

Compartment Review Presentation

Shingleton Forest Management Unit Compartment 41142 Entry Year 2022 Acreage: 2,385 County Alger Management Area: Danaher Kingston Outwash

Revision Date: 2020-05-13

Stand Examiner: Mario Molin

Legal Description:

48N 15W Sections: 19 20 28 29 30

Identified Planning Goals:

To manage for Wildlife, timber, and natural history while providing recreational opportunities to the public.

Soil and topography:

Rolling to flat Outwash Transition, Kingston Outwash

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Corporate lands to North ,West, and South

Unique Natural Features:

Pine stump reservoir in parts. Loon (Gavia immer, state threatened) have been recorded nesting in nearby Nevin's Lake and Nugent Lake.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Fisheries Values - None.

Wildlife Habitat Considerations:

Compartment 142 lies within eastern Alger county in the Grand Marais Sandy End Moraine and Outwash ecological subsubsection and is a part of the Danaher Kingston Outwash Management area with eastern bluebird, Kirtland's warbler, red crossbill, sharptailed-grouse, spruce grouse and upland sandpiper as featured species. It is characterized by a growing season of less than 100 days with winter temperatures lows of -40 degrees F. Average annual snowfall can exceed 200 inches.

Pre-settlement conditions in this area were dominated by an upland mix of northern hardwood and conifers. Species included hemlock, white pine, sugar maple, red maple, beech, yellow birch, white birch, spruce (probably white spruce) and fir. After the initial wave of logging removed the timber circa 1900, hot slash fires swept across this compartment consuming not only the residual wood, but also the organic matter in the soil. The combination of logging and slash fires produced large open plains with sand soils. Today, this compartment is dominated by hardwood and white pine (similar in species composition as the pre-settlement forest) in the west and south. Pine plantations and upland openings cover the north, central and eastern portion. The upland openings contain many old stumps that reflect the natural history of this area.

Wildlife habitat management objectives include maintaining the large opening complexes for open-land species and historical purposes. The hardwood and white pine stands will be managed to encourage species diversity that reflects presettlement conditions. Other wildlife priorities include management of large blocks of jack pine forest for early successional wildlife, managing mixed pine, red, and white pine stands for mature seed-bearing trees, ensuring connectivity and structure in older jack pine stands and lowland conifer stands and encouraging structural diversity in hardwood stands. Other wildlife species of interest include merlin, sandhill cranes, marten and the common loon.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Cambrian Trempealeau and Ordovician Prairie du Chien (PdC) subcrop below the glacial drift. The Trempealeau and PdC could be used for stone. There are not any gravel pits in the area. There appears to be limited gravel potential on State lands.

Vehicle Access:

Many trails. County Road H-58

Survey Needs:

May need survey work on southern end of compartment.

Recreational Facilities and Opportunities:

The main snowmobile trail to Grand Marais runs through the compartment. There is a lot of dispersed camping activity at Fred's Pond. There is an information center at the junction of H-58 and the Adams Trail. Being the main route through Pictured Rocks National Lakeshore, there is a lot of recreational automobile traffic in the snow-free months.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached: Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

The following information is displayed, where pertinent, on the attached compartment maps: Base feature information, stand boundaries, cover types, and numbers Proposed treatments Site condition boundaries Details on the road access system







Stand Boundary Map

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Compartment: 142 T48N, R15W, Sec. 19, 20, 28-30 County: Alger Unit: Shingleton Mgmt Area: Danaher Kingston Outwash YOE: 2022 Acres: 2,385 GIS Calculated Examiner: Mario Molin Map Revised: 8/25/2020 Map Phase: Web Post







	—— Lake/Pond	623 - Emergent Wetland
Corners	Lakes and Rivers	
	Compartment Boundary	
	Stand Boundaries	
Road	411 - Northern Hardwood	
ute	421 - Planted Pines	
Paved Road	422 - Natural Pines	
avel Road	429 - Mixed Upland Conifers	
	430 - Upland Mixed Forest	
ad	122 - Roads/Parking Lot	
	310 - Herbaceous Openland	
	320 - Upland Shrub	
	330 - Low Density Trees	
Trails	500 - Water	
	622 - Lowland Shrub	





Report 1 – Total Acres by Cover Type and Age Class

Shingleton Mgt. Unit

Mario Molin : Examiner

Compartment 142 Year of Entry 2022



Age Class

	How	der c	83 × 5	82 (\$	67 (2) 67 (2)	3 4	8 - 5 5	8		R 8	\$ }	8 Ju	⁷ ¹ ¹ ²	8. K	87 KI	97. 197	222	St Jost	and to
Herbaceous Openland	224	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	224
Low-Density Trees	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242
Lowland Shrub	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Northern Hardwood	0	0	0	0	0	0	8	77	227	0	0	0	0	0	0	0	0	7	319
Red Pine	0	0	44	0	0	0	0	430	0	0	0	0	0	0	0	0	0	0	474
Upland Conifers	0	0	0	0	0	0	0	14	199	0	0	0	0	0	0	0	0	0	213
Upland Mixed Forest	0	0	0	0	0	0	0	75	5	0	0	0	0	0	0	0	0	97	177
Upland Shrub	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131
Upland Spruce/Fir	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Urban	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Water	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
White Pine	0	0	0	0	0	5	51	234	55	0	0	0	0	6	0	0	0	159	510
Total	688	0	44	0	5	5	59	830	486	0	0	0	0	6	0	0	0	263	2386

Acres of Harvest



Compartment 142 Total Compartment Acres: 2,385

Commercial Harvest - 374 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



S t		Shingleto	n Mgt. Unit	F	Repoi	rt3 ⁻	Treatments		Compartmen Year of Entry		DNP DNF
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Ha
	ed Treatme										
16	41142016-Cu	t 29.0	42110 - Planted Red Pine	Sawtimber Well	66	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	
<u>Pres</u> Spec		nd thinning,	possibly row thin.	110BA resid	lual.						
	<u>: Step</u> .tments:										
<u>Acce</u> Rege	eptable_ en:										
<u>Othe</u> <u>Com</u>	er iment:										
<u>Site</u>	Condition										
<u>Prop</u>	osed Start Dat	<u>e:</u> 10/1/20	021								
20	41142020-Cu	t 205.4	42110 - Planted Red Pine	Sawtimber Well	65	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	
<u>Pres</u> Spec	<u>cription</u> First e	entry thinnir	ng					-			
	<u>: Step</u> <u>tments:</u>										
<u>Acce</u> Rege	eptable_ en:										
<u>Othe</u> Com	er iment:										
	<u>Condition</u>										
<u>Prop</u>	osed Start Dat	<u>e:</u> 10/1 /20	021								
26	41142026-Cu	t 18.7	42110 - Planted Red Pine	Sawtimber Well	66	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	
<u>Pres</u> Spec		entry thinnir	ng (row thinning)								
	<u>: Step</u> tments:										
<u>Acce</u> Rege	eptable_ en:										
<u>Othe</u> Com	er iment:										
	Condition										
<u>Prop</u>	osed Start Dat	<u>e:</u> 10/1 /20	021								
34	41142034-Cu	t 30.7	42110 - Planted Red Pine	Sawtimber Well	· 66	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	
<u>Pres</u> Spec		entry thinnir	ng (row thinning)								
	<u>tments:</u>										
<u>Rege</u>											
<u>Othe</u> Com	er iment:										
<u>Site</u>	Condition										
<u>Prop</u>	osed Start Dat	<u>e:</u> 10/1 /20	021								

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Report 3 -- Treatments

Compartment: 142



S Year of Entry: 2022 t а Treatment Size Stand BA Treatment Treatment Cover Type Acres Stand Age Habitat n Method Name CoverType Density Age Range Type Objective Structure Cut d 40 41142040-Cut 10.9 42110 - Planted Sawtimber 66 111-Harvest Crown Thinning 4211 - Planted Even-Aged No Red Pine Red Pine Well 140 Prescription First entry on a 66 year old plantation. Remove all trees moving out of market size class (18 inches and up), this may be as much as 50% Specs: of the stand. Include large (18inches) red pine in the boundary line to serve as habitat for red cross bill and retention in future. Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 41142057-Cut 10.0 42110 - Planted Sawtimber 66 81-110 Harvest Crown Thinning 4211 - Planted Even-Aged No 57 Red Pine Well Red Pine Prescription Cut all trees moving out of market size, 18inches and up, trees crowded in the canopy. Residual BA will vary across the stand. Include Specs: large (18inches) red pine in the boundary line to serve as habitat for red cross bill and retention in future Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 41142063-Cut 57.9 42200 - Natural Sawtimber 64 81-110 4220 - Natural Uneven-63 Harvest Group Selection No White Pine White Pine Well Aged Prescription Cut all merchantable fir, spruce and maple. Cut white pine and hemlock only as needed to operate. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Any species. Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 41142069-Cut 11.9 42200 - Natural Sawtimber 64 81-110 Harvest **Group Selection** 4220 - Natural Uneven-No 69 White Pine White Pine Well Aged Prescription Cut all merchantable fir, spruce and maple. Cut white pine and hemlock only as needed to operate Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Any species Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021

