

Sequoia sempervirens summary

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Tree	Year	Age	Total dry mass (Mg)	Bark volume (m ³)	Sapwood volume (m ³)	Heartwood volume (m ³)	Dead volume (m ³)	Bark area (m ²)	Cambium area (m ²)	Heartwood area (m ²)	Leaf dry mass (kg)	Leaf area (m ²)	Millions of leaves
SESE 1	2009	110 ± 10	2.92 ± 0.10	2.90 ± 0.15	2.65 ± 0.57	2.63 ± 0.39	0.028 ± 0.004	396.1 ± 47.9	257.0 ± 24.8	40.7 ± 5.1	83.7 ± 9.6	510.2 ± 58.6	43.4 ± 10.8
SESE 2	2011	167 ± 5	8.77 ± 0.16	4.51 ± 0.14	7.86 ± 0.84	10.75 ± 0.86	0.167 ± 0.015	743.5 ± 81.0	462.6 ± 23.5	106.7 ± 7.9	157.1 ± 12.9	914.4 ± 73.5	76.2 ± 6.6
SESE 3	2009	190 ± 10	30.27 ± 0.58	22.53 ± 0.49	14.59 ± 0.71	45.26 ± 1.59	0.353 ± 0.029	169.2 ± 143.7	1071.1 ± 46.1	280.9 ± 11.2	356.9 ± 23.8	2035.2 ± 131.4	185.4 ± 7.8
SESE 4	2010	200 ± 10	3.83 ± 0.08	3.24 ± 0.13	2.59 ± 0.38	4.79 ± 0.54	0.115 ± 0.007	336.6 ± 40.5	185.5 ± 10.3	53.0 ± 4.4	56.3 ± 5.1	332.9 ± 29.8	33.8 ± 3.5
SESE 5	2009	210 ± 30	7.63 ± 0.14	4.51 ± 0.15	6.03 ± 0.69	10.12 ± 0.88	0.069 ± 0.005	475.1 ± 46.9	301.9 ± 14.8	93.9 ± 6.3	86.9 ± 7.4	510.0 ± 42.3	45.5 ± 4.3
SESE 6	2011	230 ± 40	0.67 ± 0.03	0.59 ± 0.04	0.43 ± 0.11	0.75 ± 0.15	0.056 ± 0.005	108.9 ± 28.4	67.5 ± 9.0	13.7 ± 1.8	14.8 ± 2.4	90.9 ± 14.5	19.6 ± 2.7
SESE 7	2006	250 ± 20	17.26 ± 0.32	9.99 ± 0.25	11.68 ± 0.81	24.01 ± 1.24	0.248 ± 0.021	1282.7 ± 126.1	805.3 ± 37.9	197.7 ± 10.4	271.8 ± 19.4	1562.0 ± 108.6	136.9 ± 7.7
SESE 8	2011	290 ± 30	2.75 ± 0.06	2.65 ± 0.11	1.68 ± 0.25	3.23 ± 0.41	0.108 ± 0.004	330.9 ± 38.6	181.6 ± 10.8	39.0 ± 4.0	67.3 ± 6.6	399.3 ± 38.5	33.3 ± 5.1
SESE 9	2011	290 ± 10	3.54 ± 0.07	2.54 ± 0.10	2.67 ± 0.49	4.63 ± 0.51	0.036 ± 0.002	227.8 ± 32.7	132.7 ± 7.0	47.9 ± 3.3	30.9 ± 3.3	186.1 ± 19.9	24.9 ± 3.0
SESE 10	2011	330 ± 10	21.70 ± 0.38	11.06 ± 0.25	11.40 ± 0.69	35.10 ± 1.40	0.156 ± 0.005	1099.7 ± 62.9	703.3 ± 22.6	210.9 ± 6.7	216.5 ± 11.3	1220.2 ± 62.4	115.2 ± 4.3
SESE 11	2011	332 ± 1	27.68 ± 0.49	13.87 ± 0.27	13.71 ± 0.69	44.60 ± 1.47	0.641 ± 0.039	1603.0 ± 86.9	1002.0 ± 29.2	269.4 ± 7.4	326.8 ± 14.0	1826.2 ± 76.3	183.4 ± 4.2
SESE 12	2011	336 ± 2	47.80 ± 0.81	17.63 ± 0.30	20.07 ± 0.77	86.89 ± 1.96	0.102 ± 0.010	1435.1 ± 136.2	1013.1 ± 29.5	349.1 ± 6.9	303.2 ± 14.9	1706.0 ± 82.6	170.5 ± 6.8
SESE 13	2011	340 ± 10	44.98 ± 0.84	28.10 ± 0.49	25.18 ± 1.02	67.81 ± 1.67	1.068 ± 0.084	1948.1 ± 99.0	1198.3 ± 37.8	335.1 ± 9.1	382.3 ± 19.2	2152.2 ± 105.8	208.1 ± 7.1
SESE 14	2006	350 ± 10	18.16 ± 0.33	10.66 ± 0.26	11.09 ± 0.79	27.32 ± 1.28	0.071 ± 0.004	1007.8 ± 60.6	607.6 ± 23.2	176.2 ± 7.2	187.9 ± 11.9	1069.5 ± 65.9	97.3 ± 4.8
SESE 15	2006	350 ± 40	22.93 ± 0.44	12.88 ± 0.28	14.43 ± 0.77	31.87 ± 1.26	0.552 ± 0.052	1807.0 ± 193.3	1222.7 ± 47.5	274.1 ± 10.9	442.6 ± 24.7	2501.3 ± 135.5	220.2 ± 7.9
SESE 16	2009	360 ± 30	17.96 ± 0.37	15.82 ± 0.41	9.68 ± 0.70	24.82 ± 1.27	0.264 ± 0.019	859.0 ± 61.4	556.0 ± 19.9	188.2 ± 7.4	165.1 ± 9.6	934.4 ± 53.0	86.7 ± 3.5
SESE 17	2006	370 ± 10	15.77 ± 0.30	9.14 ± 0.23	9.95 ± 0.78	22.89 ± 1.17	0.419 ± 0.037	1000.4 ± 70.4	602.8 ± 24.7	162.7 ± 7.5	195.1 ± 12.8	1115.4 ± 71.9	99.1 ± 5.8
SESE 18	2011	375 ± 3	12.03 ± 0.23	8.25 ± 0.24	8.29 ± 0.76	16.03 ± 1.07	0.212 ± 0.012	753.8 ± 73.1	496.6 ± 21.9	143.2 ± 7.6	155.0 ± 10.9	889.4 ± 60.7	79.9 ± 4.5
SESE 19	2011	390 ± 60	4.20 ± 0.08	2.70 ± 0.10	2.18 ± 0.28	6.43 ± 0.59	0.164 ± 0.007	275.7 ± 33.4	151.1 ± 8.1	57.7 ± 3.4	41.2 ± 4.5	244.9 ± 26.6	26.1 ± 3.9
SESE 20	2006	400 ± 20	26.28 ± 0.49	15.13 ± 0.31	14.78 ± 0.79	39.78 ± 1.39	0.778 ± 0.061	1508.5 ± 79.5	901.3 ± 32.6	237.5 ± 8.5	296.1 ± 16.6	1674.0 ± 91.1	152.5 ± 5.5
SESE 21	2009	410 ± 10	55.59 ± 1.01	29.04 ± 0.48	20.44 ± 0.79	97.44 ± 2.12	0.594 ± 0.043	2745.7 ± 132.9	1633.4 ± 51.4	416.4 ± 12.6	546.3 ± 26.3	3068.9 ± 144.7	298.0 ± 9.3
SESE 22	2009	450 ± 90	11.24 ± 0.23	9.72 ± 0.27	5.70 ± 0.52	16.19 ± 0.95	0.229 ± 0.015	441.5 ± 33.9	294.8 ± 11.7	113.3 ± 4.9	78.8 ± 5.7	455.0 ± 32.5	39.4 ± 3.3
SESE 23	2009	480 ± 30	37.08 ± 0.68	21.43 ± 0.38	16.81 ± 0.77	61.09 ± 1.58	0.361 ± 0.024	1835.2 ± 161.7	1068.2 ± 44.3	290.3 ± 8.7	350.3 ± 24.2	2007.8 ± 138.7	208.4 ± 15.0
SESE 24	2010	500 ± 30	21.91 ± 0.42	16.34 ± 0.39	12.78 ± 0.99	31.41 ± 1.48	0.320 ± 0.021	1018.4 ± 95.1	635.7 ± 28.6	200.4 ± 8.9	191.6 ± 14.9	1107.8 ± 84.2	104.3 ± 7.4
SESE 25	2006	520 ± 30	30.40 ± 0.52	11.84 ± 0.26	16.77 ± 0.97	50.75 ± 1.86	0.259 ± 0.020	1511.5 ± 94.4	919.4 ± 32.7	281.4 ± 9.0	281.0 ± 16.4	1590.2 ± 90.9	157.6 ± 6.6
SESE 26	2006	570 ± 40	43.34 ± 0.77	16.32 ± 0.30	20.81 ± 0.93	75.37 ± 2.01	1.282 ± 0.101	1668.6 ± 76.4	1022.0 ± 30.4	329.9 ± 8.6	299.8 ± 14.8	1686.8 ± 81.2	168.2 ± 5.3
SESE 27	2009	620 ± 10	74.31 ± 1.28	29.27 ± 0.44	30.98 ± 0.99	132.86 ± 2.45	0.516 ± 0.035	3047.8 ± 227.9	1905.3 ± 62.6	545.8 ± 14.7	612.2 ± 31.4	3446.0 ± 174.9	364.1 ± 13.3
SESE 28	2011	700 ± 30	60.84 ± 1.13	35.67 ± 0.60	34.23 ± 1.56	94.10 ± 2.17	1.569 ± 0.076	2245.2 ± 182.0	1352.1 ± 57.8	398.1 ± 13.2	422.1 ± 30.6	2432.2 ± 173.7	236.4 ± 16.6
SESE 29	2006	720 ± 60	60.58 ± 1.02	22.61 ± 0.36	26.47 ± 0.97	110.12 ± 2.27	0.046 ± 0.001	1823.8 ± 88.2	1109.8 ± 31.6	398.7 ± 8.4	314.5 ± 16.5	1768.9 ± 92.8	181.9 ± 8.5
SESE 30	2011	730 ± 30	51.00 ± 0.95	26.51 ± 0.44	23.11 ± 0.91	85.30 ± 1.96	1.202 ± 0.058	1802.6 ± 122.1	1190.5 ± 39.9	393.5 ± 11.5	360.1 ± 19.5	2032.0 ± 106.6	196.0 ± 6.1
SESE 31	2009	730 ± 60	20.31 ± 0.37	11.28 ± 0.27	9.68 ± 0.70	33.82 ± 1.51	0.220 ± 0.010	875.0 ± 59.5	531.6 ± 20.9	191.9 ± 7.5	149.9 ± 10.7	864.0 ± 60.5	78.4 ± 5.8
SESE 32	2006	740 ± 40	63.43 ± 1.12	26.39 ± 0.42	30.05 ± 1.04	109.35 ± 2.33	0.969 ± 0.084	2419.2 ± 186.1	1531.3 ± 54.4	464.3 ± 13.0	471.0 ± 27.7	2674.1 ± 154.1	266.2 ± 11.2
SESE 33	2011	790 ± 70	48.73 ± 0.92	35.82 ± 0.68	23.74 ± 1.03	75.84 ± 2.02	0.280 ± 0.014	1805.8 ± 245.1	1022.9 ± 51.9	333.6 ± 10.0	273.5 ± 27.3	1624.0 ± 162.0	210.4 ± 22.9
SESE 34	2011	820 ± 30	126.64 ± 2.31	75.56 ± 1.11	54.46 ± 1.53	211.93 ± 3.37	1.876 ± 0.064	5186.7 ± 667.6	2788.2 ± 149.1	739.8 ± 23.3	852.7 ± 87.3	5039.6 ± 516.3	599.7 ± 73.6
SESE 35	2011	840 ± 30	31.77 ± 0.55	13.95 ± 0.29	18.64 ± 1.02	52.34 ± 1.76	0.297 ± 0.020	946.9 ± 83.5	579.6 ± 24.3	239.8 ± 6.4	154.6 ± 14.3	903.0 ± 84.6	93.3 ± 12.3
SESE 36	2010	940 ± 40	76.15 ± 1.36	36.53 ± 0.42	27.82 ± 0.57	136.67 ± 2.09	1.436 ± 0.079	2432.4 ± 246.8	1415.2 ± 59.2	490.9 ± 11.4	408.9 ± 32.4	2360.0 ± 187.6	265.5 ± 22.1
SESE 37	2010	940 ± 40	128.70 ± 2.23	51.32 ± 0.66	38.68 ± 1.37	244.37 ± 3.42	2.043 ± 0.123	3976.8 ± 318.3	2259.9 ± 83.5	714.8 ± 14.8	695.3 ± 45.9	3966.9 ± 263.2	442.2 ± 29.3
SESE 38	2006	960 ± 60	76.15 ± 1.32	28.02 ± 0.41	32.00 ± 1.02	137.66 ± 2.43	1.240 ± 0.103	2717.8 ± 153.5	1607.9 ± 51.6	480.6 ± 11.8	503.5 ± 26.9	2841.3 ± 149.9	287.0 ± 11.5
SESE 39	2006	970 ± 40	101.79 ± 1.75	42.43 ± 0.58	40.46 ± 1.22	185.76 ± 3.03	0.934 ± 0.047	2664.6 ± 135.2	1639.4 ± 48.9	575.0 ± 12.6	468.3 ± 25.0	2655.5 ± 139.8	266.0 ± 11.3
SESE 40	2009	980 ± 30	48.62 ± 0.90	25.56 ± 0.46	17.80 ± 0.78	86.59 ± 2.14	0.809 ± 0.035	1858.1 ± 137.9	1059.7 ± 40.5	355.3 ± 10.3	323.7 ± 22.6	1855.5 ± 129.7	185.7 ± 14.9
SESE 41	2009	1020 ± 10	170.17 ± 2.89	62.99 ± 0.79	46.60 ± 1.23	331.43 ± 4.49	2.565 ± 0.105	4426.2 ± 286.0	2606.0 ± 85.2	850.5 ± 16.0	797.7 ± 46.8	4514.6 ± 265.6	481.1 ± 26.9
SESE 42	2011	1100 ± 30	152.45 ± 2.56	52.38 ± 0.67	47.88 ± 1.29	295.69 ± 4.04	1.648 ± 0.064	3015.0 ± 197.7	1842.1 ± 58.3	727.1 ± 12.8	501.7 ± 31.3	2840.4 ± 178.4	318.8 ± 18.7
SESE 43	2008	1100 ± 40	109.02 ± 1.96	57.68 ± 0.82	35.09 ± 1.12	198.49 ± 3.12	1.004 ± 0.031	3454.8 ± 304.6	1947.9 ± 82.5	586.4 ± 14.9	624.3 ± 49.8	3611.7 ± 290.8	377.7 ± 38.7
SESE 44	2010	1120 ± 40	271.98 ± 4.74	84.73 ± 1.25	77.83 ± 2.09	530.82 ± 7.91	8.232 ± 0.577	6271.5 ± 412.8	3684.1 ± 126.7	1187.7 ± 27.5	1139.9 ± 67.6	6470.3 ± 381.8	679.8 ± 35.9
SESE 45	2011	1160 ± 40	172.38 ± 3.00	73.15 ± 0.99	40.33 ± 1.08	339.31 ± 4.73	2.157 ± 0.131	3286.3 ± 188.5	1963.7 ± 59.8	768.4 ± 14.1	532.3 ± 30.5	3009.1 ± 169.9	313.6 ± 12.9
SESE 46	2006	1180 ± 50	132.35 ± 2.27	49.58 ± 0.65	46.76 ± 1.30	248.76 ± 3.61	1.483 ± 0.086	3854.3 ± 246.6	2289.8 ± 73.7	705.6 ± 14.3	703.5 ± 39.3	3964.0 ± 221.7	439.9 ± 21.1
SESE 47	2006	1180 ± 30	144.66 ± 2.46	50.92 ± 0.65	46.60 ± 1.27	279.94 ± 3.91	1.298 ± 0.077	2995.1 ± 120.7	1888.7 ± 45.2	709.6 ± 12.0	517.8 ± 22.0	2875.3 ± 121.3	322.6 ± 8.5
SESE 48	2009	1180 ± 50	217.26 ± 3.73	70.47 ± 0.98	56.70 ± 1.45	425.16 ± 5.82	5.462 ± 0.347	6468.7 ± 388.5	3743.9 ± 120.7	1157.5 ± 25.4	1188.1 ± 66.4	6697.8 ± 375.9	718.5 ± 38.1
SESE 49	2010	1260 ± 40	209.09 ± 3.66	91.08 ± 1.30	56.47 ± 1.55	399.70 ± 5.56	4.578 ± 0.202	5090.3 ± 319.6	2959.7 ± 94.4	948.5 ± 21.4	912.8 ± 54.1	5160.2 ± 309.7	553.2 ± 35.1
SESE 50	2006	1340 ± 70	167.05 ± 2.82	55.05 ± 0.73	49.80 ± 1.32	327.50 ± 4.45	2.601 ± 0.131	3654.2 ± 178.4	2218.2 ± 62.7	754.3 ± 12.9	652.9 ± 32.7	3658.7 ± 182.4	396.4 ± 15.4
SESE 51	2010	1360 ± 50											

