some disturbance because of lumbering of large hemlock
 during winter of 1953

Prob. .80

CI 2245.4

Open Grown Trees:

% Canopy: 70

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	5.3								
A ₁									
A ₂	4.3								
B									

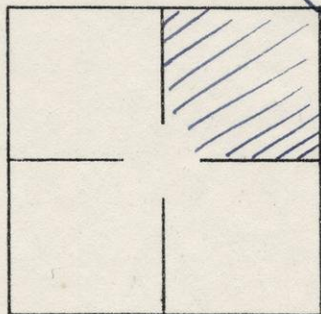
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	3"	
A ₁	5"	
A ₂	3"	
B		

Parent Material:

Map:



Hwy 147

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3202

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum					85					
A. sacchar.	35 ✓	✓	✓	45 110 ✓	✓	12 ✓	140 ✓	✓	✓	✓
A. spicatum										
Betula lut.		65	150						✓	60 95
B. papyrif										
Carpinus car										
Fagus gran			✓		65 ✓			320 170 200 ✓	✓	✓
Ostrya virg						12		✓		
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.							12			
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can	30 30 ✓	28 ✓	35 200 ✓	125 15 ✓	190 ✓	170 ✓	140 120 ✓	50 95 ✓	125 80 320 200 ✓	120 20 ✓
Thuja occ		40 ✓					15 ✓			
Ulmus amer	170 170 ✓	84 ✓	140 ✓		560 45 ✓	290 ✓				
U. fulva										
Trif. am						6 ✓				
Distance	5206	4132	7122	15216	53324	22	51220	16268	1819	1284

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3202

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>										
<i>Acer rubrum</i>	✓			✓		✓	✓			
<i>A. sacchar.</i>	✓	✓	✓	✓	✓	160 270	✓	65	150	✓
<i>A. spicatum</i>										
<i>Betula lut.</i>		✓ 80		✓	✓	270	260 150	✓ 260		40
<i>B. papyrif</i>										
<i>Carpinus car</i>										numerous
<i>Fagus gran</i>			200 20	✓ 100	✓	✓	60	✓		
<i>Ostrya virg</i>										
<i>Picea glau</i>										
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobis</i>	130 270	160 390 180			260					
<i>Populus bals</i>										
<i>P. grand</i>										
<i>P. trem</i>										
<i>Prunus pen.</i>										
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										✓
<i>Tsuga can</i>	1212 270	✓ 130	✓ 150	✓ 2525 45	✓ 3025 2540	✓ 380 160	✓ 12	✓ 12	✓ 95 150	✓ 12 2040
<i>Thuja occ</i>		100					35	35		
<i>Ulmus amer</i>										
<i>U. fulva</i>			130	140						
<i>Xap.</i>								130	65 95	
<i>X. rap an.</i>										190
Distance	10 15	19 127	12 119	12 141	16 204	28 20	8 131	10 165	60 99	15 39

Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

Northern Pine-Hardwoods

Station Number: 3202

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# F. % SEED	# F. % SAP	# F. % SOL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.	
			-80	-320	321											
Abies bals																
Acer rubru	1	1		1		85	3	18.75	4	6.43	85.00	1.61	1.00	.72	3.33	19.98
A. sacchar	7	9	4	5		977	7	43.75	19	30.65	108.56	11.28	9.00	8.29	28.59	285.70
A. spicatu																
Betula lut	8	10	4	6		1430	2	12.50	5	8.06	1430	12.90	10.00	12.13	35.03	280.24
B. papyrif																
Carpinus c																
Fagus gran	5	8	3	4	1	1195	4	25.00	11	17.74	149.37	8.06	8.00	10.13	26.19	261.90
Ostrya vir	1	1	1			12			1	1.61	12.00	1.61	1.00	.10	2.71	24.39
Picea glau																
Pinus Bank																
P. resinosa																
P. Strobus	3	6		5	1	1390	0		19	30.65	231.66	4.84	6.00	11.79	22.63	113.15
Populus ba																
P. grandid																
P. tremulo																
Prunus pen.	1	1	1			12			12	1.61		1.00	.10	2.71	8.13	16.84
Quercus el																
Q. rubra																
Tilia amer																
Tsuga cana	20	45	30	13	2	3371			74.91	32.24		45.00	28.59	105.83	846.64	899.55
Thuja occi	5	5	4	1		225			3	4.84	45.00	8.06	5.00	1.91	14.97	104.79
Ulmus amer	5	7	1	4	2	2215			316.43	8.06		7.00	18.78	33.84	270.72	186.12
U. fulva	2	2		2		270			135.00	3.22		2.00	2.29	7.51	52.57	52.57
Frax. n.	4	5	2	3		610			122.00	6.45		5.00	5.17	16.62	116.34	116.34
			50	44	6		16	62								
	62					11992										2384.55

AVE. DIST. BTW'N TREES: 13.68

AVE. B. A.: 147.40

TREES/ACRE: 268.8

DOM./ACRE:

H. 74.91