S t		Shingleto	n Mgt. Unit		Repo	rt3 ⊺	Freatments		Compartmen Year of Entry		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age		Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Ha
rove	ed Treatme	ents:									
6 Prese Spec	41142006- Monitor cription	52.4	310 - Herbaceous Openland	Nonstock	ed 0	Unspec ified	Monitoring	Artificial Regen(3yr)	42120 - Planted Jack Pine	Even-Aged	
Next	<u>Step</u> tments:										
<u>Acce</u> <u>Rege</u>	e <u>ptable</u> Jack en:	Pine									
<u>Othe</u> Com	<u>r</u> Perc <u>ment:</u>	ent to Treat	= 100%								
<u>Site</u>	<u>Condition</u>										
<u>Prop</u>	osed Start Da	<u>ite:</u> 10/1 /20)21								
24 Prese Spec	41142024- Monitor cription cs:	43.0 3	3302 - Low Density Conifer Trees	Nonstock	ed 0	lmmatu re	Monitoring	Artificial Regen(3yr)	42110 - Planted Red Pine	Even-Aged	
	<u>Step</u> Plan tments:	ting, Replant	t								
<u>Acce</u> Rege	e <u>ptable</u> Red en:	pine.									
<u>Othe</u> <u>Com</u>	<u>r</u> Perc <u>ment:</u>	ent to Treat	= 100%								
Com		ent to Treat	= 100%								
Com Site	<u>ment:</u>										
Com Site	<u>ment:</u> Condition	<u>tte:</u> 10/1 /20		Nonstock	ed 0		SitePrep	Trenching	42120 - Planted Jack Pine	Even-Aged	
Com Site Prop 29	ment: Condition osed Start Da 41142029- Prep cription Tren	<u>ite:</u> 10/1 /20 12.0	020 31022 - Warm Season Grass	Nonstock	ed O		SitePrep	Trenching		Even-Aged	
Com Site O Prop 29 Press Spec Next	ment: Condition osed Start Da 41142029- Prep cription Tren ss:	<u>ite:</u> 10/1 /20 12.0 ch and plant	020 31022 - Warm Season Grass			Regen(3y		-		Even-Aged	
Com Site C Prop 29 Press Spec Next Treat Acce Rege	ment: <u>Condition</u> <u>osed Start Da</u> <u>41142029-</u> <u>Prep</u> <u>cription</u> Tren <u>s:</u> <u>Step</u> Moni <u>tments:</u> <u>sptable</u> Jack <u>en:</u>	<u>ite:</u> 10/1 /20 12.0 ch and plant toring, Artific pine	020 31022 - Warm Season Grass cial Regen(1yr); M			Regen(3y		-		Even-Aged	
Com Site of Prop 29 Press Spec Next Treat Acce Rege Othe Com	ment: <u>Condition</u> <u>osed Start Da</u> <u>41142029-</u> <u>Prep</u> <u>cription</u> Tren <u>s:</u> <u>Step</u> Moni <u>tments:</u> <u>stable</u> Jack <u>en</u> <u>en</u> Perc <u>ment:</u>	t <u>te:</u> 10/1 /20 12.0 ch and plant toring, Artific	020 31022 - Warm Season Grass cial Regen(1yr); M			Regen(3y		-		Even-Aged	
Com Site (Prop 29 Press Spec Next Treat Accee Rege Othe Com	ment: <u>Condition</u> <u>osed Start Da</u> <u>41142029-</u> <u>Prep</u> <u>cription</u> Tren <u>s:</u> <u>Step</u> Moni <u>tments:</u> <u>sptable</u> Jack <u>en:</u> <u>Prec</u>	t <u>e:</u> 10/1 /20 12.0 ch and plant toring, Artific pine ent to Treat	020 31022 - Warm Season Grass cial Regen(1yr); M			Regen(3y		-		Even-Aged	
Com Site (Prop 29 Press Spec Next Treat Accee Rege Othe Com	ment: <u>Condition</u> <u>osed Start Da</u> <u>41142029-</u> <u>Prep</u> <u>cription</u> Tren <u>s:</u> <u>Step</u> Moni <u>tments:</u> <u>sptable</u> Jack <u>en:</u> <u>r</u> Perc <u>ment:</u> <u>Condition</u>	t <u>e:</u> 10/1 /20 12.0 ch and plant toring, Artific pine ent to Treat t <u>te:</u> 10/1 /20	020 31022 - Warm Season Grass cial Regen(1yr); M		Artificial	Regen(3y Immatu re		-		5	
Com Site (Prop 29 Pres: Spec Spec Next Treat Acce Rege Othe Com Site (Prop 45	ment: <u>Condition</u> <u>osed Start Da</u> <u>41142029-</u> <u>Prep</u> <u>cription</u> Tren <u>s:</u> <u>Step</u> Moni <u>tments:</u> <u>steptable</u> Jack <u>ent</u> Perc <u>ment:</u> <u>Condition</u> <u>osed Start Da</u> <u>41142045-</u> <u>Monitor</u> <u>cription</u> 3rd y	tte: 10/1 /20 12.0 ch and plant toring, Artific pine ent to Treat tte: 10/1 /20 20.3	020 31022 - Warm Season Grass cial Regen(1yr); M = 100%	onitoring, A	Artificial	Immatu	r); Planting, Ini	itial Plant	Jack Pine 42110 - Planted	5	
Com Site 1 Prop 29 Press Spec Next Treal Accee Rege Com Site 1 Prop 45 Press Spec Next	ment: <u>Condition</u> <u>osed Start Da</u> <u>41142029-</u> <u>Prep</u> <u>cription</u> Tren <u>s:</u> <u>Step</u> Moni <u>tments:</u> <u>steptable</u> Jack <u>ent</u> Perc <u>ment:</u> <u>Condition</u> <u>osed Start Da</u> <u>41142045-</u> <u>Monitor</u> <u>cription</u> 3rd y	tte: 10/1 /20 12.0 ch and plant toring, Artific pine ent to Treat tte: 10/1 /20 20.3 rear check	020 31022 - Warm Season Grass cial Regen(1yr); M = 100% 019 3102 - Grass	onitoring, A	Artificial	Immatu	r); Planting, Ini	itial Plant	Jack Pine 42110 - Planted	5	
Com Site (Prop 29 Press Spec Acce Rege Othe Com Site (Prop Prop Press Spec Acce Rege Com Site (Prop	ment: <u>Condition</u> <u>osed Start Da</u> <u>41142029-</u> <u>Prep</u> <u>cription</u> Tren <u>s:</u> <u>Step</u> Moni <u>tments:</u> <u>osed Start Da</u> <u>cription</u> Or <u>cription</u> 3rd y <u>s:</u> <u>Step</u> ; ; <u>tments:</u> <u>Step</u> ; ;	tte: 10/1 /20 12.0 ch and plant toring, Artific pine ent to Treat tte: 10/1 /20 20.3 rear check Planting, Re	020 31022 - Warm Season Grass cial Regen(1yr); M = 100% 019 3102 - Grass	onitoring, A	Artificial	Immatu	r); Planting, Ini	itial Plant	Jack Pine 42110 - Planted	5	
Com Site 1 Prop 29 Press Spec Next Treat Accee Com Site 0 Prop 45 Press Spec Next Treat Accee Com	ment: Condition osed Start Da 41142029- Prep cription Tren S: Step Moni tments: Perc ment: Condition osed Start Da 41142045- Monitor cription 3rd y Step ; ; tments: Step ; ;	tte: 10/1 /20 12.0 ch and plant toring, Artific pine ent to Treat tte: 10/1 /20 20.3 rear check Planting, Re	020 31022 - Warm Season Grass cial Regen(1yr); M = 100% 019 3102 - Grass	onitoring, A	Artificial	Immatu	r); Planting, Ini	itial Plant	Jack Pine 42110 - Planted	5	
Com Site (Prop 29 Press Spec Next Treat Accee Rege Othe Com Site (Prop Prop 45 Press Spec Com Site (Prop	ment: Condition osed Start Da 41142029- Prep Cription Tren S: Step Moni tments: Perc ment: Condition osed Start Da 41142045- Monitor Cription 3rd y Step ; ; tments: Red en: Perc	tte: 10/1 /20 12.0 ch and plant toring, Artific pine ent to Treat tte: 10/1 /20 20.3 rear check Planting, Re pine.	020 31022 - Warm Season Grass cial Regen(1yr); M = 100% 019 3102 - Grass	onitoring, A	Artificial	Immatu	r); Planting, Ini	itial Plant	Jack Pine 42110 - Planted	5	

Report 3 -- Treatments

Compartment: 142 Year of Entry: 2022



a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
46	41142046- Spray	79.7	3105 - Mixed Upland Herbaceous	Nonstock	ed		Pesticide	ERROR	42110 - Planted Red Pine	Even-Aged	No
<u>Spec</u> <u>Next</u> <u>Treat</u>	<u>s:</u> Step Plantir <u>ments:</u> ptable Red pi	ıg, Replant	RP, from competitic	on, mostly (Cherry.						
Other Comr	<u>ment:</u>	nt to Treat	= 100%								
	<u>Condition</u> osed Start Date	<u>e:</u> 10/1 /20	019								

Total Treatment 581.9 Acreage Proposed:

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Mario Molin : Examiner

Compartment: 142 Year of Entry: 2022

Availability for Management

Total	Acres	Acres Avail	Acres		Domina	nt Site	e Conditions
Acres	Available	With Condition	Not Available		4A	3J	
223	223	0	0	Herbaceous Openland			
242	242	0	0	Low-Density Trees			
21	21	0	0	Lowland Shrub			
6	6	0	0	Marsh			
320	319	0	1	Northern Hardwood		1	
474	474	0	0	Red Pine			
213	213	0	0	Upland Conifers			
177	177	0	0	Upland Mixed Forest			
131	131	0	0	Upland Shrub			
5	5	0	0	Upland Spruce/Fir			
24	24	0	0	Urban			
40	40	0	0	Water	0	0	
510	502	3	5	White Pine	3	5	
2,385	2,376	3	6	Total Forested Acres	3	6	
	100%	0%	0%	Relative Percent			

*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	e Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Nugent Lake buffer.						
6	Available	4A: No Markets Available for these Forest Products	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

	-	ıleton Mgt. Unit Molin : Examiner		Report 4 – Site Co	nditions	Compartment: 142 Year of Entry: 2022			
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified		
	Comments: Nugent Lake buffer.								



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name SCA Category Detail Type Recommendation Acres

Comments



Year of Entry

Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

Conservation Type Description Area	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
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Report 7 – Stands

Compartment: 142 Year of Entry: 2022



tan	d Level 4 Co	over Type	Si	ize De	ensity	Acres	Stand Age E	A Range	Managed	Site	General Comments
1	42110 - Plar	nted Red F	Pine Sa	wtimb	er We	II 2.3	67	81-110	N/A		2020: Small red pine plantation that somehow was lost/merged into
	Canopy Species	% Cover	Size Class	DBH	I Age						adjacent stand in past.
	Red Pine	100	Log	14	67						
2	429 - Mixed L	Ipland Cor	nifers Po	letimt	oer We	74.1	70	81-110	N/A		2020: Old cutting records show lots of small cuts throughout this and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	adjacent stands, this explains the -hodgepodge- of different/mix of sma patches of stands within the stand. As stand matures it may be possib
	Red Maple	25	Pole/Sap/Log	8		Re	ed Maple	Medium	Variable	Sapling	to delineate out some new stands.
	Beech	5	Pole/Log	12			Beech	Low	Variable	Sapling	White nine was thinned out in 1072 within this stand. Hemlack fir
	Balsam Fir	5	Sapling/Pole	5		Ba	ılsam Fir	High	Variable	Pole	White pine was thinned out in 1973 within this stand. Hemlock, fir, spruce and merchantable hardwoods were harvested in 1974. Large
	White Spruce	10	Pole/Log	8		W	hite Pine	Medium	Variable	Pole	white pine trees are still present with pole sized fir/spruce and hardwood
	White Pine	45	Log/Pole/XLog	14	70	Н	emlock	Low	Variable	Sapling	mixed within it. The understory is thick with regeneration.
	Hemlock	10	Pole/Log	8					·	·	_
3	330 - Low-E	Density Tre	ees N	Vonsto	ocked	3.1			No		
4	42200 - Natu	ral White I	Pine Saw			um 39.3	75	51-80	N/A		This stand is less dense than surrounding stands. There is white pine \neg dominating the overstory with spruce/fir mixed in. Red maple is preserved.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	but not abundant as in neighboring stands.
	Red Maple	10	Pole	8		Re	ed Maple	Low	Variable	Sapling	
	Balsam Fir	5	Pole/Sapling	6		Ba	llsam Fir	Medium	Variable	Sapling	
	Balsam Fir White Spruce	5 5	Pole/Sapling	6 6		Whi	te Spruce	Medium Low	Variable 10 - 20 feet	Sapling Sapling	
			1 0	-	75	Whi Wi	te Spruce hite Pine	Low Medium	10 - 20 feet Variable	Sapling Pole	
	White Spruce	5	Pole/Sapling	6	75	Whi Wi	te Spruce	Low Medium	10 - 20 feet	Sapling	-
5	White Spruce	5 80	Pole/Sapling Log/Pole/XLog	6 14	75 per We	Whi Wi Servicebe	te Spruce hite Pine	Low Medium	10 - 20 feet Variable	Sapling Pole Tall Shruk	2020: Stand was cut heavier than originally prescribed do to inability to
5	White Spruce White Pine	5 80 aple, Coni	Pole/Sapling Log/Pole/XLog	6 14 letimb	_	Whi Servicebe	te Spruce hite Pine erry (Juneberry	Low Medium Low 51-80	10 - 20 feet Variable < 5 feet	Sapling Pole Tall Shrub	2020: Stand was cut heavier than originally prescribed do to inability to
5	White Spruce White Pine 4113 - R.M	5 80 aple, Coni	Pole/Sapling Log/Pole/XLog fer Po	6 14 letimb	ber We	Whi Servicebe II 114.7 Sub-Ca	te Spruce hite Pine erry (Juneberry 73	Low Medium Low 51-80	10 - 20 feet Variable < 5 feet N/A	Sapling Pole Tall Shrub	∠ 2020: Stand was cut heavier than originally prescribed do to inability to ☐ operate as it was marked. There will be lots of density variability in the
5	White Spruce White Pine 4113 - R.M Canopy Species	5 80 aple, Coni % Cover	Pole/Sapling Log/Pole/XLog fer Po Size Class	6 14 letimt	ber We	Whi Servicebe II 114.7 Sub-Ca Re	te Spruce hite Pine erry (Juneberry 73 nopy Species	Low Medium Low 51-80 Density	10 - 20 feet Variable < 5 feet N/A Avg. Height	Sapling Pole Tall Shrub	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017-
5	White Spruce White Pine 4113 - R.M Canopy Species Red Maple	5 80 aple, Coni % Cover 63	Pole/Sapling Log/Pole/XLog fer Po Size Class Pole/Sap/Log	6 14 letimb DBH 8	ber We	Whi Servicebe II 114.7 Sub-Ca Re	te Spruce hite Pine erry (Juneberry 73 nopy Species ed Maple	Low Medium Low 51-80 Density Medium	10 - 20 feet Variable < 5 feet N/A Avg. Height Variable	Sapling Pole Tall Shrut Size Sapling	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017-
5	White Spruce White Pine 4113 - R.M Canopy Species Red Maple Beech	5 80 aple, Coni % Cover 63 10	Pole/Sapling Log/Pole/XLog fer Po Size Class Pole/Sap/Log Log/Pole	6 14 letimt DBH 8 10	ber We	Whi Servicebe	te Spruce hite Pine erry (Juneberry 73 nopy Species ed Maple Beech	Low Medium Low 51-80 Density Medium Low	10 - 20 feet Variable < 5 feet N/A Avg. Height Variable 10 - 20 feet	Sapling Pole Tall Shrut Size Sapling Sapling	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017-
5	White Spruce White Pine 4113 - R.M Canopy Species Red Maple Beech Balsam Fir	5 80 aple, Coni % Cover 63 10 5	Pole/Sapling Log/Pole/XLog fer Po Size Class Pole/Sap/Log Log/Pole Pole/Sapling	6 14 letimk DBH 8 10 8	ber We	Whi Servicebe II 114.7 Sub-Ca Re Ba Wi	te Spruce hite Pine erry (Juneberry 73 nopy Species ed Maple Beech ilsam Fir	Low Medium Low 51-80 Density Medium Low Medium	10 - 20 feet Variable < 5 feet N/A Avg. Height Variable 10 - 20 feet Variable	Sapling Pole Tall Shrut Size Sapling Sapling Sapling	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017- 12-01 TCR: 9/13/16
5	White Spruce White Pine 4113 - R.M Canopy Species Red Maple Beech Balsam Fir White Spruce	5 80 aple, Coni % Cover 63 10 5 5 5	Pole/Sapling Log/Pole/XLog fer Po Size Class Pole/Sap/Log Log/Pole Pole/Sapling Pole/Sapling	6 14 letimt DBH 8 10 8 6	ber We	Whi Servicebe II 114.7 Sub-Ca Re Ba Wi H	te Spruce hite Pine erry (Juneberry 73 nopy Species ed Maple Beech Ilsam Fir hite Pine	Low Medium Low 51-80 Density Medium Low Low	10 - 20 feet Variable < 5 feet N/A Avg. Height Variable 10 - 20 feet Variable Variable	Sapling Pole Tall Shrut Size Sapling Sapling Sapling Sapling	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017- 12-01 TCR: 9/13/16
5	White Spruce White Pine 4113 - R.M Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine	5 80 aple, Coni 63 10 5 5 10	Pole/Sapling Log/Pole/XLog fer Po Size Class Pole/Sap/Log Log/Pole Pole/Sapling Pole/Sapling Log/Pole/XLog	6 14 letimk DBH 8 10 8 6 14	ber We	Whi Servicebe II 114.7 Sub-Ca Re Ba Wi H	te Spruce hite Pine erry (Juneberry 73 nopy Species ed Maple Beech Ilsam Fir hite Pine emlock	Low Medium Low 51-80 Density Medium Low Medium Low Medium	10 - 20 feet Variable < 5 feet N/A Avg. Height Variable 10 - 20 feet Variable Variable Variable	Sapling Pole Tall Shrub Sapling Sapling Sapling Sapling Sapling	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017- 12-01 TCR: 9/13/16
5	White Spruce White Pine 4113 - R.M Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock	5 80 aple, Coni 63 10 5 10 5 2	Pole/Sapling Log/Pole/XLog fer Po Size Class Pole/Sap/Log Log/Pole Pole/Sapling Pole/Sapling Log/Pole/XLog Log/Pole Pole/Sapling	6 14 DBH 8 10 8 6 14 14 10	er We	Whi Servicebe II 114.7 Sub-Ca Re Ba Wi H	te Spruce hite Pine erry (Juneberry 73 nopy Species ed Maple Beech Ilsam Fir hite Pine emlock ck Cherry	Low Medium Low 51-80 Density Medium Low Medium Low Medium	10 - 20 feet Variable < 5 feet N/A Avg. Height Variable 10 - 20 feet Variable Variable Variable 10 - 20 feet 10 - 20 feet	Sapling Pole Tall Shrut Sapling Sapling Sapling Sapling Sapling Sapling	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017- 12-01 TCR: 9/13/16
	White Spruce White Pine 4113 - R.M Canopy Species Red Maple Beech Balsam Fir White Spruce White Spruce White Pine Hemlock Black Cherry	5 80 aple, Coni 63 10 5 10 5 2	Pole/Sapling Log/Pole/XLog fer Po Size Class Pole/Sap/Log Log/Pole Pole/Sapling Pole/Sapling Log/Pole/XLog Log/Pole Pole/Sapling	6 14 DBH 8 10 8 6 10 8 6 14 10 6	er We	Whi Servicebe II 114.7 Sub-Ca Re Ba Wi H Bla	te Spruce hite Pine erry (Juneberry 73 nopy Species ed Maple Beech Ilsam Fir hite Pine lemlock ck Cherry	Low Medium Low Density Medium Low Medium Low Medium	10 - 20 feet Variable < 5 feet N/A Avg. Height Variable 10 - 20 feet Variable Variable 10 - 20 feet	Sapling Pole Tall Shrut Sapling Sapling Sapling Sapling Sapling Sapling	2020: Stand was cut heavier than originally prescribed do to inability to operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.Mix up Mix 41-017- 12-01 TCR: 9/13/16