Sequoia sempervirens summary continued

Tree	Year	Age	Total dry mass (Mg)	Bark volume (m ³)	Sapwood volume (m ³)	Heartwood volume (m ³)	Dead volume (m ³)	Bark area (m ²)	Cambium area (m ²)	Heartwood area (m ²)	Leaf dry mass (kg)	Leaf area (m ²)	Millions of leaves
SESE 56	2010	—	0.001 ± 0.000	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.000	0.000 ± 0.000	1.1 ± 0.1	0.7 ± 0.0	0.0 ± 0.0	0.2 ± 0.0	1.2 ± 0.1	0.1 ± 0.0
SESE 57	2010	—	0.002 ± 0.000	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.000	0.000 ± 0.000	1.6 ± 0.1	1.1 ± 0.0	0.0 ± 0.0	0.3 ± 0.0	2.1 ± 0.2	0.2 ± 0.0
SESE 58	2010	—	0.039 ± 0.001	0.02 ± 0.00	0.04 ± 0.00	0.03 ± 0.000	0.000 ± 0.000	19.9 ± 1.4	10.4 ± 0.4	1.5 ± 0.0	5.5 ± 0.4	35.6 ± 2.7	4.9 ± 0.3
SESE 59	2010	—	0.049 ± 0.001	0.03 ± 0.00	0.07 ± 0.00	0.02 ± 0.000	0.000 ± 0.000	25.9 ± 1.9	14.0 ± 0.5	1.2 ± 0.0	5.8 ± 0.4	34.7 ± 2.7	5.7 ± 0.4
SESE 60	2011	500 ± 100	19.72 ± 0.56	14.09 ± 0.50	10.23 ± 0.37	29.17 ± 0.80	0.163 ± 0.028	1136.8 ± 114.8	701.1 ± 42.7	210.0 ± 7.5	223.0 ± 21.1	1269.2 ± 118.8	126.5 ± 11.5
SESE 61	2011	320 ± 10	24.34 ± 0.56	13.78 ± 0.41	12.34 ± 0.53	38.92 ± 0.80	0.095 ± 0.021	1181.3 ± 118.8	738.9 ± 44.8	222.4 ± 8.7	231.4 ± 22.1	1307.2 ± 124.6	127.8 ± 11.6
SESE 62	2012	510 ± 30	65.79 ± 1.36	34.93 ± 0.88	28.53 ± 1.22	112.91 ± 2.15	0.780 ± 0.065	2183.0 ± 215.7	1348.3 ± 80.3	423.9 ± 15.8	411.4 ± 39.1	2315.9 ± 219.8	233.2 ± 20.8
SESE 63	2009	830 ± 20	80.20 ± 1.75	25.89 ± 0.75	32.12 ± 1.37	148.39 ± 2.77	1.338 ± 0.095	2373.4 ± 240.0	1416.6 ± 89.0	493.6 ± 18.7	416.8 ± 42.5	2369.0 ± 240.4	248.4 ± 23.0
SESE 64	2012	950 ± 20	81.39 ± 1.86	50.33 ± 1.33	32.25 ± 1.46	137.75 ± 2.69	1.119 ± 0.098	2707.0 ± 281.8	1677.9 ± 107.2	498.2 ± 20.5	522.9 ± 52.3	2942.7 ± 293.4	297.4 ± 28.1
SESE 65	2007	690 ± 40	84.39 ± 1.73	32.63 ± 1.69	44.25 ± 2.62	148.43 ± 2.79	1.173 ± 0.090	2550.8 ± 248.5	1564.9 ± 91.5	501.3 ± 18.2	473.3 ± 44.5	2664.7 ± 249.7	271.5 ± 23.8
SESE 66	2006	1000 ± 100	84.87 ± 1.83	39.94 ± 1.67	31.67 ± 1.23	151.87 ± 3.65	1.146 ± 0.094	2635.3 ± 263.6	1628.5 ± 98.5	517.6 ± 20.6	501.4 ± 48.1	2820.5 ± 269.5	285.6 ± 25.8
SESE 67	2009	620 ± 30	90.24 ± 1.90	45.25 ± 1.31	38.30 ± 1.82	158.37 ± 2.97	1.312 ± 0.099	2658.0 ± 260.0	1629.4 ± 95.9	520.9 ± 19.0	491.6 ± 46.4	2766.8 ± 260.7	282.5 ± 24.9
SESE 68	2000	1300 ± 200	95.15 ± 2.19	46.54 ± 1.65	35.22 ± 1.32	167.90 ± 3.85	1.689 ± 0.141	3325.1 ± 349.0	2015.6 ± 131.7	581.3 ± 20.8	634.8 ± 64.5	3606.7 ± 364.1	375.8 ± 35.4
SESE 69	2010	1400 ± 200	96.27 ± 2.00	44.02 ± 1.64	34.92 ± 1.35	173.89 ± 3.95	1.488 ± 0.110	2959.9 ± 276.2	1803.3 ± 99.0	569.0 ± 21.2	552.5 ± 48.8	3122.7 ± 274.8	322.3 ± 26.6
SESE 70	2009	750 ± 10	115.77 ± 2.35	45.06 ± 1.31	36.06 ± 1.68	218.56 ± 4.10	1.808 ± 0.134	3111.5 ± 305.5	1910.6 ± 112.7	638.7 ± 23.6	579.9 ± 54.6	3260.1 ± 306.3	333.8 ± 29.5
SESE 71	2007	1000 ± 100	129.65 ± 2.68	51.65 ± 2.39	42.32 ± 1.62	244.45 ± 5.82	2.182 ± 0.157	3218.6 ± 323.8	1962.0 ± 120.3	680.3 ± 26.7	583.2 ± 57.3	3277.8 ± 321.3	338.6 ± 31.1
SESE 72	2001	900 ± 100	143.32 ± 2.91	56.52 ± 2.45	45.22 ± 1.72	271.26 ± 6.29	2.577 ± 0.179	3678.9 ± 343.5	2233.1 ± 122.7	729.1 ± 27.6	674.1 ± 59.8	3800.6 ± 335.9	396.1 ± 32.8
SESE 73	2001	900 ± 100	152.36 ± 3.95	69.59 ± 5.84	52.47 ± 2.06	274.48 ± 9.46	4.149 ± 0.345	4827.5 ± 521.7	2823.5 ± 195.7	881.9 ± 48.5	877.1 ± 94.3	5041.5 ± 535.6	550.0 ± 53.6
SESE 74	2009	1930 ± 60	157.67 ± 3.53	65.14 ± 4.08	52.01 ± 1.99	293.26 ± 8.14	3.868 ± 0.283	3934.6 ± 356.7	2384.8 ± 123.8	863.7 ± 39.1	698.1 ± 60.3	3966.6 ± 340.6	424.0 ± 33.7
SESE 75	2008	2000 ± 100	163.95 ± 4.10	69.26 ± 5.94	55.30 ± 2.17	302.32 ± 10.05	4.505 ± 0.359	4498.8 ± 477.9	2574.8 ± 176.3	929.5 ± 50.5	761.7 ± 82.7	4392.9 ± 470.7	489.9 ± 47.7
SESE 76	2001	1100 ± 100	168.30 ± 3.90	71.47 ± 4.43	54.00 ± 2.07	311.23 ± 8.71	4.193 ± 0.317	5111.6 ± 537.1	2998.9 ± 199.5	898.9 ± 41.5	928.9 ± 96.6	5327.7 ± 548.1	580.1 ± 54.7
SESE 77	2008	1000 ± 100	170.50 ± 3.40	63.55 ± 2.63	50.73 ± 1.90	327.81 ± 7.37	3.395 ± 0.225	4119.5 ± 377.7	2481.2 ± 132.8	825.5 ± 29.9	743.6 ± 64.6	4199.2 ± 363.2	442.8 ± 35.8
SESE 78	2012	920 ± 50	175.61 ± 3.38	68.17 ± 1.63	55.56 ± 2.35	333.49 ± 6.14	3.754 ± 0.243	4790.2 ± 451.5	2805.2 ± 158.5	899.0 ± 32.4	843.3 ± 76.9	4822.2 ± 435.9	526.2 ± 43.8
SESE 79	2002	1400 ± 200	218.49 ± 7.50	97.89 ± 16.17	76.10 ± 3.26	393.39 ± 21.10	8.396 ± 0.794	5407.4 ± 617.3	3060.5 ± 233.2	1336.9 ± 114.1	908.3 ± 108.3	5267.1 ± 617.3	597.9 ± 63.1
SESE 80	2013	2040 ± 150	227.32 ± 5.03	121.47 ± 3.03	51.82 ± 2.62	428.24 ± 7.98	5.010 ± 0.338	5173.9 ± 508.8	3155.0 ± 187.2	1000.5 ± 37.6	963.6 ± 91.2	5415.9 ± 511.3	566.6 ± 49.8
SESE 81	2003	1600 ± 100	227.91 ± 4.90	71.88 ± 3.51	59.36 ± 2.18	456.28 ± 10.43	4.960 ± 0.356	4397.6 ± 503.5	2609.3 ± 194.5	99.1 ± 36.4	740.8 ± 88.3	4174.6 ± 495.5	449.5 ± 49.4
SESE 82	2001	1200 ± 100	232.24 ± 4.80	81.04 ± 4.08	63.62 ± 2.41	454.00 ± 10.74	5.813 ± 0.388	5639.7 ± 562.6	3259.0 ± 201.8	1077.0 ± 43.7	965.0 ± 95.7	5535.2 ± 543.4	615.6 ± 55.2
SESE 83	2003	1500 ± 100	238.87 ± 5.07	74.47 ± 3.62	60.82 ± 2.23	479.69 ± 10.92	5.294 ± 0.373	5483.9 ± 506.2	2726.8 ± 192.8	1022.9 ± 37.3	779.6 ± 88.1	4391.0 ± 494.1	471.8 ± 49.4
SESE 84	2001	1400 ± 200	244.87 ± 5.14	84.70 ± 4.61	65.98 ± 2.52	479.83 ± 11.64	6.316 ± 0.426	5470.8 ± 500.8	3216.1 ± 173.2	1126.3 ± 47.8	956.6 ± 83.8	5445.6 ± 473.6	594.1 ± 47.8
SESE 85	2012	1400 ± 100	256.77 ± 8.95	114.17 ± 19.48	85.60 ± 3.73	464.43 ± 25.29	10.197 ± 0.963	7262.8 ± 936.6	4049.0 ± 369.0	1522.5 ± 135.9	1229.0 ± 170.1	7187.0 ± 971.3	831.0 ± 99.8
SESE 86	2001	1300 ± 100	260.75 ± 6.27	95.91 ± 8.25	72.75 ± 2.91	502.54 ± 15.37	7.690 ± 0.578	6592.9 ± 700.2	3783.9 ± 258.1	1264.1 ± 70.8	1140.7 ± 122.5	6574.8 ± 696.9	737.6 ± 70.9
SESE 87	2001	1400 ± 100	262.31 ± 5.24	85.84 ± 3.83	66.20 ± 2.46	521.68 ± 11.65	6.475 ± 0.417	5887.0 ± 538.8	3456.1 ± 186.3	1136.1 ± 42.5	1030.8 ± 90.3	5871.0 ± 510.7	642.4 ± 51.6
SESE 88	2012	2510 ± 110	263.13 ± 5.39	123.21 ± 3.84	44.66 ± 3.00	516.18 ± 9.68	6.657 ± 0.450	5211.1 ± 539.3	2482.6 ± 149.2	1079.1 ± 41.8	727.4 ± 70.4	4143.4 ± 397.8	450.1 ± 39.7
SESE 89	2003	1500 ± 100	281.38 ± 5.84	91.57 ± 4.89	70.37 ± 2.68	560.12 ± 13.24	7.421 ± 0.492	6403.5 ± 630.8	3702.3 ± 224.8	1226.7 ± 51.4	1098.1 ± 107.0	6292.3 ± 607.1	701.3 ± 61.8
SESE 90	2003	1700 ± 100	318.08 ± 9.80	120.69 ± 18.59	92.67 ± 4.00	605.36 ± 26.77	11.833 ± 1.034	7004.4 ± 824.4	3928.6 ± 314.2	1677.6 ± 136.0	1150.2 ± 144.3	6675.9 ± 822.0	770.4 ± 84.6
SESE 91	2011	1210 ± 120	347.01 ± 9.48	122.06 ± 8.52	125.65 ± 8.22	650.28 ± 14.45	13.212 ± 1.149	8082.7 ± 911.6	4607.3 ± 344.3	1415.2 ± 64.5	1398.9 ± 162.5	8087.2 ± 925.2	916.4 ± 94.2
SESE 92	2002	1700 ± 100	350.79 ± 7.49	101.01 ± 5.81	77.68 ± 2.97	717.36 ± 16.77	9.767 ± 0.662	6504.1 ± 661.4	3777.1 ± 239.4	1424.2 ± 61.0	1089.4 ± 110.9	6200.5 ± 625.8	690.4 ± 64.2
SESE 93	2007	1930 ± 40	354.66 ± 7.22	120.70 ± 4.96	35.99 ± 3.46	745.04 ± 14.10	8.508 ± 0.597	5875.6 ± 626.7	3534.2 ± 235.3	1318.6 ± 52.6	1021.1 ± 107.9	5714.4 ± 601.9	610.8 ± 61.0
SESE 94	2000	2000 ± 200	369.48 ± 8.26	110.67 ± 8.39	83.13 ± 3.32	749.52 ± 19.61	11.032 ± 0.771	7302.3 ± 729.6	4206.2 ± 261.0	1544.2 ± 78.9	1232.8 ± 122.8	7057.5 ± 695.9	793.2 ± 71.4
SESE 95	1999	1700 ± 100	372.23 ± 10.04	125.61 ± 15.83	93.93 ± 3.99	733.21 ± 26.25	12.861 ± 1.027	7615.6 ± 801.4	4347.7 ± 293.1	1744.9 ± 123.7	1285.0 ± 137.5	7396.5 ± 781.9	838.8 ± 80.2
SESE 96	1999	2300 ± 200	410.49 ± 10.82	131.59 ± 16.31	97.21 ± 4.15	819.31 ± 28.12	14.190 ± 1.111	8217.7 ± 881.4	4672.4 ± 324.6	1849.3 ± 129.3	1377.0 ± 151.6	7935.3 ± 861.9	905.4 ± 88.6
SESE 97	2001	1800 ± 100	424.82 ± 13.01	150.59 ± 24.46	109.39 ± 4.87	826.22 ± 35.82	16.450 ± 1.409	9838.2 ± 1239.3	5467.4 ± 483.7	2085.9 ± 177.9	1636.2 ± 222.5	9549.1 ± 1269.6	1115.6 ± 130.9

