Selection Harvest Survey



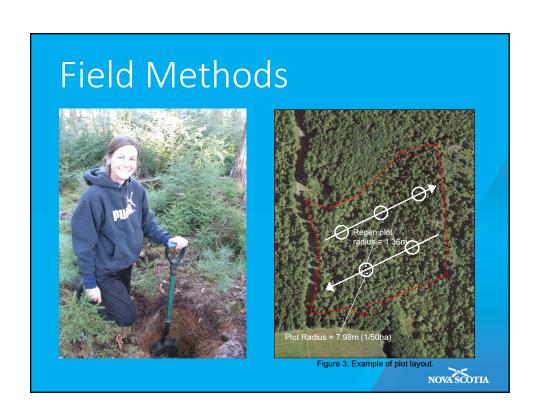
Team



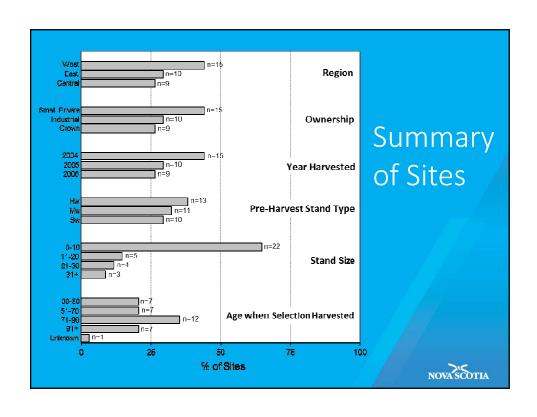
Tim McGrath, Jane Kent, Bob Murray, Troy Rushton, Jenna Dooks

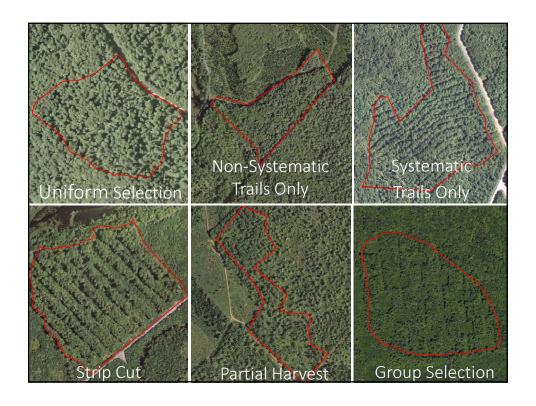
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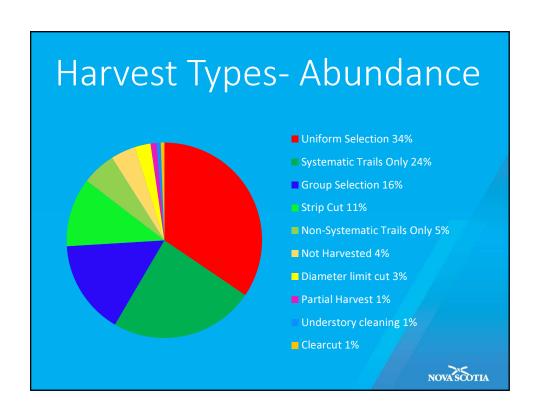


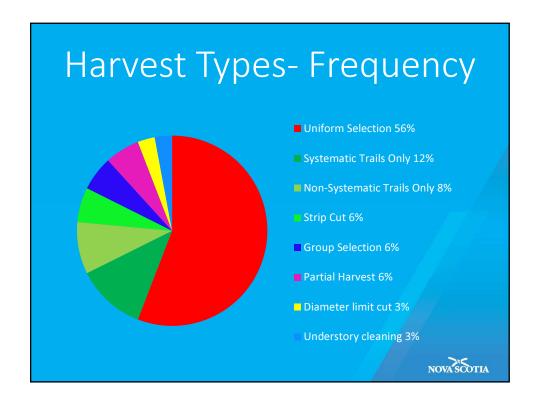












Indicators of Job Quality

Post-treatment basal area: must be at least 16 m²/ha.