Report 7 – Stands



	5	igietoii w	gi. onit								Year of Entry: 2022
Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
7	622 - Lov	wland Shru	ıb	Nonsto	ocked	17.2	0 L	Jnspecified	613 - Lowland M	ixed Forest	
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Northern	n White Cedar	Low	>20 feet	Pole	
						W	hite Pine	Low	>20 feet	Log	
8	42340 - Upl	and Spruc	e/Fir	Sapling	g Well	5.0	39	111-140	N/A		This stand contains large white pine in the overstory with a medium size
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spruce/fir component.
	Red Maple	3	Sapling/Pole	5		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Balsam Fir	35	Sapling/Pole	4			Beech	Low	5 - 10 feet	Sapling	
	White Spruce	35	Sapling/Pole	4	39	Ba	alsam Fir	Medium	Variable	Sapling	
	White Pine	25	Log/Pole/XLog	14		Whi	ite Spruce	Medium	< 5 feet	Sapling	
	Hemlock	2	Pole/Log	10		W	hite Pine	Low	Variable	Sapling	
						Н	lemlock	Low	Variable	Sapling	
9	42200 - Nati	ural White	Pine P	oletimb	er Well	15.7	70	1-50	N/A		Appears to be an old opening that grew in. It isn't very dense, but will
	Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	continue to grow in. It is mostly mixed conifer with sapling size hardwoods.
	Red Maple	5	Pole/Sapling	8		W	hite Pine	High	Variable	Pole	
	White Spruce	2	Pole	6		Bla	ck Cherry	Low	10 - 20 feet	Sapling	
	White Pine	93	Pole/Sap/Log	8	70	Blackbe	erry/Raspberry	Low	< 5 feet	Tall Shrub	
				·		Servicebe	erry (Juneberry) Low	10 - 20 feet	Tall Shrub	
10	4319 - Mixeo	d Upland F	orest P	oletimb	er Well	97.4	123	81-110	N/A		2020: Stand is all aged conifer with even aged hardwood underneath.
	Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Appears to have a management objective of natural white pine hemlocl
	Red Maple	30	Sapling	4	26	Re	ed Maple	Medium	Variable	Sapling	This stand was cut in 1994. All hardwoods were removed except some
	Yellow Birch	2	Pole/Sap/Log	6			Beech	Medium	5 - 10 feet	Sapling	large beech. Spruce and hemlock were left too. Regeneration is a flus of red maple, beech, and mixed conifer regeneration.
	Beech	10	Pole/Sap/Log	6		Ba	alsam Fir	Medium	5 - 10 feet	Pole	
	Balsam Fir	8	Sapling/Pole	5		Н	lemlock	Medium	10 - 20 feet	Sapling	
	White Pine	30	Log/Pole/XLog	14	123						
	Hemlock	20	Log/Pole	14							
11	3303 - Mixed L	ow Densit	y Trees	Nonsto	ocked	5.6			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Re	ed Maple	Low		Sapling	

Low

Medium

Low

Low

Trace

Low

Serviceberry (Juneberry)

White Pine

Aspen (spp.)

Red Pine

Jack Pine

Black Cherry

Tall Shrub

Sapling Sapling

Pole

Pole

Tall Shrub

Report 7 – Stands



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	MICHIGAN .
12	3303 - Mixed L	ow Density	Trees	Nonsto	ocked	7.8			No			
					Γ	Sub-Can	opy Species	Density	Avg. Height	Size		
						Rec	l Maple	Low		Sapling		
						Serviceber	ry (Juneberry)	Low		Tall Shrub		
						Whi	ite Pine	Medium		Sapling		
						Aspe	en (spp.)	Low		Sapling		
						Re	d Pine	Low		Pole		
						Jac	k Pine	Trace		Pole		
						Blac	k Cherry	Low		Tall Shrub		
13	3302 - Low Der	nsity Conife	r Trees	Nonsto	ocked	3.7			No		Frost pocket that appears to be filling in with mixed conifer.	
					Γ	Sub-Can	opy Species	Density	Avg. Height	Size		
						Black	< Spruce	Low		Pole		
						Jac	k Pine	Medium		Pole		
						White	e Spruce	Low		Pole		
						Whi	ite Pine	Low		Pole		
						Re	d Pine	Medium		Pole		
14	122 - Road	d/Parking L	ot	Nonsto	ocked	10.3			No			
15	330 - Low-	Density Tre	es	Nonsto	ocked	5.5			No			
						Sub-Can	opy Species	Density	Avg. Height	Size		
						Whi	ite Pine	Low	Variable	Sapling		
16	42110 - Pla	nted Red P	Pine	Sawtimb	er Well	29.0	66	111-140	N/A		TCR: 41-035-12, sale now closed (8/10/16)	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Red Maple	10	Pole	5		Rec	d Maple	Low	Variable	Sapling		
	White Pine	2	Log	14		Bals	sam Fir	Low	< 5 feet	Sapling		
	Red Pine	88	Log	14	66	Whi	ite Pine	Medium	Variable	Pole		
	330 - Low-	Density Tre	es	Nonsto	ocked	2.1			No			
17					Γ	Sub-Can	opy Species	Density	Avg. Height	Size		
17							opy openeo					
17							ite Pine	Low	Variable	Pole		