Characteristics of 42 of 97 SESE trees included in Sillett *et al.* 2015. Values given as estimate ± one standard error. Ages rounded to nearest decade for cored trees and to nearest century for trees not cored (values in italics).

Below are crown structures and vital statistics for SESE trees 1-55 and 60-97. Each tree depicted with scale model showing main trunk, segments, branches, and dead regions from view angle best illustrating individuality. Main trunks and segments portrayed as cylinders with thickness equal to basal diameter, except partially mapped trees (i.e., SESE 60-97). Click tree in table to view model then click tree model to rotate and pan in three dimensions.

SESE 1

Minimum age (years): 110

Total dry mass (Mg): 3

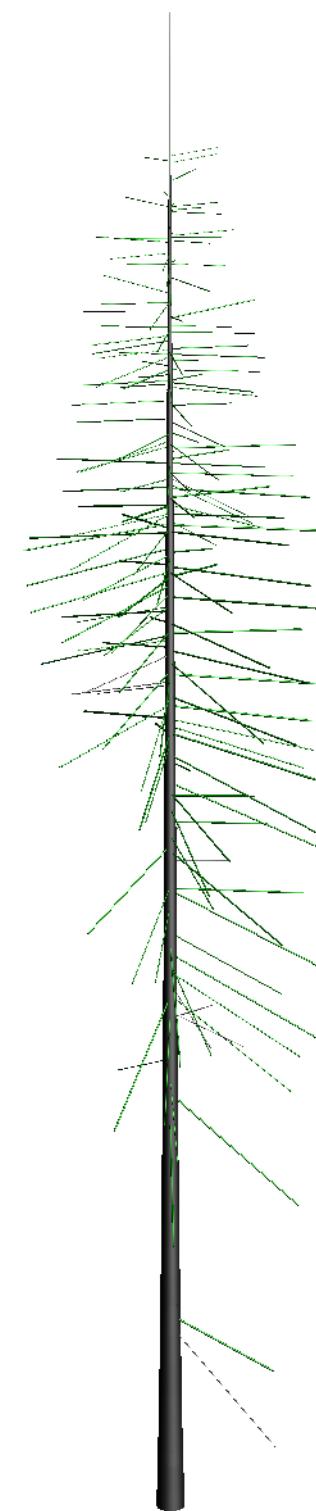
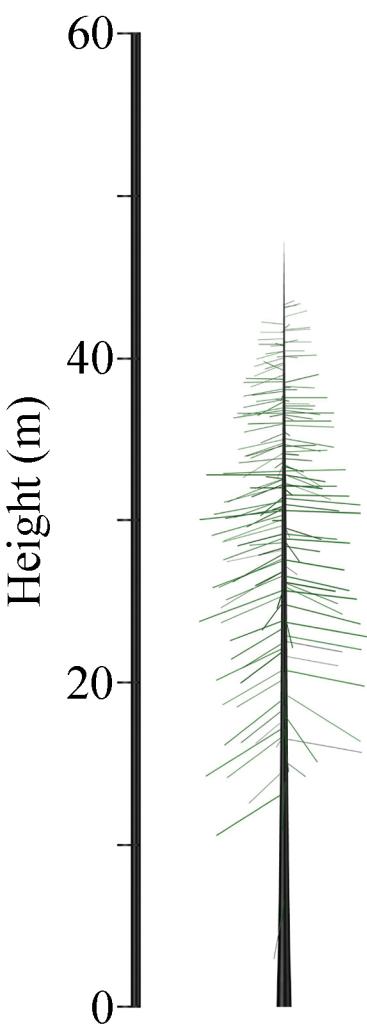
Cambium (m^2): 257

Leaf mass (kg): 84

Leaf area (m^2): 510

Millions of leaves: 43.4

 Trunk  Segments
 Branches  Dead



SESE 2

Minimum age (years): 167

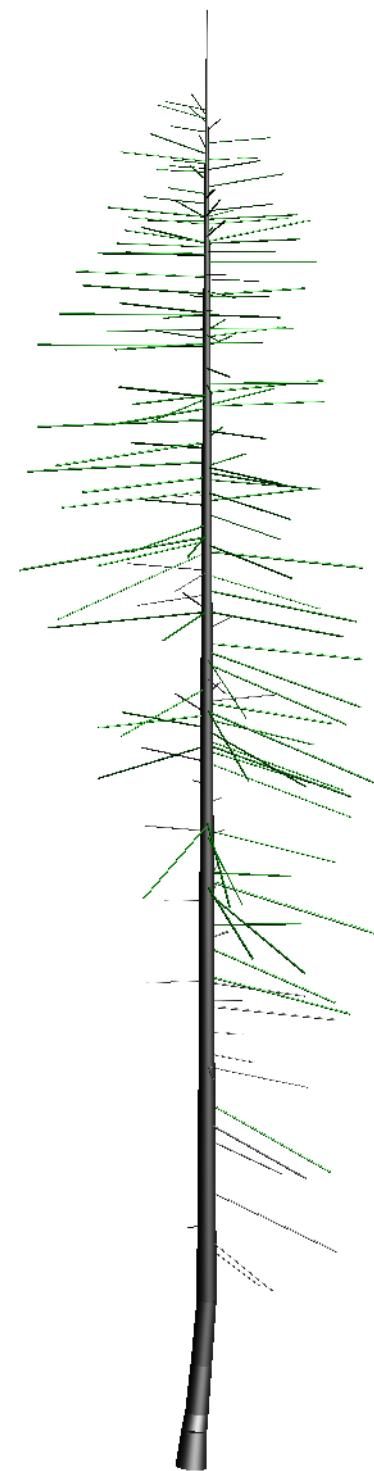
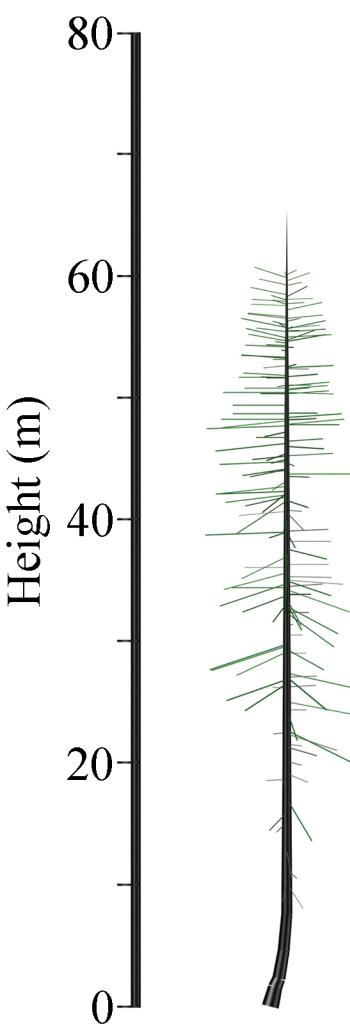
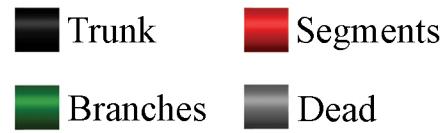
Total dry mass (Mg): 9