<u>% Basal Area Removal:</u> must not exceed **50%** basal area removal (including extraction trails).

<u>Tolerant and long lived species:</u> must contain at least 5 m²/ha of the following species (red spruce, white pine, eastern hemlock, eastern cedar, sugar maple, yellow birch, red oak, white ash).

Maturity: must be at least 60 years of age.

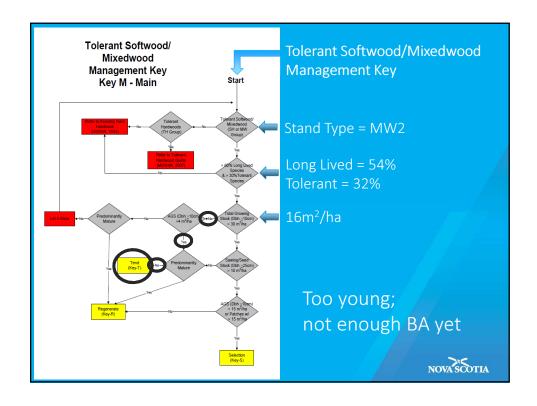


			Basal Area					Species Comp.	РТА	
	Stand ID	Age	Pre- Harvest (m ² /ha)	Cut (m²/ha)	Post- Harvest ¹ (m ² /ha)	% BAR	Tol. ² Species (m ² /ha)	Before Harvest	Stand Type	Qualify for selection (Y/N)
Marginal pre-harvest Basal Area	1111	79	22	7	15	34%	14	SM ⁷⁶ YB ²⁰ WS ³	Hw	Υ Υ
	1116	90	24	10	14	41%	8	RM ³¹ RS ²⁷ YB ²³	Mw	N
	1128	97	23	9	15	37%	6	$YB^{34RM^{27}BE^{25}}$	Hw	N
	1130	87	24	10	15	40%	14	$SM^{64}YB^{25}BE^7$	Hw	Υ
Low pre-harvest Basal Area	1118	79	17	5	12	27%	10	SM ⁷⁶ YB ¹⁰ BE ⁷	Hw	N
Too Young	1101	39	22	3	19	12%	15	RS ⁷³ LTA ⁹ WP ⁷	Sw	N
Tarabana di Ta										
Look at these examples	1131	47	30	9	22	29%	10	RS ⁵² BF ³³ RM ¹³	Sw	N
	1134	39	17	7	10	41%	6	RS ⁶⁰ RM ²⁹ BF ⁸	Mw	N
Too Much Removed	1106	52	25	12	14	46%	12	RS ⁴⁷ HE ²⁴ WP ¹⁴	Sw	N
	1108	72	40	23	17	57%	13	RS ²⁵ HE ²² RM ²¹	Mw	Y
	1110	60	39	21	18	54%	13	WP ⁵⁹ RM ¹⁶ HE ¹³	Sw	N
\	1114	47	34	28	6	81%	4	WP ³³ BF ³³ HE ¹⁷	Sw	Υ
Wrong Species Mix	1107	56	36	6	30	18%	5	WS ³⁷ BF ²⁸ RM ¹⁶	Sw	N
1	1120	56	27	9	17	35%	4	RM ⁴³ YB ²⁴ BF ²³	Mw	N
\	1123	79	21	4	17	21%	0	BS ⁸⁵ BF ⁹ WP ²	Sw	N
Wrong Species Mix	1105	46	29	16	13	54%	2	BF ⁵⁴ RM ³⁰ RS ¹⁰	Mw	N