Report 7 – Stands



DNR

Stand	<i>.</i>			Size Density				Managed Site		General Comments
18	429 - Mixed U	•			er Wel		81-110	N/A		2002: The northern half was possibly a shelterwood cut in 1981. All fir $_{\rm l}$ was cut, along with thinned white pine and hardwood species in the
	Canopy Species		Size Class		I Age	Sub-Canopy Spec		Avg. Height	Size	1980's. White pine is in the overstory with pole size red maple, fir, and
	Red Maple	30	Pole/Sapling	8		Red Maple	Medium	Variable	Sapling	beech. A flush of mixed conifer regeneration is present in the
	Beech	2	Pole/Sapling	8		Beech	Medium	Variable	Sapling	understory.
	Balsam Fir	30	Sapling/Pole	5		Balsam Fir	High	Variable	Sapling	-
	White Spruce	2	Sapling/Pole	3		White Pine	Low	Variable	Sapling	-
	White Pine	36	Log/Pole/XLog	14	70	Hemlock	High	Variable	Sapling	
19	42200 - Natu	ural White I	^D ine Sa	wtimb	er Wel	41.0 76	51-80	N/A		2020: If continuing to manage for white pine, understory (maple, spruce $_{\rm l}$ and fir) can be removed in 20 years.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	and in) can be removed in 20 years.
	Balsam Fir	5	Sapling/Pole	4		Red Maple	Low	Variable	Sapling	2010: This stand contains large white pine in the supercanopy with
	Black Spruce	5	Sapling/Pole	3		Balsam Fir	Low	< 5 feet	Sapling	variable sized trees in the subcanopy consisting mainly of white pine,
	White Pine	65	Log	10	76	Black Spruce	Low	Variable	Sapling	spruce, and fir.
	Red Pine	5	Log/Pole	10		White Pine	Medium	Variable	Pole	
	Hemlock	20	Log	10		Black Cherry	Low	Variable	Sapling	
						Serviceberry (Junebe	rry) Low	10 - 20 feet	Tall Shrub	
						Hemlock	Low	Variable	Sapling	
						Tiernieek	LOW	Vallable	eaping	
20	42110 - Pla	nted Red P	Pine Sa	wtimb	er Wel		111-140	N/A	Caping	2010: This appears to be a poorly stocked red pine plantation that varies
20	42110 - Pla Canopy Species		Pine Sa		er Wel I Age		111-140		Size	2010: This appears to be a poorly stocked red pine plantation that varies in basal area.
20						205.4 65	111-140	N/A	1 0	
20	Canopy Species	% Cover	Size Class	DBH		205.4 65 Sub-Canopy Spec	111-140 ies Density	N/A Avg. Height	Size	
20	Canopy Species White Pine	% Cover 2	Size Class Log/Pole	DBH 10	I Age	205.4 65 Sub-Canopy Spect Red Maple	111-140 Low Low	N/A Avg. Height < 5 feet	Size Sapling	
20	Canopy Species White Pine Red Pine	% Cover 2 96 2	Size Class Log/Pole Log Pole	DBH 10 12 8	I Age	205.4 65 Sub-Canopy Speci Red Maple White Pine Serviceberry (Junebe	111-140 Low Low	N/A Avg. Height < 5 feet 5 - 10 feet	Size Sapling Sapling	
	Canopy Species White Pine Red Pine Jack Pine	% Cover 2 96 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 2 3 3 4 4 4 4<	Size Class Log/Pole Log Pole	DBH 10 12 8	65	205.4 65 Sub-Canopy Speci Red Maple White Pine Serviceberry (Junebe	111-140 ies Density Low Low rry) Low 111-140 111-140	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling	in basal area.
	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan	% Cover 2 96 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 2 3 3 4 4 4 4<	Size Class Log/Pole Log Pole	DBH 10 12 8	65 er Wel	205.465Sub-Canopy SpectRed MapleWhite PineServiceberry (Juneber39.666	111-140 ies Density Low Low rry) Low 111-140 111-140	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A	Size Sapling Sapling Sapling	in basal area.
	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan Canopy Species	% Cover 2 96 2 nted Red F % Cover	Size Class Log/Pole Log Pole Pine Sa Size Class	DBH 10 12 8 wtimb DBH	65 er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect	111-140 ies Density Low trry) Low 111-140 ies Density	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size Sapling Sapling Sapling Size	in basal area.
	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan Canopy Species Black Spruce	% Cover 2 96 2 nted Red F % Cover 2	Size Class Log/Pole Pole Pine Sa Size Class Pole/Sapling	DBH 10 12 8 wtimbt DBH 5	65 er Wel	205.4 65 Sub-Canopy Speci Red Maple White Pine Serviceberry (Junebe 39.6 66 Sub-Canopy Speci Balsam Fir	111-140 les Density Low Low rrry) Low 111-140 les Density Low Low	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet	Size Sapling Sapling Sapling Size Sapling	in basal area.
	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan 42110 - Plan Black Spruce White Pine	% Cover 2 96 2 nted Red P % Cover 2 2 2 2 2 2 2 2 2	Size Class Log/Pole Pole Size Class Pole/Sapling Log	DBH 10 12 8 wtimb DBH 5 14	65 er Wel	205.4 65 Sub-Canopy Speci Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Speci Balsam Fir Black Spruce	111-140 ies Density Low Low rry) Low 111-140 ies Density Low Low Low Low	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling Sapling Sapling Size Sapling Sapling	in basal area.
	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan 42110 - Plan Black Spruce White Pine	% Cover 2 96 2 nted Red P % Cover 2 2 2 2 2 2 2 2 2	Size Class Log/Pole Pole Size Class Pole/Sapling Log	DBH 10 12 8 wtimb DBH 5 14	65 er Wel	205.4 65 Sub-Canopy Speci Red Maple White Pine Serviceberry (Junebe 39.6 66 Sub-Canopy Speci Balsam Fir Black Spruce White Pine	111-140 ies Density Low Low rry) Low 111-140 ies Density Low Low ies Density Low Low ies Density Low Low Low Low	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	in basal area.
	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan 42110 - Plan Black Spruce White Pine	% Cover 2 96 2 nted Red F % Cover 2 96 97 98 99 2 99 2 96 96	Size Class Log/Pole Pole Size Class Pole/Sapling Log Log	DBH 10 12 8 wtimb 5 14 12	65 er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect Balsam Fir Black Spruce White Pine Red Pine Serviceberry (Juneber	111-140 ies Density Low Low rry) Low 111-140 ies Density Low Low ies Density Low Low ies Density Low Low Low Low	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling	TCR: 41-035-12, sale now closed (8/10/16)
21	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan Canopy Species Black Spruce White Pine Red Pine	% Cover 2 96 2 nted Red F % Cover 2 96 2 96	Size Class Log/Pole Pole Size Class Pole/Sapling Log Log	DBH 10 12 8 wtimb 5 14 12	er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect Balsam Fir Black Spruce White Pine Red Pine Serviceberry (Juneber	111-140 ies Density Low Low rrry) Low 111-140 Low ies Density Low Low ies Density Low Low ies Density Low Low Low Low Low Low Low Low Low Low	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet	Size Sapling Sapling Sapling Size Sapling Sapling Sapling Sapling	TCR: 41-035-12, sale now closed (8/10/16) 2020: Stand is essentially 2-3 aged (can not enter in canopy because of size class limitations) White pine and hemlock in the super story with
21	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan 42110 - Plan Canopy Species Black Spruce White Pine Red Pine 4319 - Mixed	% Cover 2 96 2 nted Red F % Cover 2 96 10 96 10 96 96	Size Class Log/Pole Log Pole Size Class Pole/Sapling Log Log Drest Sa	DBH 10 12 8 DBH 5 14 12	er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect Balsam Fir Black Spruce White Pine Red Pine Serviceberry (Juneber 75.2 66	111-140 ies Density Low Low rrry) Low 111-140 Low ies Density Low Low ies Density Low Low ies Density Low Low Low Low Low Low Low Low Low Low	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	TCR: 41-035-12, sale now closed (8/10/16) 2020: Stand is essentially 2-3 aged (can not enter in canopy because of size class limitations) White pine and hemlock in the super story with mainly maple in the overstory then a mix of maple and conifer in the co-
21	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan 42110 - Plan Canopy Species White Pine Red Pine 4319 - Mixed Canopy Species	% Cover 2 96 2 nted Red F % Cover 2 96 10 96 10 96 96	Size Class Log/Pole Log Pole Size Class Pole/Sapling Log Log Drest Sa	DBH 10 12 8 DBH 5 14 12	er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Junebe 39.6 66 Sub-Canopy Spect Balsam Fir Black Spruce White Pine Red Pine Serviceberry (Junebe 75.2 66 Sub-Canopy Spect	111-140 ies Density Low Trry) Low 111-140 ies Density Low Low 111-140 ies Density	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	TCR: 41-035-12, sale now closed (8/10/16) 2020: Stand is essentially 2-3 aged (can not enter in canopy because of size class limitations) White pine and hemlock in the super story with mainly maple in the overstory then a mix of maple and conifer in the co- canopy and then a maple/beech understory.
21	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan 42110 - Plan Canopy Species Black Spruce White Pine Red Pine 4319 - Mixed Sugar Maple	% Cover 2 96 2 nted Red F % Cover 2 96 2 96 2 96 1 Upland Fc % Cover 2 2 2 96	Size Class Log/Pole Pole Pole Size Class Pole/Sapling Log Log Size Class Size Class	DBH 10 12 8 DBH 12 8	er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect Black Spruce White Pine Serviceberry (Juneber Serviceberry Spect Serviceberry (Juneber 75.2 66 Sub-Canopy Spect Bub-Canopy Spect Beech	111-140 ies Density Low Low rrry) Low 111-140 ies Density Low Low Medium Low I11-140 ies Density Low I11-140	N/A Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	TCR: 41-035-12, sale now closed (8/10/16) 2020: Stand is essentially 2-3 aged (can not enter in canopy because of size class limitations) White pine and hemlock in the super story with mainly maple in the overstory then a mix of maple and conifer in the co- canopy and then a maple/beech understory. 2002: This stand was thinned in the 1960's and 1970's, and then again
21	Canopy Species White Pine Red Pine Jack Pine 42110 - Plan Canopy Species Black Spruce White Pine Red Pine 4319 - Mixed Sugar Maple Red Maple	% Cover 2 96 2 nted Red F % Cover 2 96 4 96 8 30 8	Size Class Log/Pole Pole Pole Size Class Pole/Sapling Log Log Size Class Size Class Pole/Sap/Log Pole/Sap/Log Pole/Log	DBH 10 12 8 DBH 5 14 12	er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect Black Spruce White Pine Serviceberry (Juneber Pine Serviceberry (Juneber 75.2 66 Sub-Canopy Spect Beech Balsam Fir	111-140 ies Density Low I11-140 ies Density I11-140 ies Density Low I11-140 ies Density Low I11-140 ies Density I11-140 II10 II10 <td< td=""><td>N/A Avg. Height < 5 feet</td> 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet Variable Variable Variable</td<>	N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	in basal area. TCR: 41-035-12, sale now closed (8/10/16) 2020: Stand is essentially 2-3 aged (can not enter in canopy because of size class limitations) White pine and hemlock in the super story with mainly maple in the overstory then a mix of maple and conifer in the co-canopy and then a maple/beech understory. 2020: This stand was thinned in the 1960's and 1970's, and then again in 1996. This stand consists of mixed hardwoods and conifer trees. Reference of the stand consists of mixed hardwoods and conifer trees.
21	Canopy Species White Pine Red Pine Jack Pine 42110 - Plat Canopy Species Black Spruce White Pine Red Pine 4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch	% Cover 2 96 2 96 2 nted Red F % Cover 96 96 2 96 96 96 96 96 96 96 96 4 Upland For 2 30	Size Class Log/Pole Log Pole Class Pole/Sapling Class Size Class Size Class Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log Pole/Log Log Log	DBH 10 12 8 DBH 8	er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect Balsam Fir Black Spruce White Pine Serviceberry (Juneber 75.2 66 Sub-Canopy Spect Balsam Fir Balsam Fir White Pine Serviceberry (Juneber 75.2 66 Sub-Canopy Spect Balsam Fir White Pine	111-140 ies Density Low Trry) Low 111-140 ies Density Low Low Low 111-140 ies Density Low Ithrow Low Low Low Ithrow Ithrow Medium Ithrow Ithrow Ithrow Ithrow Ithrow Ithrow Ithrow	N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	in basal area. TCR: 41-035-12, sale now closed (8/10/16) 2020: Stand is essentially 2-3 aged (can not enter in canopy because class limitations) White pine and hemlock in the super story with mainly maple in the overstory then a mix of maple and conifer in the co-canopy and then a maple/beech understory. 2020: This stand was thinned in the 1960's and 1970's, and then again in 1996. This stand consists of mixed hardwoods and conifer trees. Reamaple is the majority of the hardwood species with a lot of beech regeneration underneath. The majority of the beech has Beech Bark
21	Canopy Species White Pine Red Pine Jack Pine 42110 - Pla Canopy Species Black Spruce White Pine Red Pine 4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech	% Cover 2 96 2 nted Red F % Cover 2 96 4 96 8 12	Size Class Log/Pole Pole Pole Size Class Pole/Sapling Log Log Size Class Size Class Pole/Sap/Log Pole/Sap/Log Pole/Log	DBH 10 12 8 12 8 8 8 8 10	er Wel	205.4 65 Sub-Canopy Spect Red Maple White Pine Serviceberry (Juneber 39.6 66 Sub-Canopy Spect Balsam Fir Black Spruce White Pine Serviceberry (Juneber 75.2 66 Sub-Canopy Spect Balsam Fir Balsam Fir White Pine Serviceberry (Juneber 75.2 66 Sub-Canopy Spect Balsam Fir White Pine	111-140 ies Density Low I11-140 ies Density I11-140 ies Density Low I11-140 ies Density Low I11-140 ies Density I11-140 II10 II10 <td< td=""><td>N/A Avg. Height < 5 feet</td> 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable</td<>	N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	in basal area. TCR: 41-035-12, sale now closed (8/10/16) 2020: Stand is essentially 2-3 aged (can not enter in canopy because of size class limitations) White pine and hemlock in the super story with mainly maple in the overstory then a mix of maple and conifer in the co-canopy and then a maple/beech understory. 2020: This stand was thinned in the 1960's and 1970's, and then again in 1996. This stand consists of mixed hardwoods and conifer trees. Rec maple is the majority of the hardwood species with a lot of beech