Cambium (m^2): 463

Leaf mass (kg): 157

Leaf area (m^2): 914

Millions of leaves: 76.2



SESE 3

Minimum age (years): 190

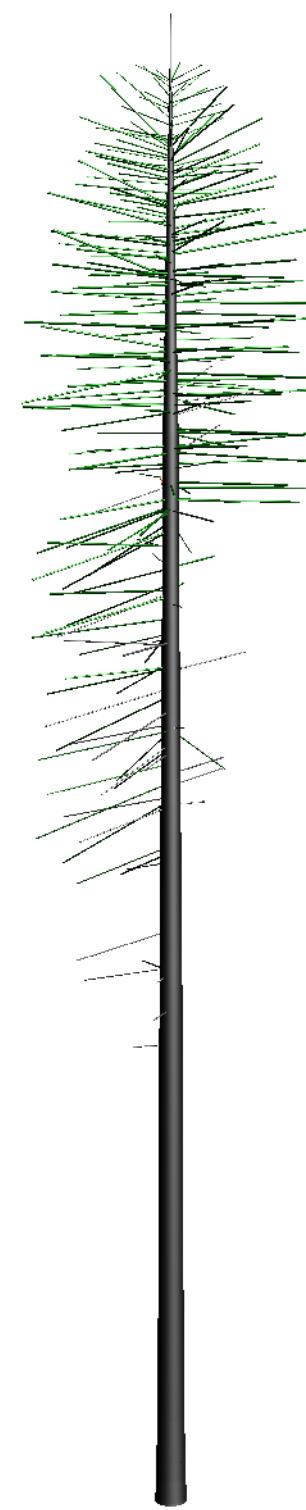
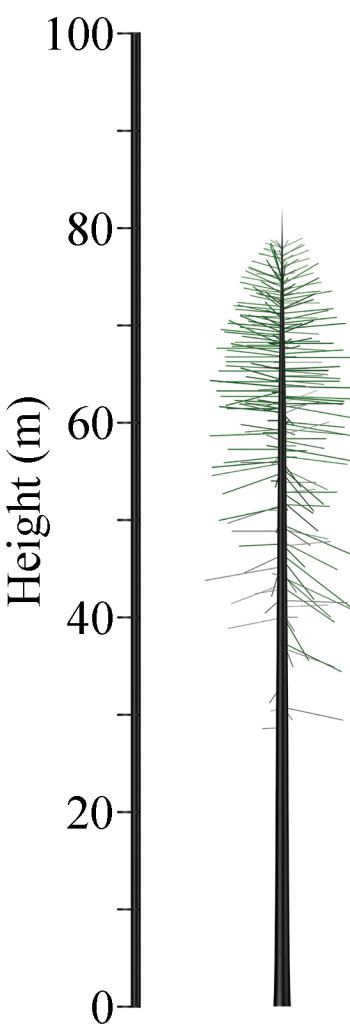
Total dry mass (Mg): 30

Cambium (m^2): 1071

Leaf mass (kg): 357

Leaf area (m^2): 2035

Millions of leaves: 185.4



SESE 4

Minimum age (years): 200

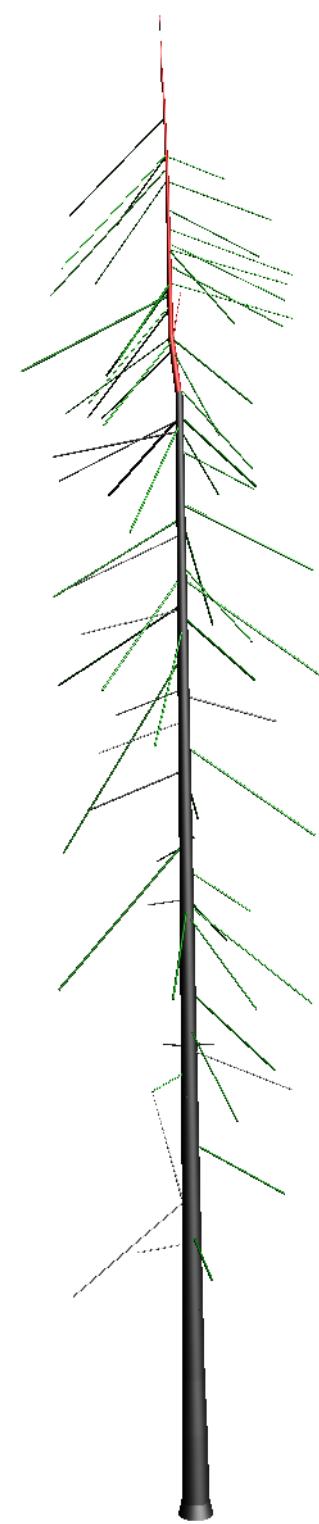
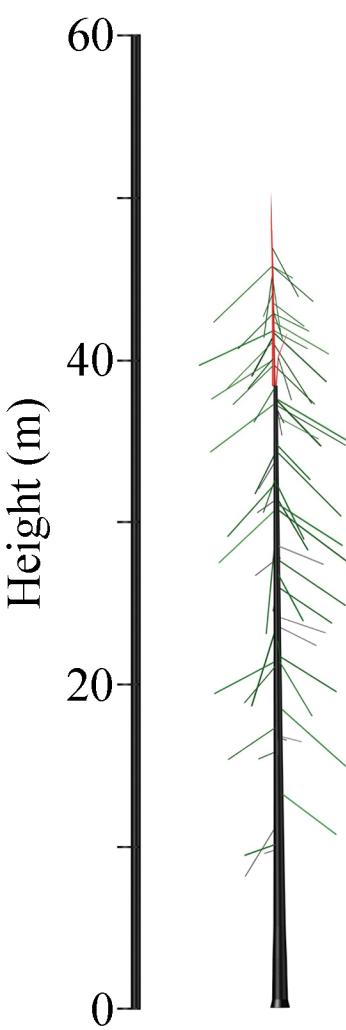
Total dry mass (Mg): 4

Cambium (m^2): 185

Leaf mass (kg): 56

Leaf area (m^2): 333

Millions of leaves: 33.8



SESE 5

Minimum age (years): 210

Total dry mass (Mg): 8

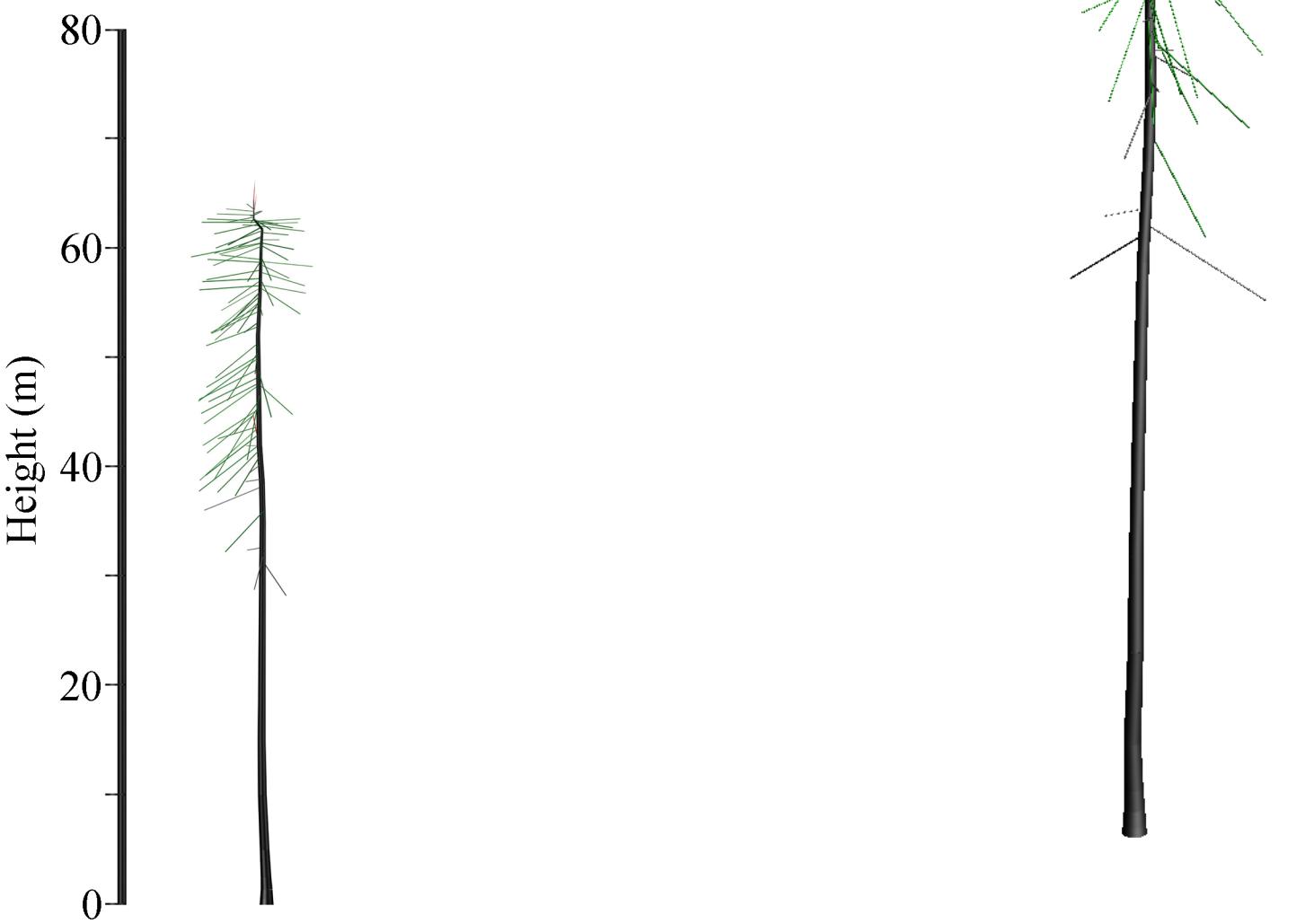
Cambium (m^2): 302

Leaf mass (kg): 87

Leaf area (m^2): 510

Millions of leaves: 45.5

 Trunk  Segments
 Branches  Dead



SESE 6

Minimum age (years): 230

Total dry mass (Mg): 0.7

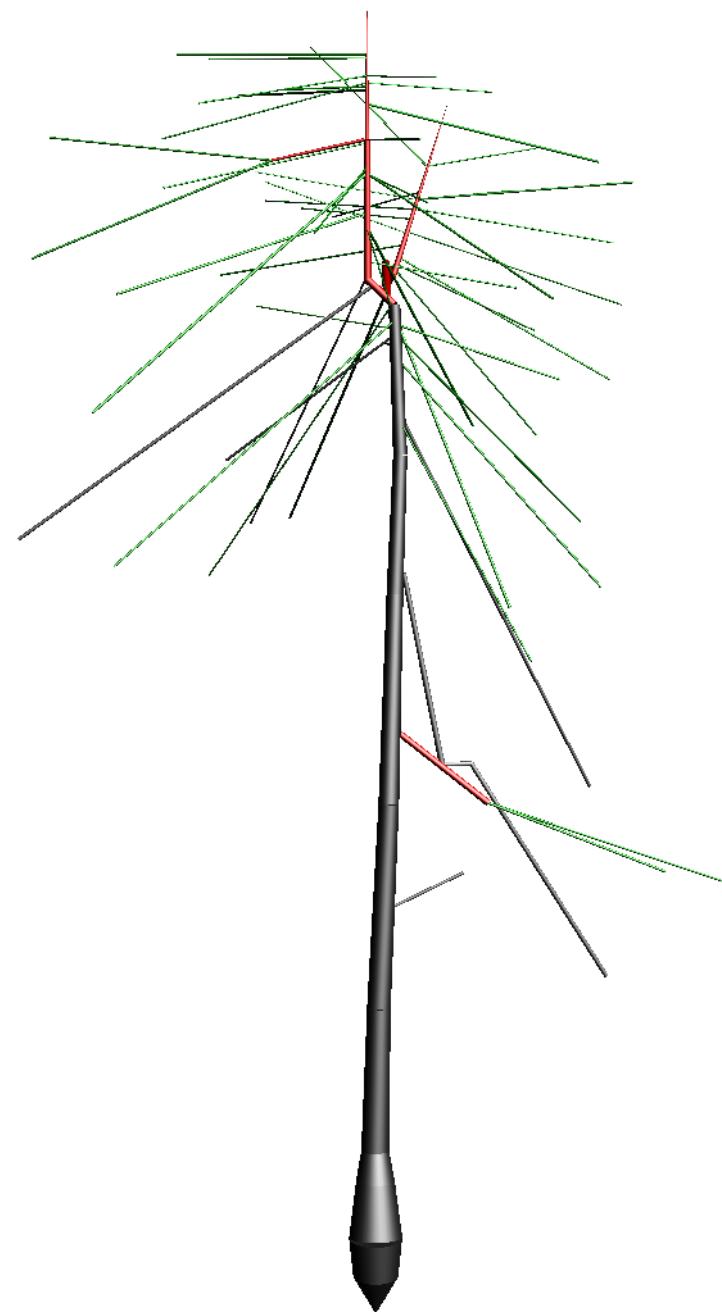
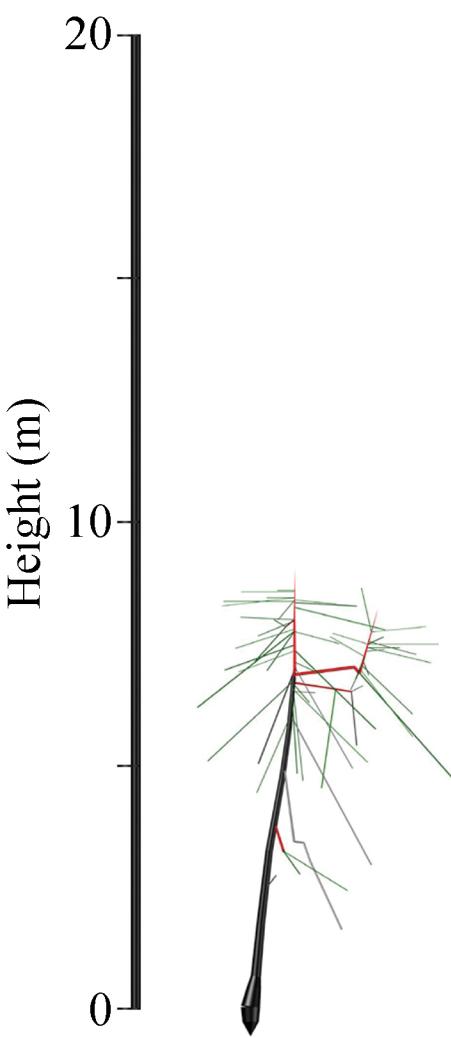
Cambium (m^2): 68

