

## Appendix 1

Forest structure conditions across the landscape at beginning and end of the 50 year simulation.

Table A1.1 Percent of study area in vegetation structure (cover, tree size and layers (single or multiple) used in state and transition models at year 0. S stands for single story and M for multi-story.

Percent Cover class and layers (S, M)	Tree Size (cm)							Totals
	Grass/ Shrub	Seedling/ Sapling <12	Pole 12-25	Small 25-37	Medium 37-50	Large 50-75	Giant >75	
<10	3.29	0.05	0.03	0.14	0.30	0.52	0.00	4.33
10-40 S	1.15	1.99	6.94	14.37	5.84	4.75	1.39	36.42
10-40 M	NA	NA	NA	NA	NA	1.69	0.40	2.09
40-60 S	0.00	0.00	5.95	8.96	5.81	1.11	0.05	21.88
40-60 M	NA	NA	NA	NA	NA	3.74	0.44	4.18
>60 S	0.00	0.00	4.75	7.59	4.95	0.04	0.01	17.35
>60 M	NA	NA	NA	NA	NA	11.30	2.45	13.75
Totals	4.43	2.05	17.67	31.06	19.90	23.15	4.74	

Table A1.2. Mean percent of study area in vegetation structure (cover, tree size and layers (single or multi)) used in state and transition models at year 50. Values in parentheses are lower and upper 95<sup>th</sup> percentile confidence intervals from 15 replications.

Cover class and layers (S,M)	Tree Size (cm)							Totals
	Grass/ Shrub	Seedling/ Sapling	Pole 12-25	Small 25-37	Medium 37-50	Large 50-75	Giant >75	
<10	3.15 (2.82, 3.47)	1.01 (0.85, 1.17)	0.00 (0.00, 0.00)	0.02 (0.02, 0.03)	0.20 (0.19, 0.21)	0.29 (0.24, 0.34)	0.01 (0.00, 0.02)	4.68
10-40 S	2.10 (1.73, 2.46)	5.30 (4.97, 5.13)	5.05 (4.97, 5.13)	10.71 (10.49, 10.92)	5.21 (5.18, 5.24)	4.70 (4.64, 4.76)	0.57 (0.56, 0.57)	33.62
10-40 M	NA	NA	NA	NA	NA	0.16 (0.16, 0.17)	0.02 (0.02, 0.03)	0.19
40-60 S	0.00 (0.00, 0.00)	0.02 (0.00, 0.02)	4.08 (4.02, 4.14)	9.99 (9.80, 10.18)	5.88 (5.81, 5.95)	7.74 (7.59, 7.90)	0.26 (0.24, 0.28)	27.98
40-60 M	NA	NA	NA	NA	NA	1.38 (1.36, 1.40)	0.03 (0.03, 0.03)	1.41

>60 S	0.01 (0.00, 0.01)	0.00 (0.00, 0.00)	4.23 (3.97, 4.48)	7.05 (6.99, 7.11)	3.09 (2.99, 3.18)	0.56 (0.53, 0.59)	0.09 (0.09, 0.09)	15.02
>60 M	NA	NA	NA	NA	NA	10.69 (10.45, 10.94)	6.41 (6.19, 6.63)	17.10
Totals	5.25	6.33	13.36	27.77	14.38	25.52	7.39	

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