Report 7 – Stands

Compartment: 142 Year of Entry: 2022

DNR CR

Stand	Level 4 Cover Type		Size Dens	sity	Acres	Stand Age	BA Range	Managed	Site	General Comments
23	330 - Low-Density Tre	es	Nonstoc	ked	12.0			No		
				[Sub-Ca	nopy Species	Density	Avg. Height	Size	
					Wh	ite Pine	Low	Variable	Pole	
					Ja	ck Pine	Low	Variable	Pole	
24	3302 - Low Density Conifer	Trees	Nonstock	ked	43.1	0	Immature	4211 - Planteo	Red Pine	This stand contains planted red pine with underplanted red pine below.
					Sub-Ca	nopy Species	Density	Avg. Height	Size	The overstory red pine is left from a shelterwood/seed tree harvest in 2002.
					Re	ed Pine	Full	< 5 feet	Seeding	Stand was 1/2 trenched in summer of 2012 and planted in spring of 2013 by Superior forestry Planted aprox 477 T/A cost of 2665.00 Regen check 2016: 86 T/A needs to be replanted. Only planted trenched 1/2 spring 2017. Planted spring 2018 to RP. 1st year check done fall 2018, passed 675 TPA
25	3103 - Rubus-Fern		Nonstock	ked	6.6			No		2010: Frost pocket, little vegetation besides, moss, fern, and few
					Sub-Ca	nopy Species	Density	Avg. Height	Size	grass/sedge.
					Wh	ite Pine	Trace		Pole	
					Re	ed Pine	Trace		Pole	
					Blac	k Cherry	Trace		Tall Shrub	
26	42110 - Planted Red P	ine	Sawtimber	Well	18.7	66	111-140	N/A		A red pine plantation with varying densities, which has been underplanted in portions. Basal area is slightly lower than neighboring pine stands.
		Size Class	DBH A	\ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	in portions. Dasar area is signity lower than neighboring pine stands.
	White Pine 2	Log	12		Wh	ite Pine	Low	Variable	Sapling	
	Red Pine 98	Log	12	66		ed Pine	Medium	< 5 feet	Sapling	
						k Cherry	Low	10 - 20 feet	Sapling	
					Servicebe	rry (Juneberry	r) Low	10 - 20 feet	Tall Shrub	
27	42110 - Planted Red P	ine	Sapling F	oor	35.5	14	Immature	N/A		Red pine regen. scattered throughout stand with some areas being more dense than others. RM poles and saplings are scattered throught the
	Canopy Species % Cover	Size Class	DBH A	\ge	Sub-Ca	nopy Species	Density	Avg. Height	Size	sale as well as white pine, spruce, service berry, and cherry.
	Red Pine 100	Sapling/Pole	e 3	14	Blac	k Cherry	Low	5 - 10 feet	Tall Shrub	
					Re	d Maple	Low	5 - 10 feet	Sapling	
						rry (Juneberry	y) Medium	5 - 10 feet	Tall Shrub	
					Wh	iite Pine	Low	5 - 10 feet	Pole	
28	330 - Low-Density Tre	es	Nonstock	ked	9.5			No		
						nopy Species	Density	Avg. Height	Size	
						ite Pine	Low	Variable	Pole	
					Ja	ck Pine	Low	Variable	Pole	
29	31022 - Warm Season G	irass	Nonstoc	ked	12.0	0		4222 - Natural	Jack Pine	TCR: 41-035-12, sale now closed (8/10/16)
				[Sub-Ca	nopy Species	Density	Avg. Height	Size	SCafiied summer 2016 by DNR staff. failed regen check in fall 2019. stand needs to trenched and planted.
					Ja	ck Pine	Trace	< 5 feet	Sapling	

Report 7 – Stands



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tand	Level 4 C	over Type	ł	Size Densi	ty Acr	es Stand Ag	je BA Range	Managed S	Site	General Comments
30	42110 - Plan Canopy Species Red Pine		Pine r Size Class Log	Sawtimber V DBH Ag 14 6	ge	5 67	81-110	N/A		
31	122 - Road	d/Parking L	_ot	Nonstocke	ed 1.5	5		No		
32	3302 - Low Den	sity Conife	er Trees	Nonstocke	ed 122	.0		No		2010: Two rows of J. Pine were planted along edge of Adams Trail
					Sub	-Canopy Spe	cies Density	Avg. Height	Size	between Stands 44 and 56 to block the wind. Saplings are less than 3 feet
						White Pine	Low		Pole	
						Red Pine	Low		Sapling	
						Red Maple	Trace		Sapling	
					1	White Spruce	Low		Pole	
						Black Cherry	Medium		Tall Shrub	
						Jack Pine	Low		Sapling	
33	42110 - Pla	nted Red F	Pine	Sapling W	ell 8.2	2 17	Immature	N/A	1	Originally typed as grass, this stand now has trees filling in. It was
	Canopy Species	% Cove	r Size Class	DBH A	ge Sub	-Canopy Spe	cies Density	Avg. Height	Size	underplanted with red pine and there is large mature red pine in the supercanopy.
	Black Spruce	2	Pole	6	-	White Pine	Medium	Variable	Sapling	supercampy.
	White Pine	6	Log/Pole	10		Red Pine	High	Variable	Sapling	
	Red Pine	90	Sapling	3 1	7	Jack Pine	Low	< 5 feet	Sapling	
	Jack Pine	2	Pole	6	Servio	eberry (Juneb	erry) Low	10 - 20 feet	Tall Shrub	
34	42110 - Plai			Sawtimber V		7 66	111-140	N/A		2010: This stand is planted red pine that is currently self-pruning. The
	Canopy Species		r Size Class		ge Sub	-Canopy Spe	cies Density	Avg. Height	Size	
	White Pine	2	Log	14		White Pine	Low	Variable	Sapling	
	Red Pine	98	Log	12 6	-	Red Pine	Low	< 5 feet	Sapling	
						Black Cherry	Low	10 - 20 feet	Sapling	
					Servio	eberry (Juneb	erry) Low	10 - 20 feet	Sapling	
35	122 - Road	d/Parking L	_ot	Nonstocke	ed 3. ⁻	7		No		
36	3102	- Grass		Nonstocke	_		Immature	4222 - Natural	-	Stand cut as Red Baron Pine, Scarified summer of 2014. Natural rege check 5/8/2018. 680 TPA.
					Sub	-Canopy Spe	•	Avg. Height	Size	
						Jack Pine	Full	< 5 feet	Seeding	

Report 7 – Stands



TE DNR

Stand	,			Size Density		Acres Stand Age E			Managed Site		General Comments
38	4113 - R.M	laple, Coni	fer Po	etimb	er Well	31.3	70	81-110	N/A		2010: A hardwood stand containing a lot of red maple in the pole size
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	class. Regeneration is mostly red maple and beech with a mix of conif species. Supercanopy white pine trees are scattered throughout the
	Sugar Maple	2	Pole/Log	8		Red	d Maple	Medium	10 - 20 feet	Sapling	stand with pockets of spruce/fir. Last cut in 1995.
	Red Maple	61	Pole/Log	8	70	В	Beech	High	10 - 20 feet	Sapling	
	Yellow Birch	2	Pole/Log	8		Bal	sam Fir	Medium	5 - 10 feet	Sapling	
	Beech	10	Pole/Sapling	6		Wh	iite Pine	Low	Variable	Sapling	
	Balsam Fir	5	Sapling/Pole	3		He	emlock	Medium	Variable	Sapling	
	White Spruce	5	Sapling/Pole	4							-
	White Pine	5	Log/Pole/XLog	14							
	Hemlock	10	Pole/Log	8							
39	330 - Low-I	Density Tre	ees N	lonsto	cked	7.4			No		
						Sub-Car	nopy Species	Density	Avg. Height	Size	
						Sco	tch Pine	Trace		Sapling	
						Re	ed Pine	Low		Sapling	
						Tai	marack	Trace		Sapling	
40	42110 - Pla	nted Red F	Pine Sa	wtimb	er Well	Tai 10.9		Trace 111-140	N/A	Sapling	Initially a poorly stocked plantation. Majority of trees are pushing 18
40	42110 - Pla Canopy Species		Pine Sa r Size Class		er Well Age	10.9			N/A Avg. Height	Size	Initially a poorly stocked plantation. Majority of trees are pushing 18 inches,.
40						10.9 Sub-Car	66	111-140		1 0	
40	Canopy Species	% Cover	Size Class	DBH		10.9 Sub-Car Bal	66 nopy Species	111-140 Density	Avg. Height	Size	
40	Canopy Species Red Maple	% Cover	Size Class Pole/Sapling	DBH 6		10.9 Sub-Car Bal Wh Re	66 mopy Species sam Fir ite Pine ed Pine	111-140 Density Low	Avg. Height 5 - 10 feet Variable < 5 feet	Size Sapling Sapling Sapling	inches,.
40	Canopy Species Red Maple White Pine	% Cover 2 4	Size Class Pole/Sapling Log/Pole/XLog	DBH 6 14	Age	10.9 Sub-Car Bal Wh Re	66 • • • • • • • • • • • • • • • • • •	111-140 Density Low Medium	Avg. Height 5 - 10 feet Variable	Size Sapling Sapling	inches,.
40	Canopy Species Red Maple White Pine	% Cover 2 4	Size Class Pole/Sapling Log/Pole/XLog	DBH 6 14	Age	10.9 Sub-Car Bal Wh Re Blac	66 mopy Species sam Fir ite Pine ed Pine	111-140 Density Low Medium Low	Avg. Height 5 - 10 feet Variable < 5 feet	Size Sapling Sapling Sapling	inches,.
40	Canopy Species Red Maple White Pine	% Cover 2 4 94	Size Class Pole/Sapling Log/Pole/XLog XLog/Log	DBH 6 14 18	Age	10.9 Sub-Car Bal Wh Re Blac	66 nopy Species Isam Fir ite Pine ed Pine ek Cherry rry (Juneberry)	111-140 Density Low Medium Low Low	Avg. Height 5 - 10 feet Variable < 5 feet 10 - 20 feet	Size Sapling Sapling Sapling Tall Shrub	This stand is similar to stand 38. It contains a lot of beech regeneratio
	Canopy Species Red Maple White Pine Red Pine	% Cover 2 4 94	Size Class Pole/Sapling Log/Pole/XLog XLog/Log	DBH 6 14 18	Age 66	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2	66 nopy Species Isam Fir ite Pine ed Pine ed Pine ek Cherry rry (Juneberry)	111-140 Density Low Medium Low Low Low	Avg. Height 5 - 10 feet Variable < 5 feet	Size Sapling Sapling Sapling Tall Shrub	inches,
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed No	% Cover 2 4 94	Size Class Pole/Sapling Log/Pole/XLog XLog/Log	DBH 6 14 18	Age 66 er Well	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 Sub-Car	66 nopy Species Isam Fir ite Pine ed Pine k Cherry rry (Juneberry) 70	111-140 Density Low Medium Low Low 81-110 Density Medium	Avg. Height 5 - 10 feet Variable < 5 feet	Size Sapling Sapling Sapling Tall Shrub	This stand is similar to stand 38. It contains a lot of beech regeneration
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed No Canopy Species	% Cover 2 4 94	Size Class Pole/Sapling Log/Pole/XLog XLog/Log rdwoods Pole Size Class	DBH 6 14 18 letimb DBH	Age 66 er Well	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 Sub-Car Rec	66 nopy Species Isam Fir hite Pine ed Pine ed Pine ed Pine k Cherry rry (Juneberry) 70 nopy Species	111-140 Density Low Medium Low Low Low 81-110 Density	Avg. Height 5 - 10 feet Variable < 5 feet	Size Sapling Sapling Sapling Tall Shrub Tall Shrub	This stand is similar to stand 38. It contains a lot of beech regeneratio
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed No Canopy Species Sugar Maple	% Cover 2 4 94	Size Class Pole/Sapling Log/Pole/XLog XLog/Log dwoods Po Size Class Pole/Log Pole/Log Pole/Log	DBH 6 14 18 etimb DBH 8	Age 66 er Well Age	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 16.2 Sub-Car Rec Blac	66 nopy Species Isam Fir lite Pine ed Pine ed Pine ek Cherry rry (Juneberry) 70 nopy Species d Maple	111-140 Density Low Medium Low Low 81-110 Density Medium	Avg. Height 5 - 10 feet Variable < 5 feet	Size Sapling Sapling Tall Shrub Tall Shrub Size Sapling Sapling Sapling	This stand is similar to stand 38. It contains a lot of beech regeneratio
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed Not Canopy Species Sugar Maple Red Maple	% Cover 2 4 94	Size Class Pole/Sapling Log/Pole/XLog XLog/Log dwoods Pole Size Class Pole/Log Pole/Log	DBH 6 14 18 etimb DBH 8 8	Age 66 er Well Age	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 Sub-Car Rec Bal	66 hopy Species Isam Fir ite Pine ed Pine ed Pine ek Cherry rry (Juneberry) 70 hopy Species d Maple Beech	111-140 Density Low Medium Low Low Low 81-110 Density Medium High	Avg. Height 5 - 10 feet Variable < 5 feet	Size Sapling Sapling Sapling Tall Shrut Tall Shrut Size Sapling Sapling	This stand is similar to stand 38. It contains a lot of beech regeneratio
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed Not Canopy Species Sugar Maple Red Maple Yellow Birch	% Cover 2 4 94 orthern Har % Cover 7 45 4	Size Class Pole/Sapling Log/Pole/XLog XLog/Log dwoods Po Size Class Pole/Log Pole/Log Pole/Log	DBH 6 14 18 letimb DBH 8 8 8 8 8 8	Age 66 er Well Age	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 Sub-Car Rec Bal Gal Wh	66 hopy Species Isam Fir hite Pine ed Pine ed Pine k Cherry rry (Juneberry) 70 70 hopy Species d Maple Beech Isam Fir	111-140 Density Low Medium Low Low Low 81-110 Density Medium High Medium	Avg. Height 5 - 10 feet Variable < 5 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Tall Shrub Tall Shrub Size Sapling Sapling Sapling	This stand is similar to stand 38. It contains a lot of beech regeneratio
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed No Canopy Species Sugar Maple Red Maple Yellow Birch Beech	% Cover 2 4 94	r Size Class Pole/Sapling Log/Pole/XLog XLog/Log rdwoods Pole r Size Class Pole/Log Pole/Log Pole/Log Pole/Sap/Log	DBH 6 14 18 etimb BH 8 8 8 8 8 6	Age 66 er Well Age	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 Sub-Car Rec Bal Gal Wh	66 hopy Species Isam Fir hite Pine ed Pine ed Pine k Cherry rry (Juneberry) 70 70 hopy Species d Maple Beech Isam Fir hite Pine	111-140 Density Low Medium Low Low Low 81-110 Density Medium High High Medium	Avg. Height 5 - 10 feet Variable < 5 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet 5 - 10 feet Variable	Size Sapling Sapling Sapling Tall Shrut Tall Shrut Size Sapling Sapling Sapling Sapling	This stand is similar to stand 38. It contains a lot of beech regeneration
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed Not Canopy Species Sugar Maple Red Maple Yellow Birch Beech Balsam Fir	% Cover 2 4 94	r Size Class Pole/Sapling Log/Pole/XLog XLog/Log rdwoods Pole Size Class Pole/Log Pole/Log Pole/Log Pole/Log Pole/Sap/Log Sapling/Pole	DBH 6 14 18 etimb BH 8 8 8 6 3	Age 66 er Well Age	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 Sub-Car Rec Bal Gal Wh	66 hopy Species Isam Fir hite Pine ed Pine ed Pine k Cherry rry (Juneberry) 70 70 hopy Species d Maple Beech Isam Fir hite Pine	111-140 Density Low Medium Low Low Low 81-110 Density Medium High High Medium	Avg. Height 5 - 10 feet Variable < 5 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet 5 - 10 feet Variable	Size Sapling Sapling Sapling Tall Shrut Tall Shrut Size Sapling Sapling Sapling Sapling	This stand is similar to stand 38. It contains a lot of beech regeneration
	Canopy Species Red Maple White Pine Red Pine 4119 - Mixed Not Sugar Maple Red Maple Yellow Birch Beech Balsam Fir White Spruce	% Cover 2 4 94 orthern Har 7 45 4 10 7 10 7	Size Class Pole/Sapling Log/Pole/XLog XLog/Log rdwoods Pole Size Class Pole/Log Pole/Log Pole/Log Pole/Sap/Log Sapling/Pole Sapling/Pole	DBH 6 14 18 etimb BBH 8 8 8 6 3 4	Age 66 er Well Age	10.9 Sub-Car Bal Wh Re Blac Serviceber 16.2 Sub-Car Rec Bal Gal Wh	66 hopy Species Isam Fir hite Pine ed Pine ed Pine k Cherry rry (Juneberry) 70 70 hopy Species d Maple Beech Isam Fir hite Pine	111-140 Density Low Medium Low Low Low 81-110 Density Medium High High Medium	Avg. Height 5 - 10 feet Variable < 5 feet 10 - 20 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet 5 - 10 feet Variable	Size Sapling Sapling Sapling Tall Shrut Tall Shrut Size Sapling Sapling Sapling Sapling	This stand is similar to stand 38. It contains a lot of beech regeneratio