Leaf mass (kg): 15

Leaf area (m^2): 91

Millions of leaves: 19.6

 Trunk  Segments
 Branches  Dead



SESE 7

Minimum age (years): 250

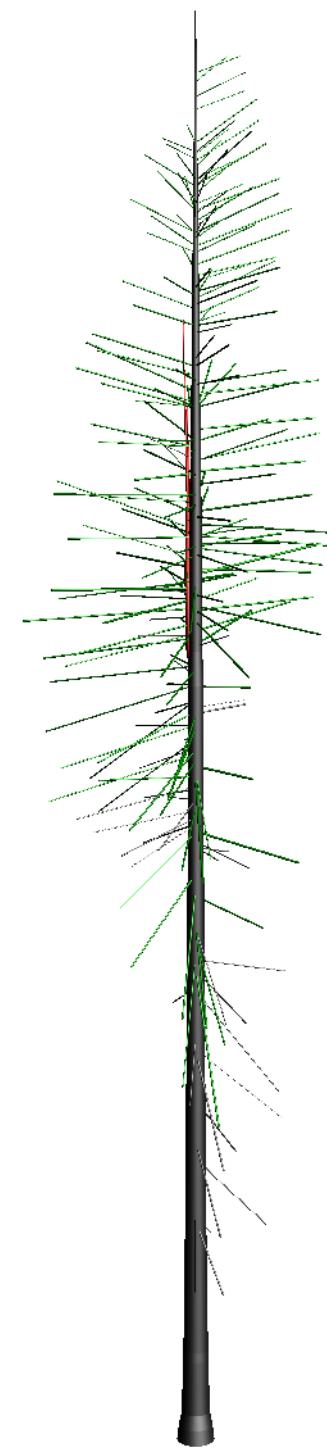
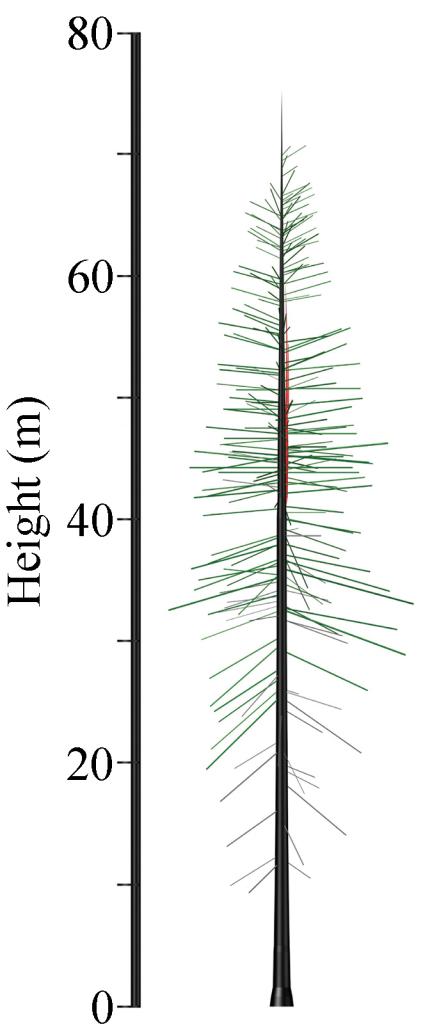
Total dry mass (Mg): 17

Cambium (m^2): 805

Leaf mass (kg): 272

Leaf area (m^2): 1562

Millions of leaves: 136.9



SESE 8

Minimum age (years): 290

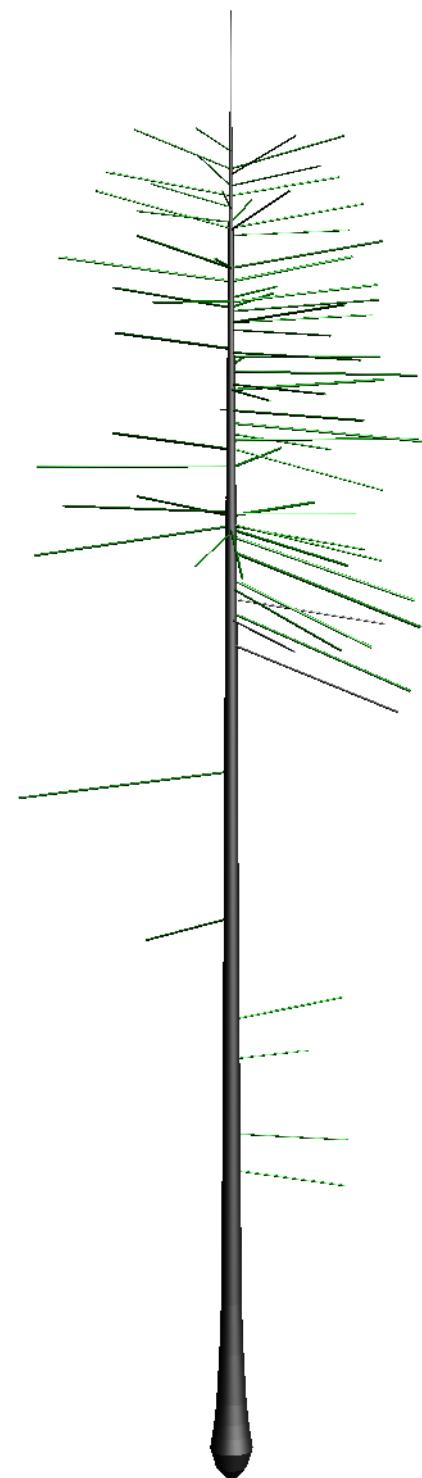
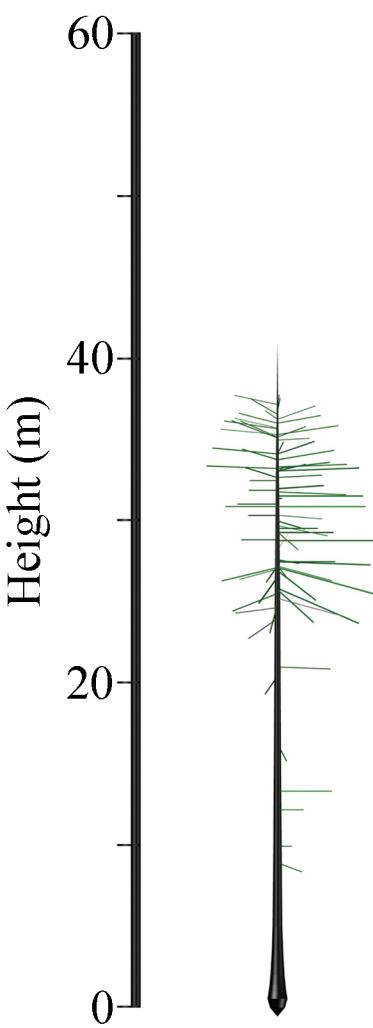
Total dry mass (Mg): 3

Cambium (m^2): 182

Leaf mass (kg): 67

Leaf area (m^2): 399

Millions of leaves: 33.3



SESE 9

Minimum age (years): 290

Total dry mass (Mg): 4

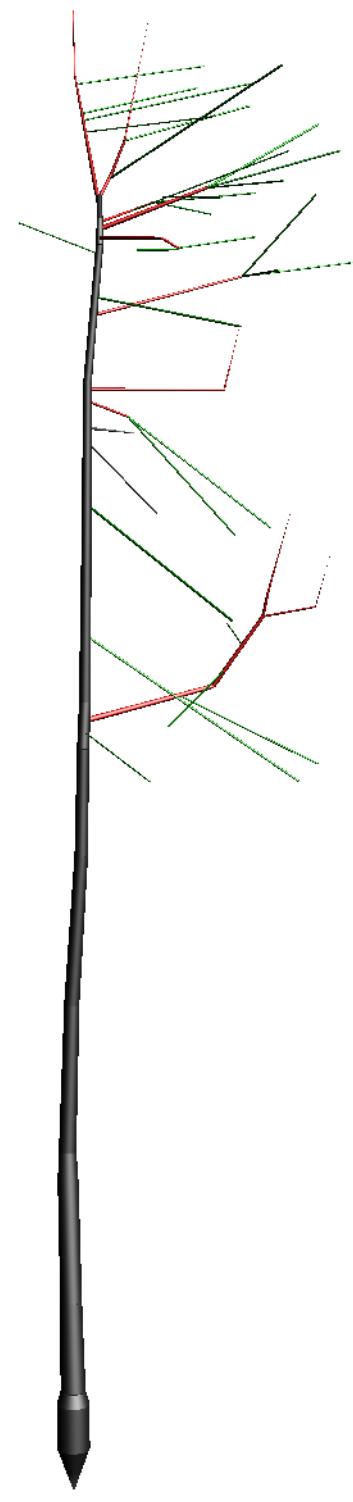
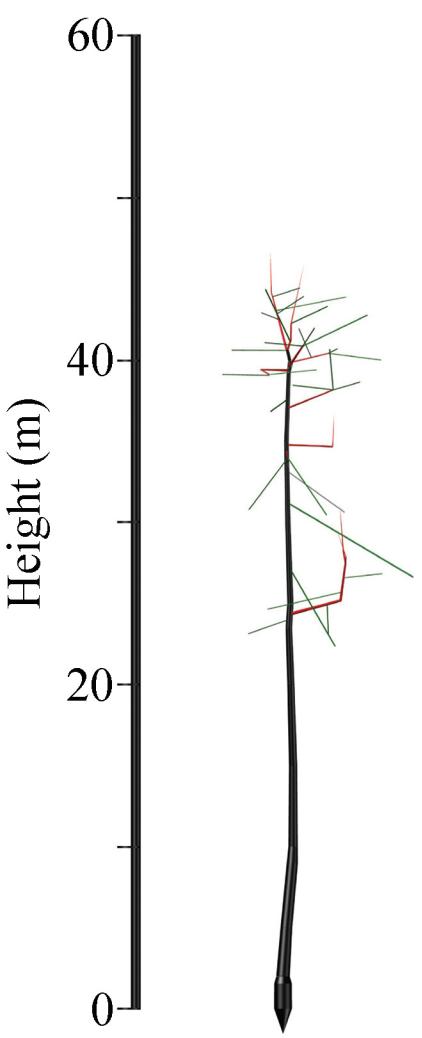
Cambium (m^2): 133

