

Table S1. Environmental, regeneration and initial structural parameters for the 11 Forest Inventory and Analysis (FIA) plots used in the FVS model for scenario management simulation. SM: Sugar maple-beech, SI: shade-intolerant deciduous, WSP: white spruce plantation.

Forest type	FIA plot code	FIA forest		Ecoregion	Site index (species)	Slope (%)	Elevation (m)	Aspect (degrees)	Basal area (m ² /ha)	Trees		Canopy cover (%)	Top height (m)	Species regenerated	
		type	Age							SDI	per hectare				QMD
SM	247062781010661	801	90	M211Db	69 (WA)	7	598	110	30.7	387	6116	3.1	90	23.5	AB, RM, SM, YB
SM	247062774010661	801	96	M211De	69 (SM)	30	579	147	38.4	400	2906	5.1	80	29.3	AB, BW, SM
SM	247062742010661	801	97	M211Db	52 (SM)	15	546	156	25.3	316	4819	3.2	85	22.3	AB, RM, SM, RS
SM	247062729010661	801	85	M211Dd	50 (RM)	21	636	262	32.9	448	9630	2.6	85	22.3	AB, RM, SM, YB
SM	247062688010661	801	80	M211Dd	53 (SM)	21	671	5	26.2	370	9207	2.4	80	21.6	AB, RS, SM, YB
Mean	-	-	90	-	59	19	606	136	31	384	6535	3	84	23.8	
SD	-	-	6	-	10	8	44	83	5	43	2569	1	4	2.8	
SI	247062904010661	901	62	211Ec	63 (BT)	19	89	340	32.5	485	12,946	2.3	95	20.7	BT, SM, WA, WP
SI	247062725010661	902	60	M211Df	N/A	41	888	354	18.2	244	4952	2.7	80	11.3	BT, SM, WA, WP
SI	247062309010661	901	54	222Id	56 (RO)	1	551	0	22.6	350	18,019	1.5	85	14.6	BF, PB, RM, RS
SI	247062509010661	901	56	211Fb	53 (RM)	14	410	213	29.3	385	7215	2.8	70	17.7	BT, SM, WA, WP
SI	247062370010661	901	62	222Ie	69 (WA)	5	130	255	30.2	404	8043	2.7	90	23.8	PR, QA, RM, WA
Mean	-	-	59	-	60	16	414	232	27	374	10,235	2	84	17.6	
SD	-	-	4	-	7	16	328	143	6	88	5239	1	10	4.9	
WSP *	247062711010661	122	55	211Ib	N/A	13	600	285	27.54	314	19783	1.3	95	12.8	WS (planted)

* The simulations started at the plantation of 5 different densities of white spruce seedlings after this stand was clearcut. The information relative to trees given here was not taken into account.

FIA forest type: 801: Sugar maple / beech / yellow birch. 901: Aspen. 902: Paper birch

Species code: AB: american beech, BF: balsam fir, BW: american basswood, BT: bigtooth aspen, PB: paper birch, PR:

pin cherry, QA: quaking aspen, RO: red oak, RM: red maple, RS: red spruce, SM: sugar maple, WA: white ash,

WP: eastern white pine, YB: yellow birch.