Report 7 – Stands

Compartment: 142 Year of Entry: 2022



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
43	42200 - Natu	ural White I	Pine	Poletimb	er Well	l 5.1	68	51-80	N/A		2010: White pine dominant stand with abundant red maple, fir, and 」spruce. Basal areas vary slightly. There are many large supercanopy
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	white pine with young regeneration underneath.
	Red Maple	2	Pole/Sapling	g 8		Re	d Maple	Low	Variable	Sapling	
	White Spruce	2	Pole/Sapling	g 8		Ba	lsam Fir	Medium	Variable	Sapling	
	White Pine	94	Log/XLog	16	68	Whit	e Spruce	Low	< 5 feet	Sapling	
	Hemlock	2	Log/Pole	10		Wł	ite Pine	High	Variable	Sapling	
						H	emlock	Low	10 - 20 feet	Pole	
						Blac	k Cherry	Low	10 - 20 feet	Sapling	
44	310 - Herbac	eous Open	lland	Nonsto	cked	1.5			No		
45	3102	- Grass		Nonsto	cked	23.0		mmature	4211 - Planted	Red Pine	This stand is part of the Red Pine Project. Stand under contract TS# 41- 045-08-01. RPP-Kingston Lake Road. FTP # C41-1401.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	Planted (5/7/13) by Superior Forestry. Planted approximately 691 t/a at a
						Re	ed Pine	Full	Variable	Sapling	cost of 13,411.63 (3/7/13RH) Regen check 2014
											2016 Regen check: 573 T/A. needs replant. Planted spring 2018 to RP. 1st year check fall 2018, passed 855 TPA.
46	3105 - Mixed Uj	pland Herb	aceous	Nonsto	cked	79.7			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Blac	k Cherry	Low		Sapling	
						Wł	nite Pine	Low		Pole	
						Servicebe	rry (Juneberry)	Medium		Sapling	
						Whit	e Spruce	Trace		Pole	
47	42110 - Pla	nted Red P	Pine	Sawtimbe		4.3	66	81-110	N/A		TCR: 41-035-12, sale now closed (8/10/16)
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100	Log	14	66	Ba	lsam Fir	Low	5 - 10 feet	Sapling	
						Wł	nite Pine	Low	Variable	Sapling	
						Servicebe	rry (Juneberry)) Low	5 - 10 feet	Sapling	
48	3102	- Grass		Nonsto	cked	27.4			No		-
							nopy Species	-	Avg. Height	Size	
							d Maple	Trace		Sapling	
							en (spp.)	Low		Sapling	
							e Spruce	Trace		Sapling	
							rry (Juneberry)			Sapling	
						Wh	ite Pine	Trace		Pole	
49	622 - Lov	land Shrut	0	Nonsto	cked	3.9			No		

Report 7 – Stands



DNR

Stan	d Level 4 C	Cover Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
50	429 - Mixed	Upland Cor	nifers Pr	oletimb	er Wel	I 14.0	64	81-110	N/A		White pine dominate stand with large supercanopy trees. Red maple, fir, and spruce are mixed in too. There is a lot of fir regeneration.
	Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	30	Pole/Sap/Log	8		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	5		Ba	lsam Fir	Medium	Variable	Sapling	
	White Spruce	5	Pole/Sapling	6		Wh	te Spruce	Medium	< 5 feet	Sapling	
	White Pine	55	Log/Pole/XLog	14	64	W	hite Pine	Medium	Variable	Pole	
51	500	- Water		Nonsto	ocked	1.7			No		
52	42110 - Pla	anted Red F	Pine Sa	awtimb	er Well	65.0	66	81-110	N/A		TCR: 41-035-12, sale now closed (8/10/16)
	Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Spruce	2	Pole/Sapling	6		Ba	alsam Fir	Low	< 5 feet	Sapling	
	White Pine	2	Pole/Sapling	7		W	hite Pine	Medium	Variable	Sapling	
	Red Pine	96	Log/Pole	12	66	Bla	ck Cherry	Low	5 - 10 feet	Sapling	
						Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
53	330 - Low-	Density Tre	es	Nonsto	ocked	6.0			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						W	hite Pine	Low	Variable	Pole	
54	122 - Roa	ld/Parking L	_ot	Nonsto	ocked	8.2			No		
55	3102	2 - Grass		Nonsto	ocked	7.7			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
							ed Pine	Trace	5 5	Pole	
						Bla	ck Cherry	Trace		Tall Shrub	
							hite Pine	Low		Pole	
56	500	- Water		Nonsto	ocked	10.5			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Swa	mp Laurel	Medium		Tall Shrub	
						5	Sedges	High		Non-Wood	
						W	hite Pine	Low		Sapling	
		anted Red F	vine Sa		er Well	-	66	81-110	N/A		Planted red pine stand that is similar to stand 47. TCR: 41-035-12, sale now closed (8/10/16)
57	42110 - Pla					Sub-Ca	nopy Species	Density	Avg. Height	Size	101. 4 -000-12, Sale 10W Closed (0/10/10)
57	42110 - Pla Canopy Species	% Cover	r Size Class	DBH	Age						
57		% Cover	r Size Class Log	DBH 12	Age		lsam Fir	Low	5 - 10 feet	Sapling	
57	Canopy Species				Age 66	Ba		Low Low	5 - 10 feet Variable	Sapling Sapling	

Report 7 – Stands



DRR MICHIGAN

Stand	Level 4 C	over Type	S	Size Densi	ty	Acres Stand Age BA	A Range	Managed S	lite	General Comments
58	429 - Mixed I	Upland Con	ifers Sa	awtimber V	Vell	29.1 75	81-110	N/A		2020: Cutting in past have pushed this stand to a white pine hemlock
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Canopy Species	Density	Avg. Height	Size	stand with a poor quality red maple understory. Can continue to manage this way with hardwood pulp removals every 30-40 years or when maple
	White Pine	35	Log	16 7	5	Beech	Medium	Variable	Sapling	averages 8 inches.
	Red Maple	35	Pole	6		Red Maple	Medium	Variable	Sapling	
	Hemlock	20	Log	14		White Pine	Medium	Variable	Sapling	
	Balsam Fir	5	Pole/Sapling	6		Hemlock	Low	Variable	Sapling	
	White Spruce	5	Pole	8		Balsam Fir	Medium	Variable	Sapling	
						White Spruce	Low	Variable	Sapling	
59	4113 - R.M	/aple, Conif	er Pole	etimber Me	edium	n 65.3 73	51-80	N/A		2020: Stand was cut heavier than originally prescribed do to inability to
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Canopy Species	Density	Avg. Height	Size	operate as it was marked. There will be lots of density variability in the stand. Lots of red mable stump sprouts3-5 ft tall.
	Red Maple	63	Pole/Sap/Log	8 7	3	Red Maple	Medium	Variable	Sapling	
	Beech	10	Log/Pole	10		Beech	Low	10 - 20 feet	Sapling	Mix up Mix 41-017-12-01
	Balsam Fir	5	Pole/Sapling	8		Balsam Fir	Medium	Variable	Sapling	TCR: 9/13/16
	White Spruce	5	Pole/Sapling	6		White Pine	Low	Variable	Sapling	
	White Pine	10	Log/Pole/XLog	14		Hemlock	Medium	Variable	Sapling	
	Hemlock	5	Log/Pole	10		Black Cherry	Low	10 - 20 feet	Sapling	
	Hemlock Black Cherry	5 2	Log/Pole Pole/Sapling	10 6		Black Cherry	Low	10 - 20 feet	Sapling	
60	Black Cherry		Pole/Sapling		ed	Black Cherry 9.7	Low	10 - 20 feet No	Sapling	
60	Black Cherry	2	Pole/Sapling	6	ed		Low		Sapling]
60	Black Cherry	2	Pole/Sapling	6	ed	9.7		No		
60	Black Cherry	2	Pole/Sapling	6		9.7 Sub-Canopy Species	Density	No	Size	
60	Black Cherry	2	Pole/Sapling	6		9.7 Sub-Canopy Species Black Spruce	Density Low	No	Size Sapling	
60	Black Cherry	2	Pole/Sapling	6		9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry)	Density Low Trace	No	Size Sapling Tall Shrub	
60	Black Cherry	2	Pole/Sapling	6		9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce	Density Low Trace Low	No	Size Sapling Tall Shrut Sapling	
60	Black Cherry	2	Pole/Sapling	6		9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine	Density Low Trace Low Trace	No	Size Sapling Tall Shrut Sapling Pole	
60	Black Cherry	2	Pole/Sapling	6		9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine Aspen (spp.)	Density Low Trace Low Trace Low	No	Size Sapling Tall Shrut Sapling Pole Sapling	
60	Black Cherry	Density Tre	Pole/Sapling es	6		9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine Aspen (spp.) Jack Pine Black Cherry	Density Low Trace Low Trace Low Medium	No	Size Sapling Tall Shrut Sapling Pole Sapling Pole	This stand has white pine in the supercanopy and sub-canopy. Spruce/
61	Black Cherry 330 - Low- 42200 - Nate	Density Tre	Pole/Sapling es Pine Sa	6 Nonstocke	Vell	9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine Aspen (spp.) Jack Pine Black Cherry 111.9 64	Density Low Trace Low Trace Low Medium Trace	No Avg. Height	Size Sapling Tall Shrut Sapling Pole Sapling Pole	This stand has white pine in the supercanopy and sub-canopy. Spruce/ is scattered everywhere with some high basal areas. A few scattered
61	Black Cherry 330 - Low-	2 Density Tre	Pole/Sapling es Pine Sa	6 Nonstocke	Vell	9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine Aspen (spp.) Jack Pine Black Cherry	Density Low Trace Low Trace Low Medium Trace 81-110	No Avg. Height	Size Sapling Tall Shrut Sapling Pole Sapling Pole Tall Shrut Size	This stand has white pine in the supercanopy and sub-canopy. Spruce
61	Black Cherry 330 - Low- 42200 - Natu Canopy Species	Ural White F	Pole/Sapling es Pine Sa Size Class	6 Nonstocke awtimber \ DBH Ag	Vell	9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine Aspen (spp.) Jack Pine Black Cherry 111.9 64 Sub-Canopy Species	Density Low Trace Low Trace Low Medium Trace 81-110 Density	No Avg. Height	Size Sapling Tall Shrut Sapling Pole Sapling Pole Tall Shrut	This stand has white pine in the supercanopy and sub-canopy. Spruce
61	Black Cherry 330 - Low- 42200 - Natu Canopy Species Balsam Fir	Ural White F % Cover 10 10	Pole/Sapling es Pine Sa Size Class Pole/Sapling	awtimber V DBH Ag 6 6	Well	9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine Aspen (spp.) Jack Pine Black Cherry 111.9 64 Sub-Canopy Species Red Maple	Density Low Low Low Trace Low Low Medium Trace 81-110 Density Low	No Avg. Height	Size Sapling Tall Shrut Sapling Pole Sapling Pole Tall Shrut Size Sapling	This stand has white pine in the supercanopy and sub-canopy. Spruce
61	Black Cherry 330 - Low- 42200 - Natu Canopy Species Balsam Fir White Spruce	Ural White F % Cover 10 10	Pole/Sapling es Pine Sa Size Class Pole/Sapling Pole/Sapling	awtimber V DBH Ag 6 6	Well	9.7 Sub-Canopy Species Black Spruce Serviceberry (Juneberry) White Spruce White Pine Aspen (spp.) Jack Pine Black Cherry 111.9 64 Sub-Canopy Species Red Maple Balsam Fir	Density Low Trace Low Trace Low Trace Kedium Trace 81-110 Density Low Medium	No Avg. Height	Size Sapling Tall Shrut Sapling Pole Sapling Pole Tall Shrut Size Sapling Sapling	This stand has white pine in the supercanopy and sub-canopy. Spruce/ is scattered everywhere with some high basal areas. A few scattered