Leaf mass (kg): 31

Leaf area (m^2): 186

Millions of leaves: 24.9

 Trunk  Segments
 Branches  Dead



SESE 10

Minimum age (years): 330

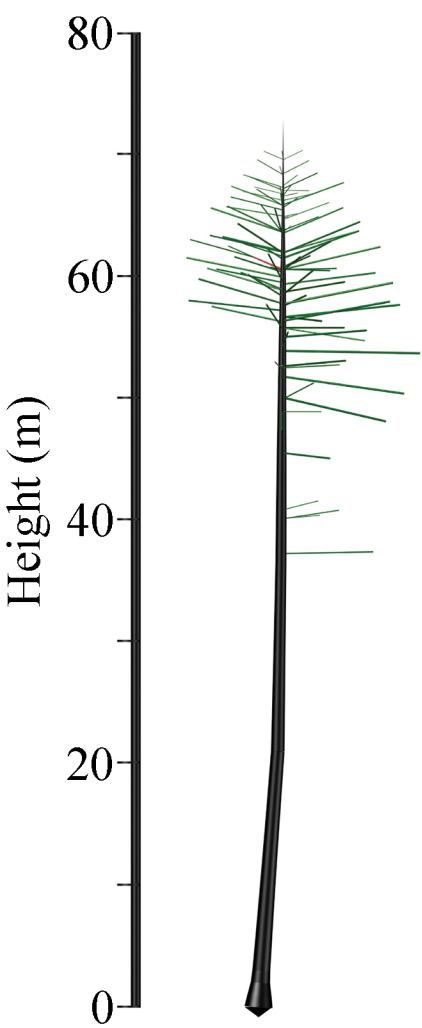
Total dry mass (Mg): 22

Cambium (m^2): 703

Leaf mass (kg): 216

Leaf area (m^2): 1220

Millions of leaves: 115.2



SESE 11

Minimum age (years): 332

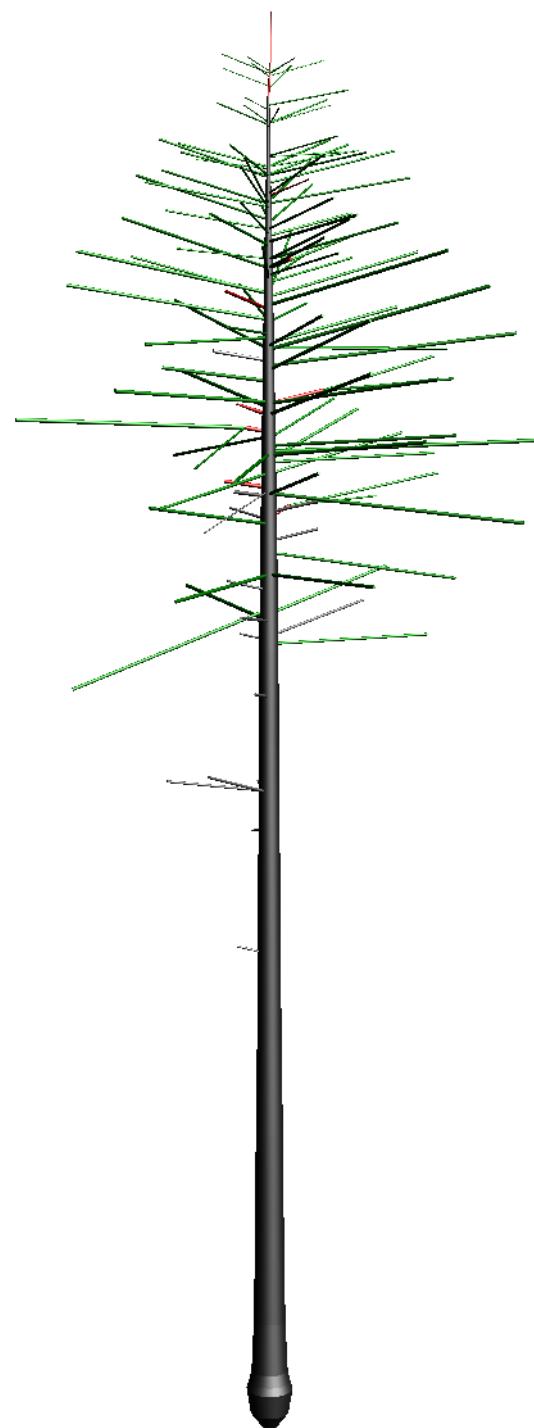
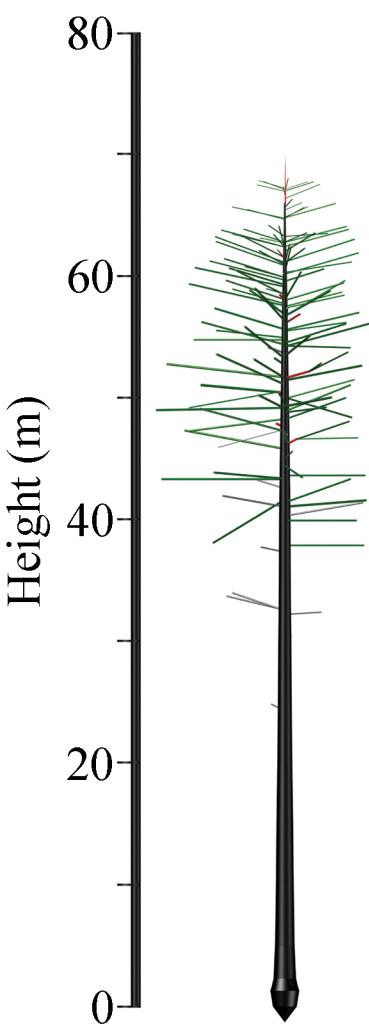
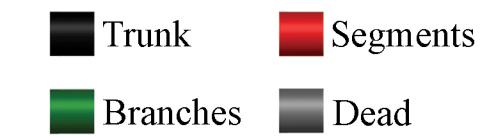
Total dry mass (Mg): 28

Cambium (m^2): 1002

Leaf mass (kg): 327

Leaf area (m^2): 1826

Millions of leaves: 183.4



SESE 12

Minimum age (years): 336

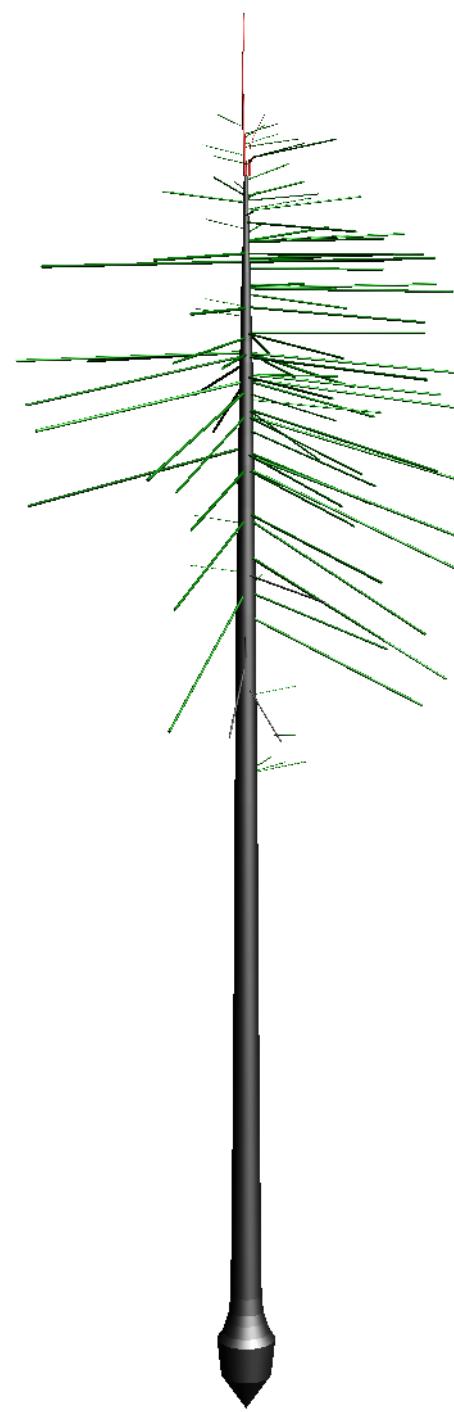
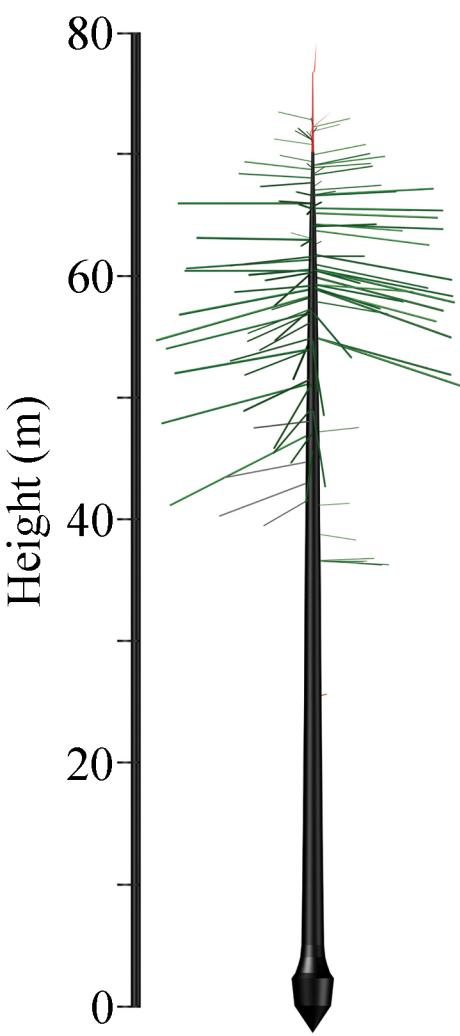
Total dry mass (Mg): 48

Cambium (m^2): 1013

Leaf mass (kg): 303

Leaf area (m^2): 1706

Millions of leaves: 170.5



SESE 13

Minimum age (years): 340

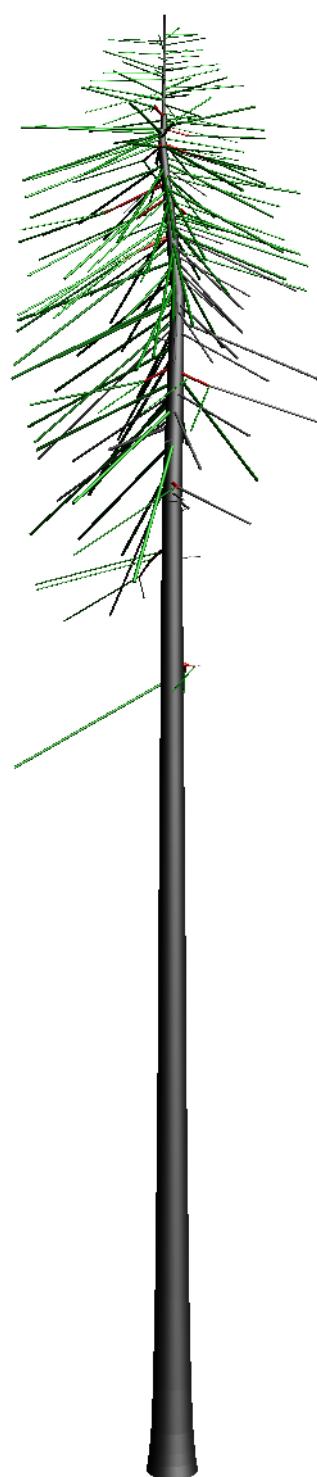
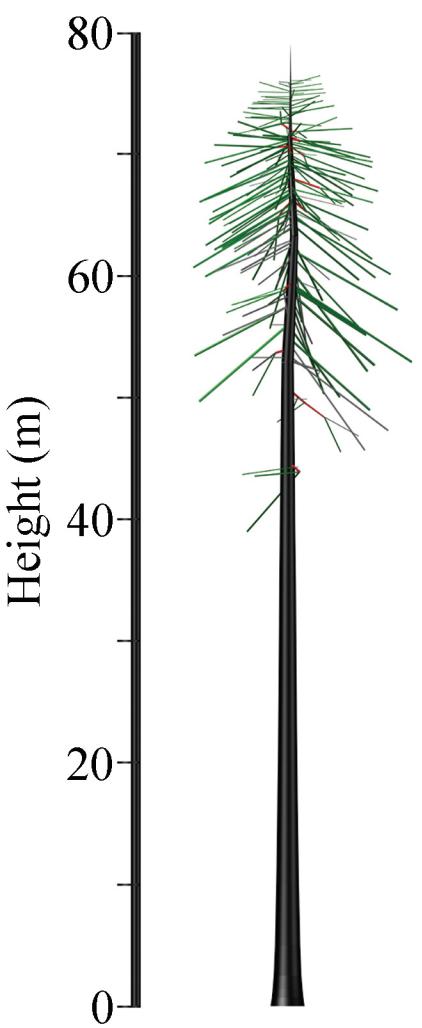
Total dry mass (Mg): 45

