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CENTRAL WISCONSIN CONSERVATION AREA

COUNTY: Juneau

DATE: June 25, 1958

STAND NO. 1

LOCATION: T20N-R2E, Sec 28 SW 1/4

	1	2	3	4	5	6	7	8	9	10
<i>Quercus ellipsoidalis</i> (17)	18 1		42 40 1	220	105 140 1	87 127 12 132 1	28 45 1	40 29 16 1	27 13	
<i>Pinus banksiana</i> (21)	38 32 240 III	23 17 17 52 I	27 57 I	23 13 24 III	22 22 II		12 17 II	40 II	12 I	25 17 14 I
<i>Pinus resinosa</i>										
<i>Amelanchier</i> <i>Pinus strobus</i>										
<i>Populus tremuloides</i>		I	I	I	I					
<i>Populus grandidentata</i> (1)									22 I	
<i>Betula papyrifera</i> (1)										17 I
<i>Prunus serotina</i>										
(14.36) 1149.0 Tree Distances	8.5 10.0 11.5 16.0	6.5 11.5 9.5 19.0	7.0 12.0 8.5 15.0	9.0 12.0 12.5 27.0	13.0 21.0 20.0 11.0	14.0 9.0 11.0 22.0	14.5 13.0 5.0 25.0	10.0 12.5 8.0 30.0	8.0 15.0 8.0 13.0	4.0 6.0 13.5 16.5
(14.13) 1130.5 Sapling Distances	12.5 14.5 14.0 8.0	6.5 11.5 11.5 16.0	6.5 9.0 41.0 28.0	19.0 23.0 27.0 25.0	23.0 23.0 13.0 13.5	10.0 10.5 21.0 15.0	6.0 19.0 16.0 20.0	8.0 9.0 11.0 11.5	5.0 14.0 17.0 16.5	8.0 9.5 7.5 13.0

CENTRAL WISCONSIN CONSERVATION AREA

COUNTY: _____

DATE: _____

STAND NO. /

LOCATION: _____

	1	2	3	4	5	6	7	8	9	20
<i>Quercus ellipsoidalis</i> (14)		50 32 130 I	112 89 55 85 IIII			165	13.5 /	45 28 II	21 37 64 III	
<i>Pinus banksiana</i> (24)	28 15 18 23 IIII	89 III		32 16 27 21 IIII	31 26 12 IIII	22 78 14 IIII	25 20 26 III	17 12.5 II	38 I	14.5 14.0 20.5 II
<i>Pinus resinosa</i>										
<i>Pinus strobus</i>										
<i>Populus tremuloides</i>										
<i>Populus grandidentata</i> (2)					37					13 I
<i>Betula papyrifera</i>										I
Tree Distances	12.5 10.0 19.0 28.0	8.5 22.0 29.0 22.0	12.0 14.5 21.0 40.0	6.5 8.5 7.0 15.5	12.0 9.5 22.5 8.5	21.0 13.0 11.0 41.0	12.0 18.0 14.0 25.0	9.5 12.0 15.0 13.5	4.5 12.5 31.0 15.0	6.5 10.5 13.5 5.5
Sapling Distances	5.0 15.5 16.0 18.5	7.5 9.0 10.0 23.0	10.5 35.0 15.0 17.0	21.0 15.0 15.0 16.0	8.0 12.5 6.5 7.0	8.0 13.5 10.5 12.0	7.5 10.5 8.0 8.0	8.0 8.0 12.5 19.0	9.5 28.0 20.5 26.0	5.5 11.5 26.0 24.0

CENTRAL Wisconsin Conservation Area - DATA SHEET

STAND No 1

County: Juneau Co.

DATE: June 25, 1958

Location T10N-R2E, Section 23 SW 1/4

Size: 25 acres ±

	1	2	3	4	5	6	7	8	9	10		
<i>Quercus ellipsoidalis</i>	18 1 1 1 1 132		42 40 1	220	105 140 1	87 127 12 132	28 45 1	40 29 16 1	27 13		11	(17)
<i>Pinus banksiana</i>	38 32 240 III	23 17 17 52	27 57 1	23 13 24 III	22 22 II		12 17 III	40 17 III	12 17 II	25 17 14 I		(21)
<i>Populus tremuloides</i>			1	1	1	1						
<i>Betula papyrifera</i>										17		(1)
<i>Pinus resinosa</i>										1		
<i>Prunus</i>												
<i>Amelanchier</i>												
<i>Pop. grandidentata</i>									22			(1)
Tree Distance	8.5 10.0 11.5 16.0	6.5 11.5 7.5 19.0	7.0 12.0 8.5 15.0	9.0 12.0 12.5 27.0	13.0 21.0 20.0 11.0	14.0 9.0 11.0 22.0	14.5 13.0 5.0 25.0	10 12.5 8.0 30.0	8.0 15.0 8.0 13.0	4.0 6.0 13.5 16.5		
Sapling distance	12.5 14.5 14.0 8.0	6.0 11.0 11.5 16.0	6.5 9.0 41.0 28.0	19.0 23.0 27.0 25.0	23.0 23.0 13.0 13.5	10.0 10.5 21.0 15.0	6.0 19.0 16.0 20.0	8.0 9.0 11.0 11.5	5.0 14.0 17.0 16.5	8.0 9.5 7.5 13.0		