Report 7 – Stands



tand	d Level 4 C	over Type	,	Size De	iisity	Acres	Stand Age B	A Kange	Managed S	Site	General Comments
62	42200 - Nati	ural White I	Pine Sav	wtimber	Mediun	n 8.5	69	1-50	N/A		This stand is composed of mainly white pine in the supercanopy and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	understory. The west side of the stand is more dense than the east.
	Red Maple	2	Pole	5		Red	d Maple	Low	10 - 20 feet	Sapling	
	Jack Pine	2	Pole	6		Bal	sam Fir	Low	Variable	Sapling	
	White Pine	96	Log	12	69	Whit	e Spruce	Low	< 5 feet	Sapling	
						Wh	iite Pine	High	Variable	Sapling	
						Blac	k Cherry	Low	10 - 20 feet	Tall Shrub	
						Serviceber	rry (Juneberry)	Low	10 - 20 feet	Tall Shrub	
63	42200 - Nati	ural White I	Pine S	awtimb	er Well	57.9	64	81-110	N/A		This stand has white pine in the supercanopy and sub-canopy. Spruce/
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	is scattered everywhere with some high basal areas.
	Balsam Fir	10	Pole	8		Red	d Maple	Low	10 - 20 feet	Sapling	
	White Spruce	10	Pole	8		Bal	sam Fir	Medium	Variable	Sapling	
	White Pine	80	Log	14	64	Whit	e Spruce	Low	< 5 feet	Sapling	
					I	Wh	ite Pine	High	Variable	Sapling	
64	4112 - Maple		nerry S	awtimb	er Well	Serviceber 8.0	rry (Juneberry) 65	Low 81-110	5 - 10 feet N/A	Sapling	
64		ociation	nerry S Size Class		er Well	8.0	J (J)			Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is
64	Asso	ociation				8.0 Sub-Car	65	81-110	N/A		a conifer component. The conifer component gradually builds up toward
64	Asso Canopy Species	ociation % Cover	Size Class	DBH	Age	8.0 Sub-Car	65 nopy Species	81-110 Density	N/A Avg. Height	Size	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is
64	Asso Canopy Species Red Maple	ociation % Cover 74	Size Class	DBH 10	Age	8.0 Sub-Car Rec B	65 nopy Species d Maple	81-110 Density Medium	N/A Avg. Height 10 - 20 feet	Size Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is
64	Asso Canopy Species Red Maple Beech	ociation % Cover 74 10	Size Class Log/Pole Log/Pole	DBH 10 10	Age	8.0 Sub-Car Rec Bal	65 hopy Species d Maple Beech	81-110 Density Medium High	N/A Avg. Height 10 - 20 feet Variable	Size Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is
64	Asso Canopy Species Red Maple Beech Balsam Fir	ociation % Cover 74 10 5	Size Class Log/Pole Log/Pole Sapling/Pole	DBH 10 10 4 4	Age	8.0 Sub-Car Rec Bal Bal Whit	65 hopy Species d Maple Beech Isam Fir	81-110 Density Medium High Low	N/A Avg. Height 10 - 20 feet Variable Variable	Size Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is
64	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce	Ociation % Cover 74 10 5 2	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole	DBH 10 10 4 4 12	Age	8.0 Sub-Car Rec Bal Bal Whit	65 hopy Species d Maple Beech Isam Fir re Spruce	81-110 Density Medium High Low Low	N/A Avg. Height 10 - 20 feet Variable Variable Variable	Size Sapling Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is
64	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine	Cover 74 10 5 2 5 2 5 2	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log	DBH 10 10 4 4 12	Age 65	8.0 Sub-Car Rec Bal Bal Whit	65 d Maple Beech sam Fir le Spruce lite Pine	81-110 Density Medium High Low Low Low	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling	variable throughout stand. Blue line is painted in along neighboring
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock	ociation Cover 74 10 5 2 5 2 d Upland Fo	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log	DBH 10 10 4 4 9 12 8	Age 65	8.0 Sub-Car Rec Bal Whit Wh He 4.7	65 65 d Maple Beech Isam Fir te Spruce ite Pine emlock	81-110 Density Medium High Low Low Kow Medium	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock 4319 - Mixeo	ociation Cover 74 10 5 2 5 2 d Upland Fo	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log	DBH 10 10 4 4 9 12 8	Age 65	8.0 Sub-Car Rec Bal Whit Wh He 4.7 Sub-Car	65 hopy Species d Maple Beech Isam Fir le Spruce lite Pine emlock 70	81-110 Density Medium High Low Low Low Medium 81-110	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock 4319 - Mixed Canopy Species	vicitation vicitation 74 10 5 2 5 2 5 2 4 0 <td< td=""><td>Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log</td><td>DBH 10 10 4 4 4 3 12 8 8 eoletimb</td><td>Age 65</td><td>8.0 Sub-Car Rec Bal Whit Wh He 4.7 Sub-Car Rec</td><td>65 65 d Maple Beech Isam Fir ie Spruce iite Pine emlock 70 nopy Species</td><td>81-110 Density Medium High Low Low Low Medium 81-110 Density</td><td>N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable Variable N/A Avg. Height</td><td>Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling</td><td>a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration</td></td<>	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log	DBH 10 10 4 4 4 3 12 8 8 eoletimb	Age 65	8.0 Sub-Car Rec Bal Whit Wh He 4.7 Sub-Car Rec	65 65 d Maple Beech Isam Fir ie Spruce iite Pine emlock 70 nopy Species	81-110 Density Medium High Low Low Low Medium 81-110 Density	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable Variable N/A Avg. Height	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock 4319 - Mixed Canopy Species Sugar Maple	Second state % Cover 74 10 5 2 5 2 4 2 5 2 4 4 5 2 5 2 5 2 5 2 5 6 75 5 5	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log	DBH 10 10 4 4 9 12 8 Poletimb BBH 8	Age 65 4 4 4 4 4 6 5 6 5	8.0 Sub-Car Rec Bal Whit Wh He 4.7 Sub-Car Rec B	65 65 d Maple Beech Isam Fir e Spruce ite Pine emlock 70 nopy Species d Maple	81-110 Density Medium High Low Low Low Medium 81-110 Density Medium	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable Variable N/A Avg. Height 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock 4319 - Mixed Canopy Species Sugar Maple Red Maple	ociation % Cover 74 10 5 2 5 2 4 10 5 6 20 70 70 74 10 5 30	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log Drest P Size Class Pole/Log Pole/Log	DBH 10 10 4 4 12 8 coletimb DBH 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Age 65 4 4 4 4 4 6 5 6 5	8.0 Sub-Car Bal Whit Wh He 4.7 Sub-Car Rec Bal	65 65 d Maple Beech Isam Fir e Spruce ite Pine emlock 70 nopy Species d Maple Beech	81-110 Density Medium High Low Low Low Medium 81-110 Density Medium High	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable N/A Avg. Height 5 - 10 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock 4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch	ociation % Cover 74 10 5 2 5 2 6 2 7 74 10 5 30 4	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log Size Class Pole/Log Pole/Log Pole/Log	DBH 10 10 4 4 12 8 coletimb DBH 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Age 65 4 4 4 4 4 6 5 6 5	8.0 Sub-Car Rec Bal Whit Wh He 4.7 Sub-Car Rec Bal Bal Wh	65 65 d Maple Beech Isam Fir re Spruce ite Pine emlock 70 nopy Species d Maple Beech Isam Fir	81-110 Density Medium High Low Low Low Medium 81-110 Density Medium High Medium	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable Variable N/A Avg. Height 5 - 10 feet 10 - 20 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration with hemlock also.
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Spruce White Pine Hemlock 4319 - Mixed Canopy Species Sugar Maple Red Maple Yellow Birch Beech	ociation % Cover 74 10 5 2 5 2 2 2 4 0 5 30 4 10	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log Size Class Pole/Log Pole/Log Pole/Log Pole/Log	DBH 10 4 4 2 3 3 3 3 3 3 3 3	Age 65 4 4 4 4 4 6 5 6 5	8.0 Sub-Car Rec Bal Whit Wh He 4.7 Sub-Car Rec Bal Bal Wh	65 65 d Maple Beech sam Fir ie Spruce iite Pine emlock 70 nopy Species d Maple Beech Isam Fir iite Pine	81-110 ■ Medium Medium Medium Low Low Medium 81-110 ■ Density Medium Medium Medium	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable Variable N/A Avg. Height 5 - 10 feet 10 - 20 feet 5 - 10 feet Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration with hemlock also.
	Asso Canopy Species Red Maple Beech Balsam Fir White Spruce White Pine Hemlock Hemlock A319 - Mixed Canopy Species Sugar Maple Red Maple Red Maple Yellow Birch Beech Balsam Fir	Occiation % Cover 74 10 5 2 5 2 2 5 2 4 10 4 10 10	Size Class Log/Pole Log/Pole Sapling/Pole Sapling/Pole Log/Pole/XLog Pole/Sap/Log Size Class Pole/Log Pole/Log Pole/Log Pole/Sap/Log Sapling/Pole	DBH 10 4 4 2 3 3 3 3 3 3 3 3	Age 65 4 4 4 4 4 6 5 6 5	8.0 Sub-Car Rec Bal Whit Wh He 4.7 Sub-Car Rec Bal Bal Wh	65 65 d Maple Beech sam Fir ie Spruce iite Pine emlock 70 nopy Species d Maple Beech Isam Fir iite Pine	81-110 ■ Medium Medium Medium Low Low Medium 81-110 ■ Density Medium Medium Medium	N/A Avg. Height 10 - 20 feet Variable Variable Variable Variable Variable N/A Avg. Height 5 - 10 feet 10 - 20 feet 5 - 10 feet Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	a conifer component. The conifer component gradually builds up toward the eastern border where it becomes the majority. Tree density is variable throughout stand. Blue line is painted in along neighboring This stand is similar to stand 38. It contains a lot of beech regeneration with hemlock also.