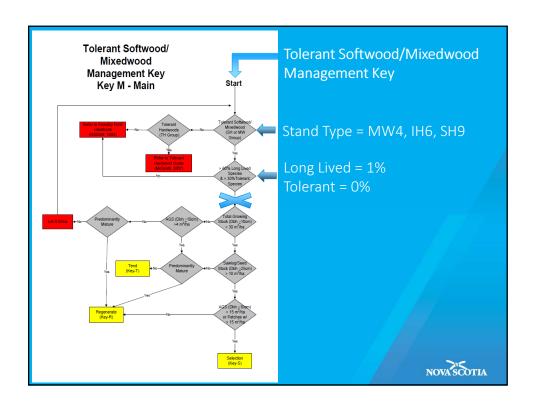












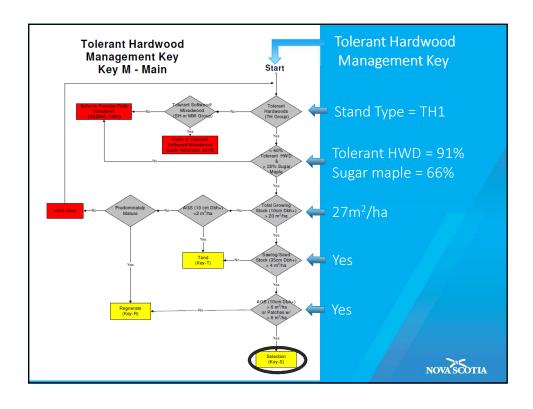
















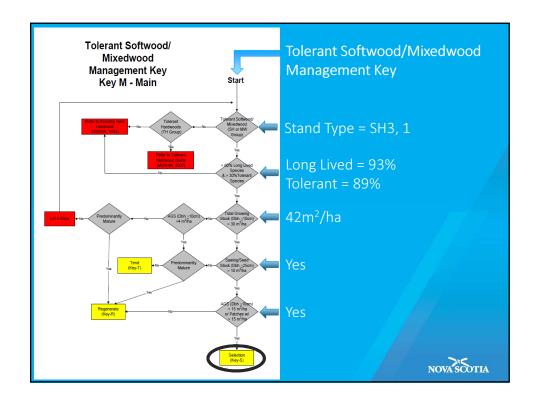


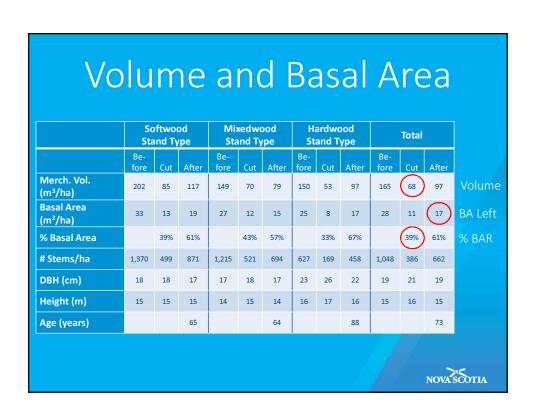


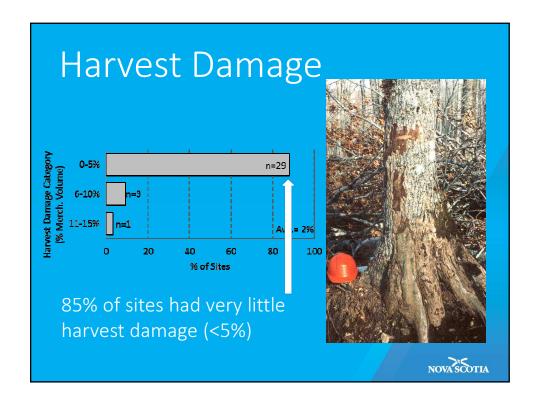




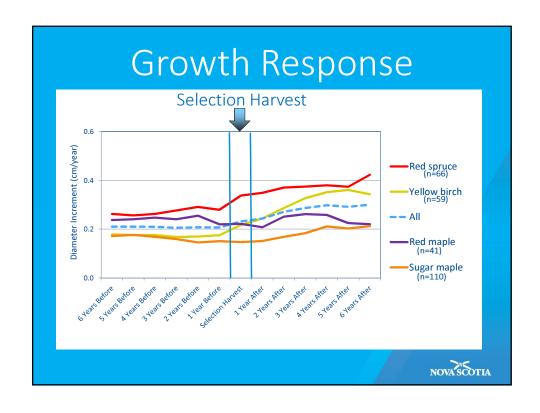


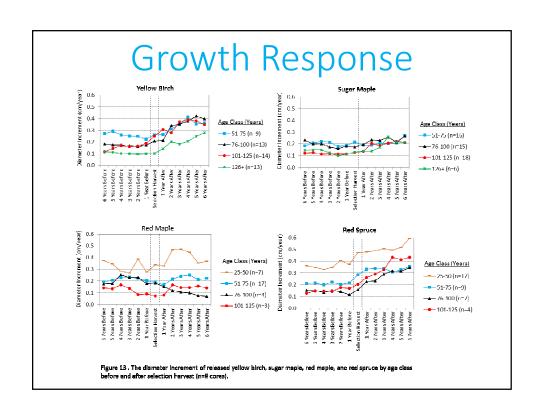














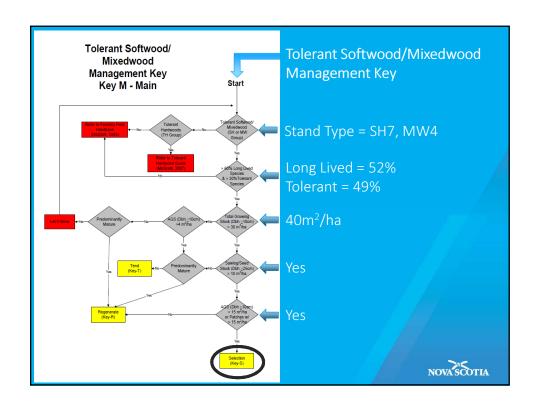
	Softwood Stand Type			Mixedwood Stand Type			Hardwood Stand Type			Total		
	Blow- down	Bro- ken Tops	Total	Blow- down	Bro- ken Tops	Total	Blow- down	Bro- ken Tops	Total	Blow- down	Bro- ken Tops	Total
Basal Area (m²/ha)	0.8	1.1	1.9	0.8	0.4	1.2	0.2	0.4	0.5	0.6	0.6	1.2
Basal Area (%)	4%	6%	10%	5%	2%	8%	1%	2%	3%	3%	4%	7%
Merch. Vol. (m³/ha)	5	7	12	5	2	7	1	2	3	4	4	7