Cambium (m^2): 1198

Leaf mass (kg): 382

Leaf area (m^2): 2152

Millions of leaves: 208.1



SESE 14

Minimum age (years): 350

Total dry mass (Mg): 18

Cambium (m^2): 608

Leaf mass (kg): 188

Leaf area (m^2): 1070

Millions of leaves: 679.8



SESE 15

Minimum age (years): 350

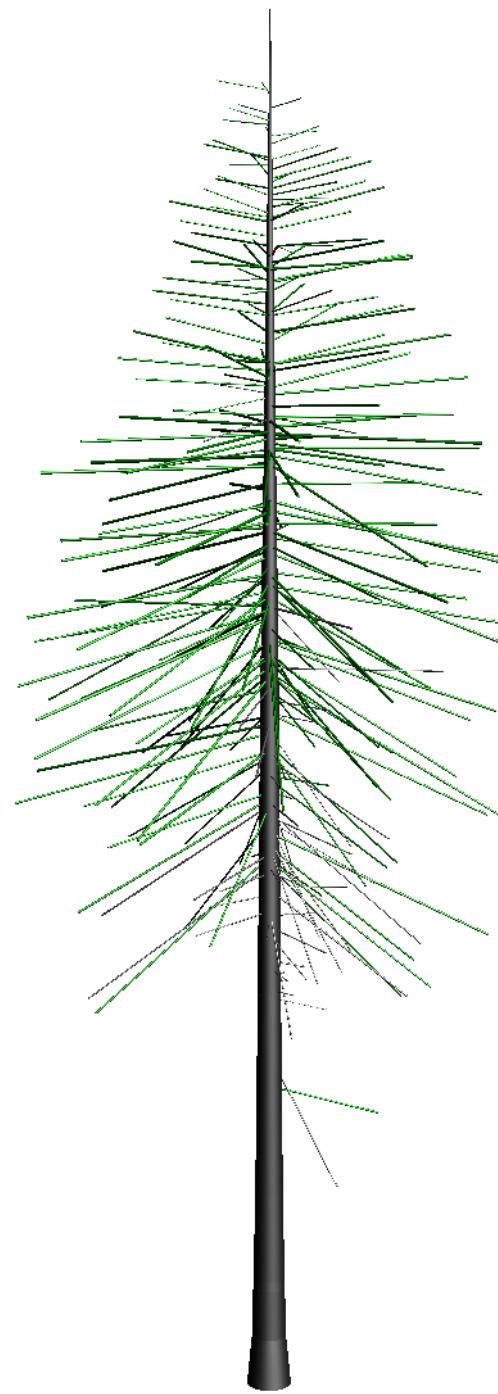
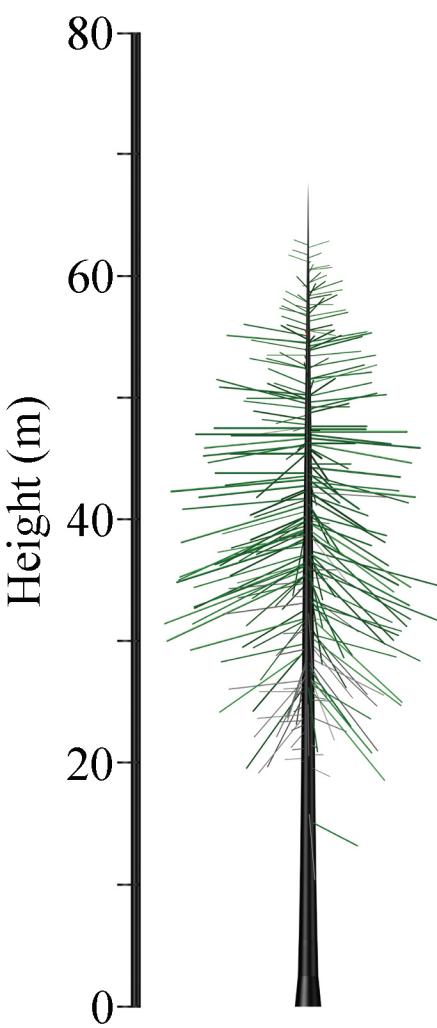
Total dry mass (Mg): 23

Cambium (m^2): 1223

Leaf mass (kg): 443

Leaf area (m^2): 2501

Millions of leaves: 220.2



SESE 16

Minimum age (years): 360

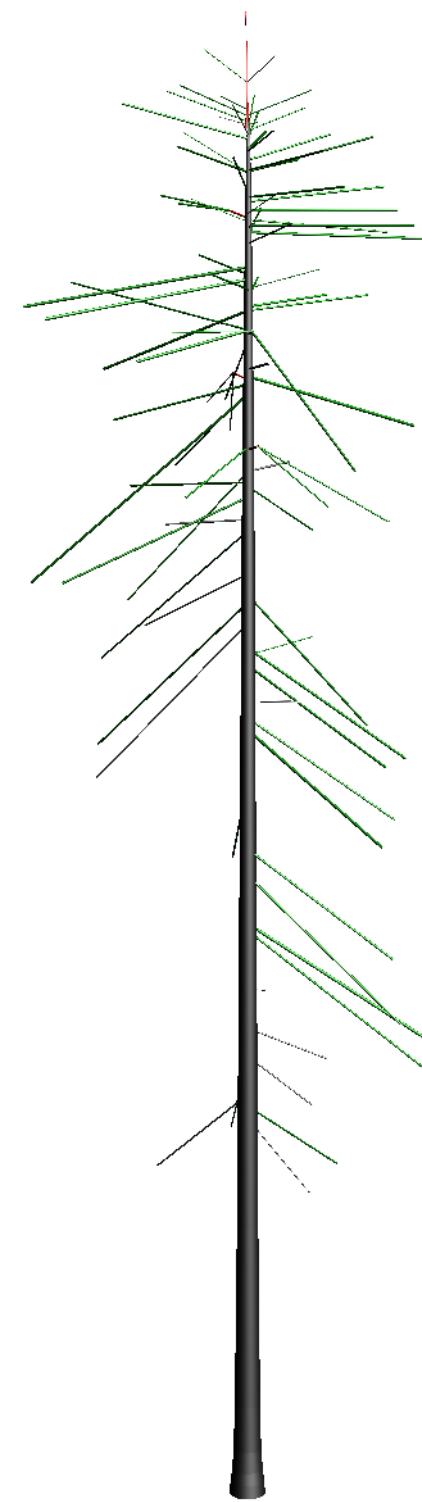
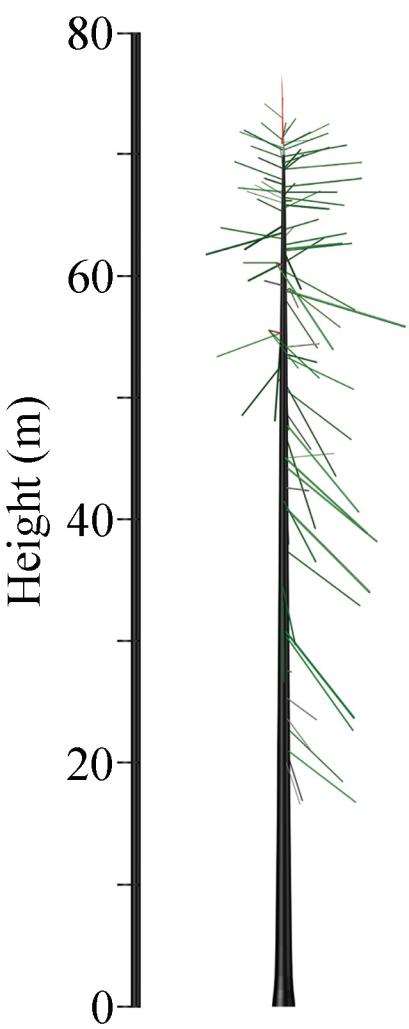
Total dry mass (Mg): 18

Cambium (m^2): 556

Leaf mass (kg): 165

Leaf area (m^2): 934

Millions of leaves: 86.7



SESE 17

Minimum age (years): 370

Total dry mass (Mg): 16

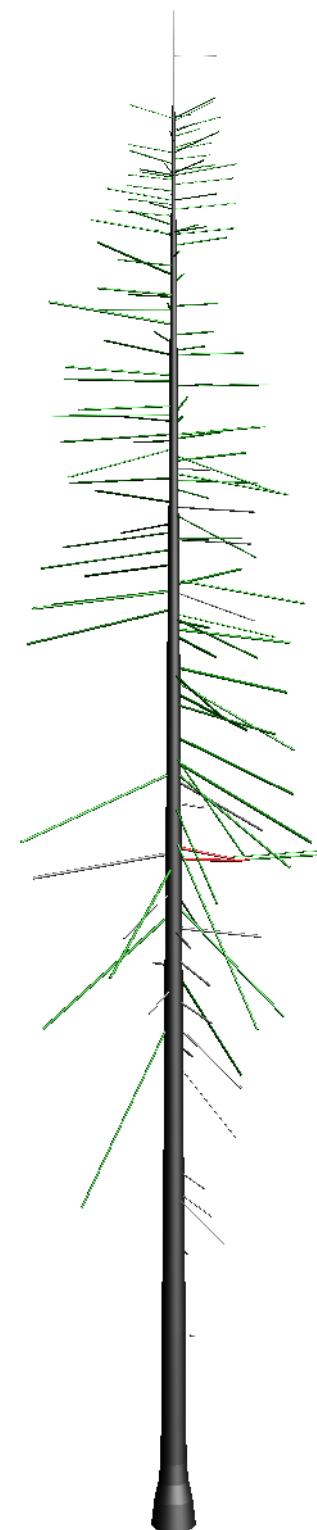
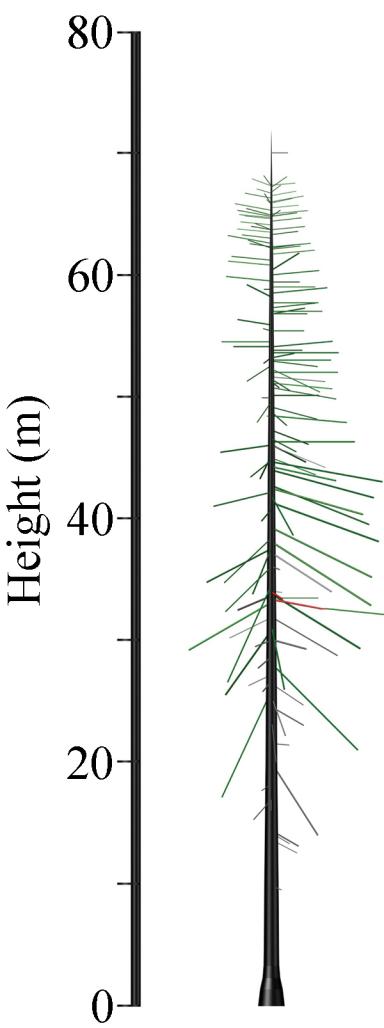
Cambium (m^2): 603

Leaf mass (kg): 195

Leaf area (m^2): 1115

Millions of leaves: 99.1

 Trunk  Segments
 Branches  Dead



SESE 18

Minimum age (years): 375

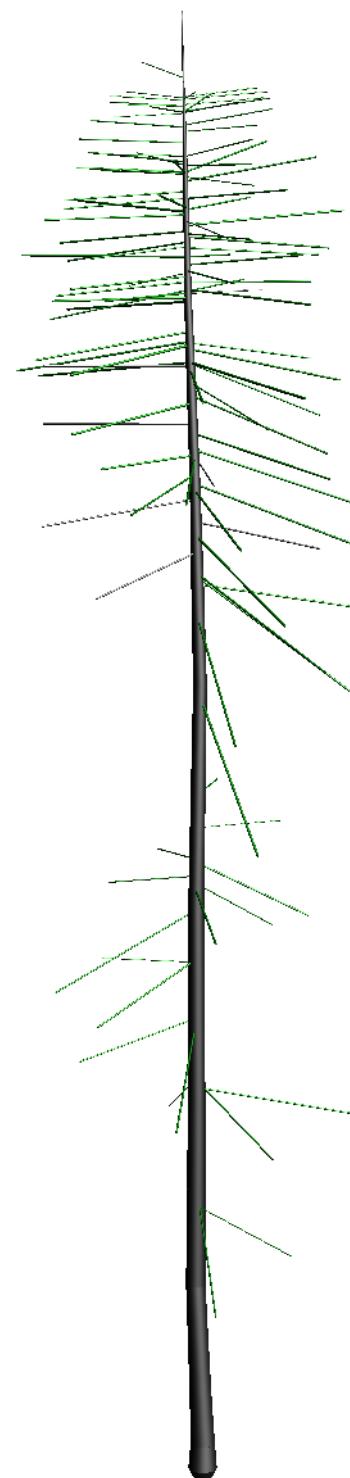
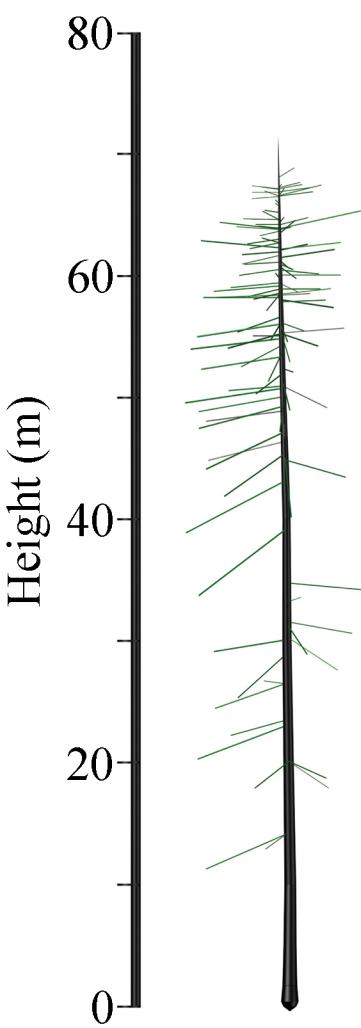
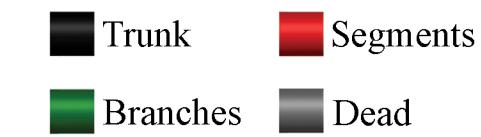
Total dry mass (Mg): 12