	11	12	13	14	15	16	17	18	19	20	
<i>Q. ellipsoidalis</i>		50 32 130 1	112 89 55 85			165	135	45 28	21 37 64		(14)
<i>Pinus banksiana</i>	28 15 18 23 	89 0 		32 16 27 2	31 24 12 	22 78 14 	25 20 26 	17 12.5 	38 14.0 20.5 	14.5 14.0 20.5 11	(24)
<i>Populus trem.</i>											
<i>Betula papyrifera</i>										1	
<i>Pinus resinosa</i>											
<i>Pop. grand.</i>					37					13	(2)
Tree Distance	12.5 10.0 19.0 28.0	8.5 22.0 29.0 22.0	12.0 14.5 21.0 40.0	6.5 8.5 7.0 15.5	12.0 9.5 22.5 8.5	21.0 13.0 11.0 41.0	12.0 18.0 14.0 25.0	9.5 12.0 15.0 13.5	4.5 12.5 31.0 15.0	6.5 10.5 13.0 5.5	
Sapling distance	5.0 15.5 16.0 13.5	7.5 9.0 10.0 23.0	10.5 35.0 15.0 17.0	21.0 15.0 15.0 16.0	8.0 12.5 6.5 7.0	8.0 13.5 10.5 12.0	7.5 10.5 8.0 8.0	8.0 8.0 12.5 19.0	9.5 28.0 20.5 26	5.5 11.5 26.0 24.0	

Central Wisconsin Conservation Area

STAND No 1

3293

Tree Data Summary Sheet

Tree	No. Pts	No Trs	Total Dom.	No. Pts Sap.	No Sap.	D % Sap	Seedl.	F % Seedl.	F % Trees	% Sum F Trees	D % Trees	Dom % Trees	I.I	C.I	
<i>Acer rubrum</i>															
<i>Amelanchier</i>				1	1	1.25									
<i>Betula papyrifera</i>	1	1	17	3	3	3.75			5.0	2.8	1.4	0.5	4.7	23.5	23.5
<i>Populus grand.</i>	3	3	72	3	3	3.75			15.0	8.3	3.7	2.0	14.0	60.2	21.0
<i>Populus trem.</i>				4	4	5.0									
<i>Prunus serotina</i>				2	2	2.5									
<i>Pinus banksiana</i>	18	45	1383	19	46	57.2			90.0	50.0	56.2	39.3	145.5	145.5	145.5
<i>Pinus strobus</i>															
<i>Pinus resinosa</i>															
<i>Quercus alba</i>															
<i>Q. macrocarpa</i>															
<i>Q. rubra</i>															
<i>Q. velutina</i>															
<i>Q. ellipsoidalis</i>	14	31	2047	13	20	25.0			70.0	38.9	38.7	58.2	135.8	135.8	277.6
<i>Larix laricina</i>															
TOTALS	36	80	3519	46	80	100.0			180.0	100.0	100.0	100.0	300.0	365.0	467.6

Name

Ave. Distance between trees: 14.36Number Trees / Acre: 211Dominance / Acre: 9,284Ave. B.H.: 44.0Ave Sapling Distance: 14.13Number Saplings / Acre: 218Ave Shrub Distance: 6.84Ave Percent Canopy Cover: 20.9

free dist

①

5 1.6 5
1.2 5
1.0 0
1.9 0
2.8 0
.8 5
2.2 0
2.9 0
2.2 0
1.2 0
1.4 5
2.1 0
4.0 0
.6 5
.8 5
.7 0
1.5 5
1.2 0
.9 5
2.2 5
.8 5
2.1 0
1.3 0
1.1 0
4.1 0
1.2 0
1.8 0
1.4 0
2.5 0
.9 5
1.2 0
1.5 0
1.3 5
.4 5
1.2 5
3.1 0
1.5 0
.6 5
1.0 5
1.3 5
.5 5

1 1 4.9 0 *

Tree distances

①

.85
1.00
1.15
1.60
.65
1.15
.75
1.90
.70
1.20
.85
1.50
.90
1.20
1.25
2.70
1.30
2.10
2.00
1.10
1.40
.90
1.10
2.20
1.45
1.30
.50
2.50
1.00
1.25
.80
3.00
.80
1.50
.80
1.30
.40
.60
1.35
1.65
5 1.65 *

Shrub

①

	.10
	.30
	5
	.30
	.40
1	.00
	.60
	.40
	.30
	.70
1	.25
2	.40
	.20
	.10
	.90
1	.10
	.10
	.90
	.90
	.40
	.50
	.20
	.60
	.60
	.80
	.70
	.70
	.70
2	.50
	.50
1	.10
	.40
	.50
	.30
	.50
1	.10
	.20
	.40
	.40
	.60
	.50
	.40
	.50
	.10
	.20
	.20
	.20
2	.80
2	.10
2	.40
1	.60
	.90
	.50
	.60
1	.40
	.30
	.40
2	.00
1	.15
	.40
	.50
	.40
	.70
	.30
	.30
	.40
	.40
	.50
	.75
	.90
	.95
2	.90
1	.40
5	4.75 *