Merch. Vol. (%)	4%	8%	12%	6%	2%	9%	1%	2%	3%	4%	4%	8%
Stems (#/ha)	31	39	70	23	18	40	3	11	14	18	21	40
DBH (cm)	17	22		17	16		25	19				

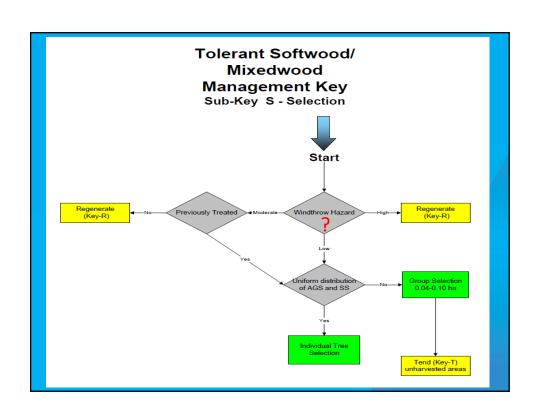
VV	ind		mag	ility e	
	Sample	(70 01 10	lerchantable V		
	Size	Blowdown	Broken Tops	Total	
Balsam fir	1,076	5%	19%	24%	
Black spruce	213	11%	8%	19%	
White spruce	218	11%	4%	15%	
Hemlock	146	6%	6%	12%	/ /
Red spruce	1,380	5%	3%	8%	
White pine	122	0%	3%	3%	7
Eastern larch	13	2%	1%	3%	7
Softwood species	3,168	6%	7%	13%	
White birch	109	5%	1%	6%	
Red maple	1,256	1%	2%	3%	/
Sugar maple	1,118	1%	1%	3%	
Yellow birch	555	0%	2%	3%	
Beech	296	1%	2%	3%	
White ash	26	2%	0%	2%	
Hardwood species	3,360	1%	2 %	3%	











Shallow Soil Type: Mineral soil depth < 30cm over bedrock.