Report 7 – Stands



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stand	d Level 4 C	over Type	5	Size De	ensity	Acres Stand Age B	A Range	Managed S	Site	General Comments
67	320 - Up	land Shrub		Nonsto	ocked	130.8		No		Mainly scattered white pine with a few other species.
					[Sub-Canopy Species	Density	Avg. Height	Size	
						White Pine	Low	Variable	Sapling	
68	42200 - Nati	ural White F	Pine S	awtimb	er Well	37.2 64	81-110	N/A		White pine is in the supercanopy. Fir/spruce is the majority besides
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	white pine. Densities and heights vary throughout the stand.
	Balsam Fir	10	Pole/Log	8		Red Maple	Low	5 - 10 feet	Sapling	
	White Spruce	15	Pole	7		Beech	Low	5 - 10 feet	Sapling	
	White Pine	70	Log/Pole	12	64	Balsam Fir	Medium	Variable	Sapling	
	Hemlock	5	Log/Pole	12		White Spruce	Low	< 5 feet	Sapling	
			-			White Pine	High	Variable	Sapling	
						Hemlock	Low	Variable	Pole	
						Serviceberry (Juneberry)	Low	< 5 feet	Tall Shrub	2
69	42200 - Nati	ural White I	Pine S	awtimb	er Well	11.9 64	81-110	N/A		This stand is similar to stand 68, but contains smaller trees with higher
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	densities.
	Red Maple	10	Pole	6		Red Maple	Medium	Variable	Sapling	
	Balsam Fir	15	Pole	8		Balsam Fir	Medium	Variable	Sapling	
	White Spruce	15	Pole	8		White Spruce	Low	< 5 feet	Sapling	
	White Pine	60	Log	12	64	White Pine	High	Variable	Sapling	
					·1	Black Cherry	Low	Variable	Tall Shrub	2
						Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
70	500	- Water		Nonsto	ocked	2.7		No		
71	42200 - Nati	ural White F	Pine S	awtimb	er Well	78.4 69	81-110	N/A		Stand has been thinned. Mature W. Pine in supercanopy with sapling
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	size W. Pine, B. Fir, W. Spruce, and RM in understory. Has areas of lo and high BA. HWD's removed in 1993 for shelterwood cut.
	Red Maple	15	Pole	6		Red Maple	Medium	Variable	Sapling	
	Balsam Fir	5	Pole/Sapling	6		Balsam Fir	Low	Variable	Sapling	
	White Spruce	10	Pole/Log	8		White Spruce	Medium	Variable	Sapling	
	White Pine	70	Log/Pole/XLog	12	69	White Pine	Medium	Variable	Sapling	
72	4113 - R.M	laple, Conit	fer P	oletimb	er Well	8.3 50	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Red Maple	55	Pole/Log	8	50	Red Maple	Low	5 - 10 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	8		Balsam Fir	Medium	Variable	Sapling	
	White Spruce	10	Pole	8		White Spruce	Low	< 5 feet	Sapling	
	White Pine	20	Log/Pole	10		White Pine	Medium	Variable	Sapling	
	Black Cherry	5	Pole	6		Black Cherry	Low	5 - 10 feet	Tall Shrub	>
					· · · · · · · · · · · · · · · · · · ·	Serviceberry (Juneberry)		5 - 10 feet	Tall Shrub	

Report 7 – Stands



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tand	Level 4 C	over Type	S	ize De	ensity	Acres Stand Age	e BA Range	Managed S	Site	General Comments
73	42200 - Nati	ural White F	Pine Po	oletimb	er Poor	50.7 50	1-50	N/A		2010: Typed as grass opening last data entry, but is growing in with
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Spec	es Density	Avg. Height	Size	multiple tree species.
	Red Maple	15	Sapling/Pole	5		Red Maple	Low	5 - 10 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	6		Balsam Fir	Low	Variable	Sapling	
	White Spruce	5	Pole/Sapling	7		White Spruce	Low	< 5 feet	Sapling	
	White Pine	60	Pole/Sap/Log	9	50	White Pine	Medium	Variable	Sapling	
	Black Cherry	10	Sapling	5		Black Cherry	Low	5 - 10 feet	Tall Shrub	
					·	Serviceberry (Junebe	rry) Low	5 - 10 feet	Tall Shrub	
74	500	- Water		Nonsto	ocked	16.2		No		
75	42200 - Nati	ural White F	Pine Sa	awtimb	er Well	33.4 69	111-140	N/A		This stand contains large white pine in the supercanopy with a mixture
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Spec	es Density	Avg. Height	Size	pole size fir, spruce, and red maple. The sub-canopy is a mixture of hardwoods, tall shrubs, and conifers.
	Red Maple	5	Pole	6		Red Maple	Low	10 - 20 feet	Sapling	
	Balsam Fir	5	Pole	6		Balsam Fir	Medium	Variable	Sapling	
	White Spruce	10	Pole/Log	8		White Spruce	Low	Variable	Sapling	
	White Pine	80	Log	16	69	White Pine	Medium	Variable	Sapling	
						Serviceberry (Junebe	rry) Low	10 - 20 feet	Sapling	
76	42200 - Nati	ural White F	Pine Sa		er Well	5.8 120	81-110	N/A		2020: Potential for trespass on the North end of the stand on Nugent Lake. No corners found; based on projected boundary lines cabin sits
	Canopy Species	% Cover	Size Class		I Age	Sub-Canopy Spec	es Density	Avg. Height	Size	very close/on the boundary.
	Red Maple	5	Pole	8		Red Maple	Low	Variable	Sapling	
	Balsam Fir	12	Pole/Sapling	6		Balsam Fir	Low	Variable	Sapling	2010: White Pine dominant stand bordering the east side of Nugent Lake. Hardwoods and spruce/fir make up the rest of the canopy.
	White Spruce	5	Pole	8		White Spruce	Low	Variable	Sapling	Lake. That woods and spruce/in make up the rest of the canopy.
	White Pine	78	XLog/Log	20	120	White Pine	Medium	Variable	Sapling	
77	623 - Emei	rgent Wetla	nd	Nonsto	ocked	5.6		No		
78	310 - Herbac	ceous Open	land	Nonsto	ocked	3.4		No		2020: Flooded at time of inventory.
79	42200 - Nati				er Well		81-110	N/A		1
	Canopy Species		Size Class		I Age	Sub-Canopy Spec		Avg. Height	Size	
	Red Maple	5	Pole	6		Red Maple	Medium	Variable	Sapling	
	Balsam Fir	15	Pole	8		Balsam Fir	Low	Variable	Sapling	
	White Spruce	5	Pole/Log	8		White Spruce	Low	Variable	Sapling	
	White Pine	75	Pole/Log	8	49	White Pine	High	Variable	Sapling	
						Serviceberry (Junebe	rrv) Low	5 - 10 feet		

Report 7 – Stands

Compartment: 142 Year of Entry: 2022

			gi. Onit								Year of Entry: 2022
Stand	Level 4 Cover Type Size Density				Acres Stand Age BA Range Manag			Managed	Site	12/	
80	42200 - Natural White Pine			Poletimber Well		6.3	49	51-80	N/A		2020: Mainly conifer pole size trees and sapling sized trees, previous
	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cuts left superstory white pine and spruce with a dense understory of conifer and some red maple.
	Red Maple	10	Pole/Sapling	6		Re	ed Maple	Medium	Variable	Sapling	
	Balsam Fir	7	Pole/Sap/Log	7		Ba	alsam Fir	Low	Variable	Sapling	
	White Spruce	3	Pole/Sapling	6		Wh	ite Spruce	Low	Variable	Sapling	
	White Pine	80	Pole/Sap/Log	8	49	W	hite Pine	High	Variable	Sapling	
						Servicebe	erry (Juneberry	r) Low	5 - 10 feet	Tall Shrub	
81	4113 - R.M	/laple, Coni	ifer P	oletimb	er Well	68.9	65	51-80	N/A		2020: Red maple pulp dominant stand with mixed conifer. This stands
	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	previous harvests have been what looks to be seed tree or shelter wood types with retaining the white pine and hemlock. Stand is very low quali
	Red Maple	55	Pole/Sap/Log	8	65	Re	ed Maple	High	Variable	Sapling	and would be a good candidate for conversion to red pine or even
	Hemlock	5	Log/XLog/Pole	9 16			Beech	Medium	Variable	Sapling	disposal since it is land locked with no known legal access.
	Beech	18	Pole/Sap/Log	8		Ba	alsam Fir	Medium	Variable	Sapling	
	Balsam Fir	7	Sapling/Pole	5		Wh	ite Spruce	Low	< 5 feet	Sapling	
	White Spruce	2	Sapling/Pole	4		W	hite Pine	Low	Variable	Sapling	
	White Pine	13	Log/XLog/Pole	9 16		F	lemlock	Low	Variable	Sapling	
						Bla	ck Cherry	Low	Variable	Sapling	
82	429 - Mixed Upland Conifers Sawtimber Well				18.2	75	81-110	N/A			
	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	35	Log	16	75		Beech	Medium	Variable	Sapling	
	Red Maple	40	Log/Pole	10	75	Re	ed Maple	Medium	Variable	Sapling	
	Hemlock	15	Log	14		W	hite Pine	Medium	Variable	Sapling	
	Balsam Fir	5	Pole/Sapling	6			lemlock	Low	Variable	Sapling	
	White Spruce	5	Pole	8			alsam Fir	Medium	Variable	Sapling	
						Wh	ite Spruce	Low	Variable	Sapling	
83	310 - Herbac	ceous Oper	nland	Nonsto	ocked	2.0	ι	Jnspecified	4212 - Planted	Jack Pine	Side was re-treched/trenched summer 2017 and combined with JP strip $_{\rm l}$ to create one new large stand. Stand needs to be planted.
							nopy Species	-	Avg. Height	Size	Planted spring 2018 to JP. 1st year regen check was a fail, 135 TPA
						Ja	ack Pine	Full	< 5 feet	Seeding	
											Stand was replanted spring 2019. regen check passed summer 2019.
84	3303 - Mixed Low Density Trees Nonstocked					4.5 No					
							nopy Species		Avg. Height	Size	
							ed Maple	Low		Sapling	
							erry (Juneberry	,		Tall Shrub	
							hite Pine	Medium		Sapling	
							pen (spp.)	Low		Sapling	
							led Pine	Low		Pole	
							ack Pine	Trace		Pole	
						Bla	ck Cherry	Low		Tall Shrub	

Report 7 – Stands



Stand	Level 4 Cover Type		S	Size Density		Acres Stand	Age BA Rang	A Range Managed Si		ite	General Comments	
85	4113 - R.Maple, Conifer			Poletimber Well		7.0 69	81-110	0	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Sp	pecies Den	sity /	Avg. Height	Size		
	Red Maple	75	Log/Pole	10	69	Red Maple	e Med	dium	Variable	Sapling		
	Balsam Fir	5	Sapling/Pole	3		Balsam Fir	r Lo	ow	Variable	Sapling		
	White Spruce	10	Pole/Log	8		White Spruc	ce Med	dium	Variable	Sapling		
	White Pine	10	Log	14		White Pine	e Med	dium	Variable	Sapling		
86	42200 - Natu Canopy Species				r Mediu				N/A Avg. Height	Size	This stand is composed of mainly white pine in the supercanopy an understory. The west side of the stand is more dense than the eas	
86	42200 - Natu Canopy Species Red Maple		Pine Pole Size Class Pole		Mediu I Age	m 1.6 69 Sub-Canopy Sp Red Maple	pecies Den	sity /	N/A Avg. Height 10 - 20 feet	Size Sapling		
86	Canopy Species	% Cover	Size Class	DBH		Sub-Canopy Sp	pecies Dens	sity /	Avg. Height			
86	Canopy Species Red Maple	% Cover 2	Size Class Pole	DB +	I Age	Sub-Canopy Sp Red Maple	pecies Dens e Lo r Lo	ow	Avg. Height 10 - 20 feet	Sapling		
86	Canopy Species Red Maple Black Spruce	% Cover 2 2 2	Size Class Pole Sapling/Pole	DB 5 6	I Age	Sub-Canopy Sp Red Maple Balsam Fir	pecies Dens e Lo r Lo ce Lo	ow ow	Avg. Height 10 - 20 feet Variable	Sapling Sapling		
86	Canopy Species Red Maple Black Spruce	% Cover 2 2 2	Size Class Pole Sapling/Pole	DB 5 6	I Age	Sub-Canopy Sp Red Maple Balsam Fir White Spruc	pecies Dense e Lo r Lo ce Lo e His	ow ow ow igh	Avg. Height 10 - 20 feet Variable < 5 feet	Sapling Sapling Sapling	understory. The west side of the stand is more dense than the eas	