Sapling dis

①

1.25
1.45
1.40
.80
.60
1.10
1.15
1.60
.65
.90
4.10
2.80
1.90
2.30
2.70
2.50
2.30
2.30
1.30
1.35
1.00
1.05
2.10
1.50
.60
1.90
1.60
2.00
.80
.90
1.10
1.15
.50
1.40
1.70
1.65
.80
.95
.75
1.30
59.20 *

Spring

①

.50
1.55
1.60
1.35
.75
.90
1.00
2.30
1.05
3.50
1.50
1.70
2.10
1.50
1.50
1.60
.80
1.25
.65
.70
.80
1.35
1.05
1.20
.75
1.05
.80
.80
1.25
1.90
.95
2.80
2.05
2.60
.55
1.15
2.60
2.40
5 9.20
1 1 3.05 *

STAND NO. 1

547.5

SHRUB DISTANCES

(6.84)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

*Gaylussacia baccata**Rubus-blackberry**Myrica asplenifolia**Ilex verticillata**Corylus americana**Prunus pensylvanica**SALIX sp.**Lonicera canadensis*

Canopy Cover (%)

(20.94)

(1675.0)

STAND NO. _____

[illegible]

Shrub Distances

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20							
<i>Gaylussacia</i>	4	3	3	11	9	4	6	7	4	11	6	1	28	9	3	4	0	4	9								
<i>baccata</i>	10		4						25	5	5	2	21		4	5	0	4	9	5							
			19									2			20	4	3		29								
												2					3										
<i>Salix</i> sp.	6				1									16													
	125	125			2																						
	24																										
<i>Ilex verticillata</i>																											
<i>Lonicera</i>	4																										
<i>canadensis</i>																											
<i>Spiraea</i>																											
<i>Myrica asplen.</i>	5	7	8	9	0	5	8	5	3	2			24		11	5	7	5	14								
	3				1	2	7	11	5	4								15									
					9	6	7			4																	
<i>Vaccinium</i>	3																										
<i>argenteum</i>																											
<i>Rubus</i> - blackberry	1											4			5												
	3											5			6												
															14												
<i>Campy cover</i>	1675	0	10	30	30	75	5	30	5	0	10	75	0	5	0	45	20	0	0	30	5	0	70	50	20	10	30
%	0	15	70	50	30	0	20	5	0	20	30	10	10	0	75	30	5	0	70	0	0	0	75	70	5	50	
	5	10	20	10	20	0	10	5	0	20	30	10	10	5	30	20	30	10	20	10	0	5	75	30	0	10	
	0	10	50	10	20	0	10	10	0	30	0	5	0	5	30	5	10	10	10	0	0	5	10	50	10	10	

B = Browsed

U = Unbrowsed

Herb Frequency

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	%
<i>Vaccinium angustifolium</i>	✓ ^B	B	B		B	B	B	B		B	B	B	✓	✓	✓	✓	✓	✓		✓	85
<i>Gaultheria procumbens</i>		U	B							B											15
<i>Rubus pubescens</i>	B				✓	✓	✓														15
<i>Fragaria virginiana</i>																					
<i>Pyrola elliptica</i>																					
<i>P. rotundifolia</i>																					
<i>Epigaea repens</i>																					
<i>Arctostaphylos</i>																					
<i>Polygala paucifolia</i>																					
<i>Mitchella repens</i>																					
<i>Waldstemia fragarioides</i>																					
<i>Chimaphila umbellata</i>																					
<i>Potentilla simplex</i>																					✓
<i>Apocynum</i>			✓																		5
<i>Pteridium</i>																					✓
<i>Maianthemum</i>			✓				✓						✓								15
<i>Lysimachia quadrifolia</i>	✓		✓		✓														✓		20
<i>Hieracium</i>		✓																			5
<i>Krigia</i>						✓										✓					10
<i>Aster macro.</i>																			✓		5
<i>Achillea</i>																					✓
<i>Aralia nudicaulis</i>																					✓
<i>Anemone quin</i>																					✓
<i>Osmunda regalis</i>																					
<i>Prenanthes alba</i>																					
<i>Onoclea sensibilis</i>																					
<i>Utricularia sessilifolia</i>			✓		✓																10
<i>Trientalis borealis</i>																					
<i>Antennaria sp.</i>							✓												✓		10
<i>Eupatorium perfoliatum</i>																					
<i>Panicum</i>																					
<i>Dryopteris spinulosa</i>																					
<i>Poa sp</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100
<i>Quercus ellip. seed.</i>	✓	✓	✓		✓	✓		✓		✓			✓								40
<i>Melampyrum</i>	✓	✓	✓																		15
<i>Betula papyrif. seed</i>		✓											✓	✓		✓			✓		25
<i>Pteridium aquil</i>			✓						✓	✓											15
<i>Rubus-blackberry</i>			✓										✓	✓					✓		20

Heart Frequency

[illegible]