Cambium (m^2): 497

Leaf mass (kg): 155

Leaf area (m^2): 889

Millions of leaves: 79.9



SESE 19

Minimum age (years): 390

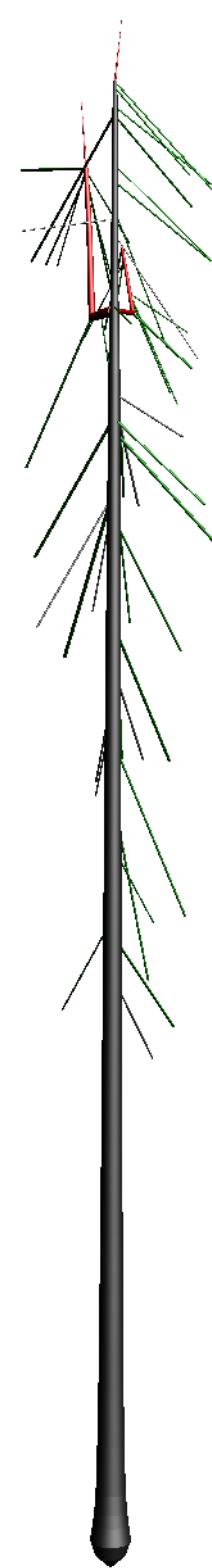
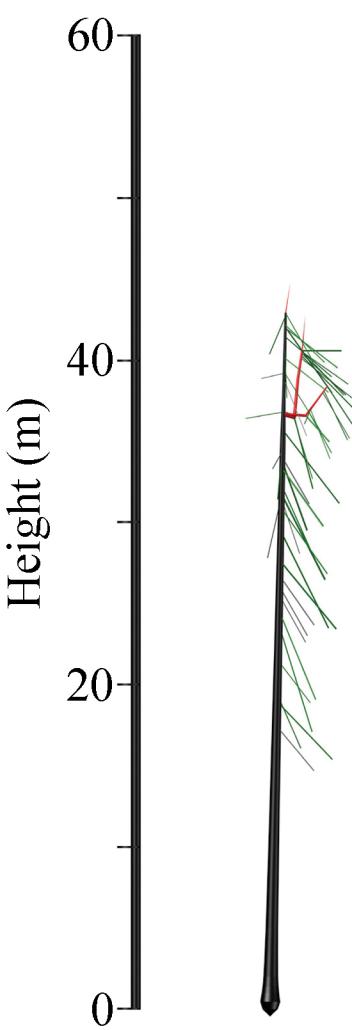
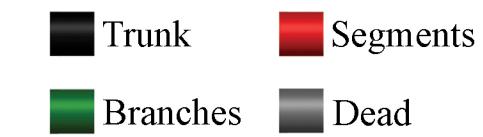
Total dry mass (Mg): 4

Cambium (m^2): 151

Leaf mass (kg): 41

Leaf area (m^2): 245

Millions of leaves: 26.1



SESE 20

Minimum age (years): 400

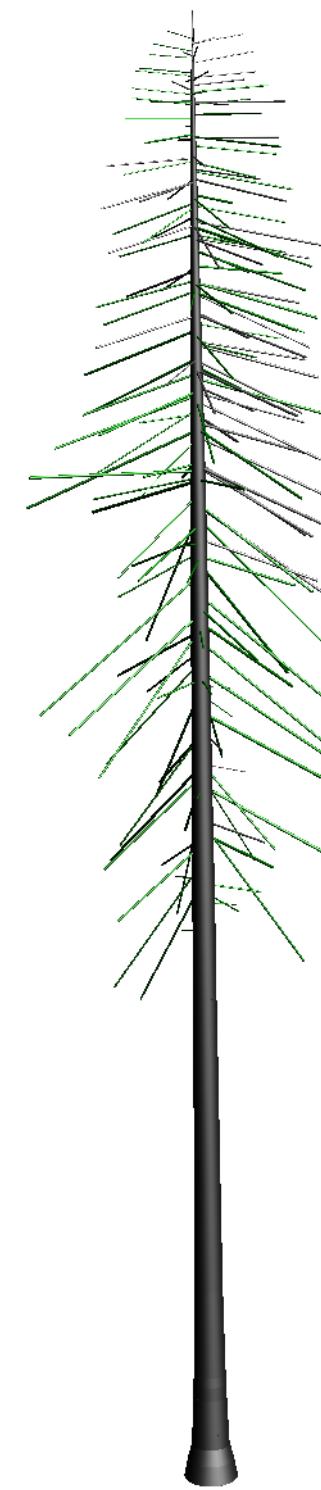
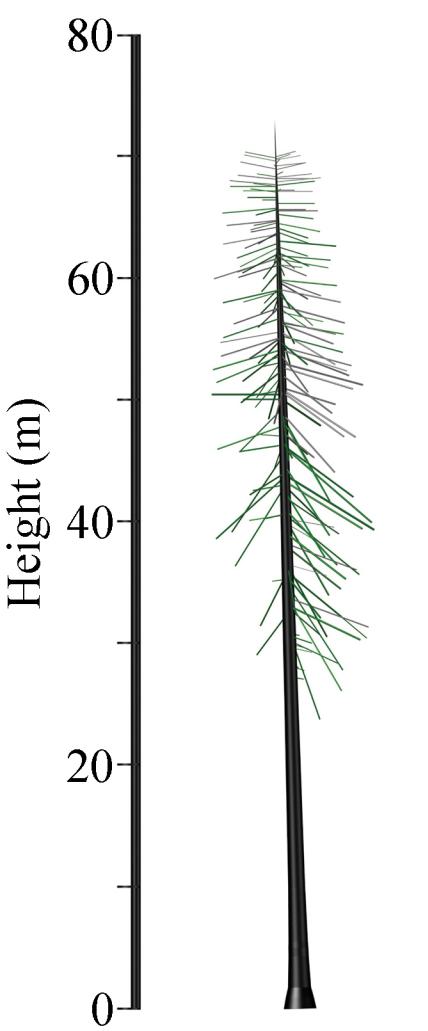
Total dry mass (Mg): 26

Cambium (m^2): 901

Leaf mass (kg): 296

Leaf area (m^2): 1674

Millions of leaves: 152.5



SESE 21

Minimum age (years): 410

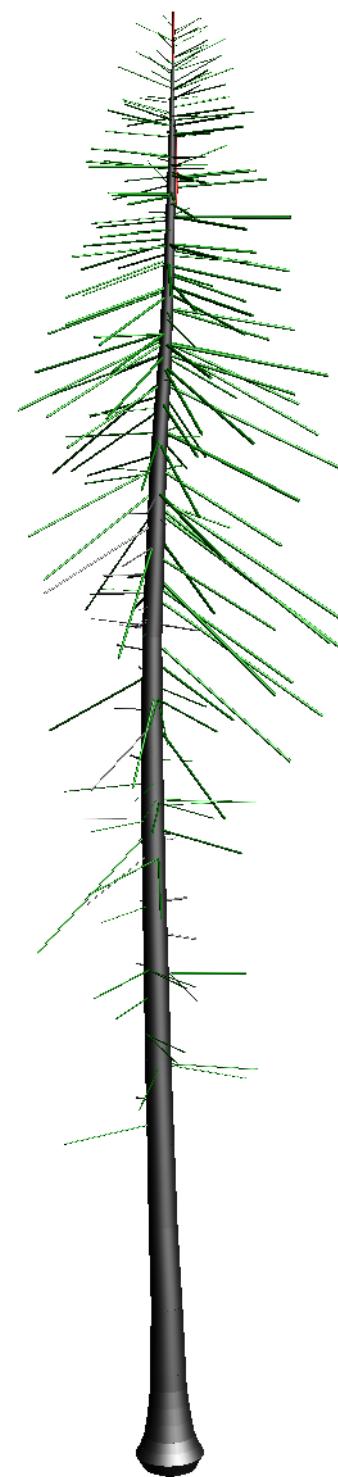
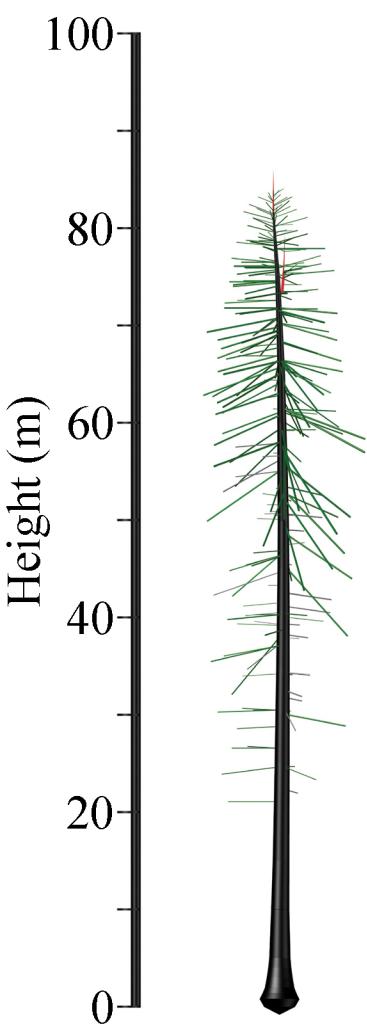
Total dry mass (Mg): 56

Cambium (m^2): 1633

Leaf mass (kg): 546

Leaf area (m^2): 3069

Millions of leaves: 298.0



SESE 22

Minimum age (years): 450

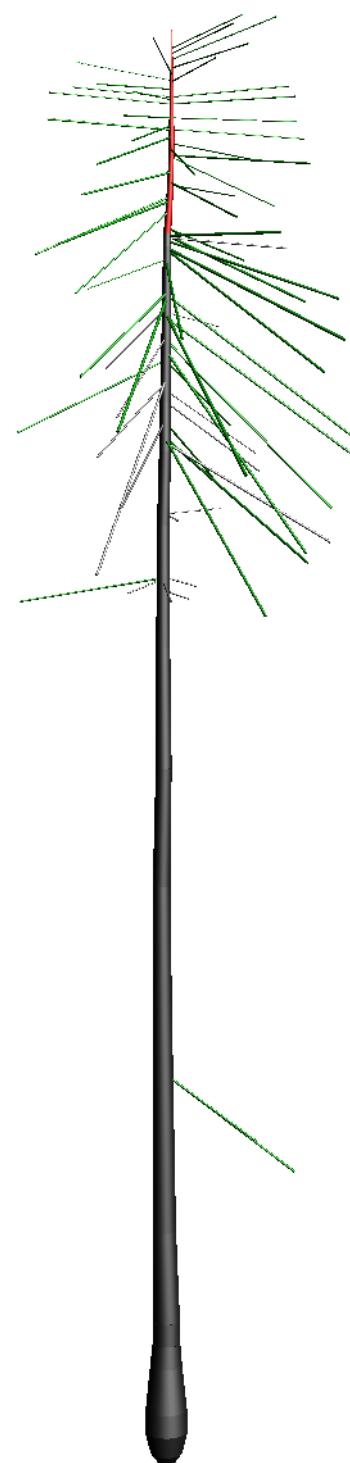
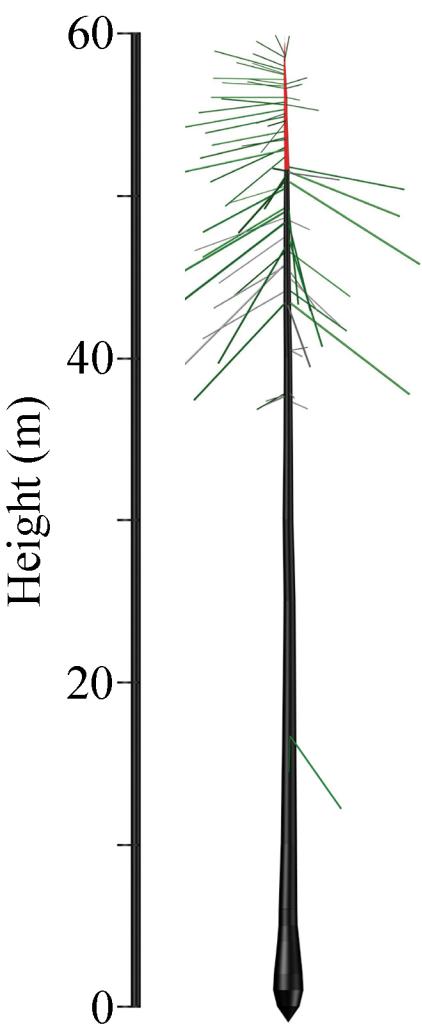
Total dry mass (Mg): 11

Cambium (m^2): 295

Leaf mass (kg): 79

Leaf area (m^2): 455

Millions of leaves: 39.4



SESE 23

Minimum age (years): 480

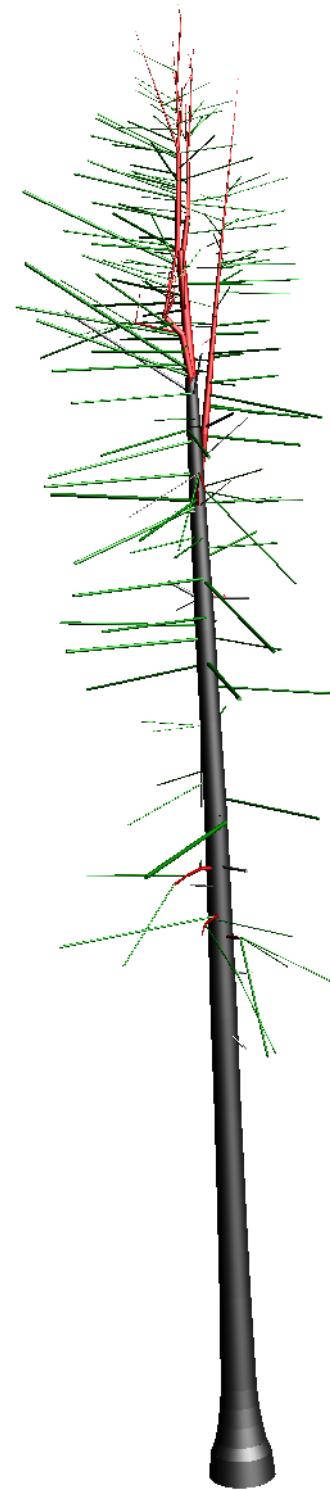
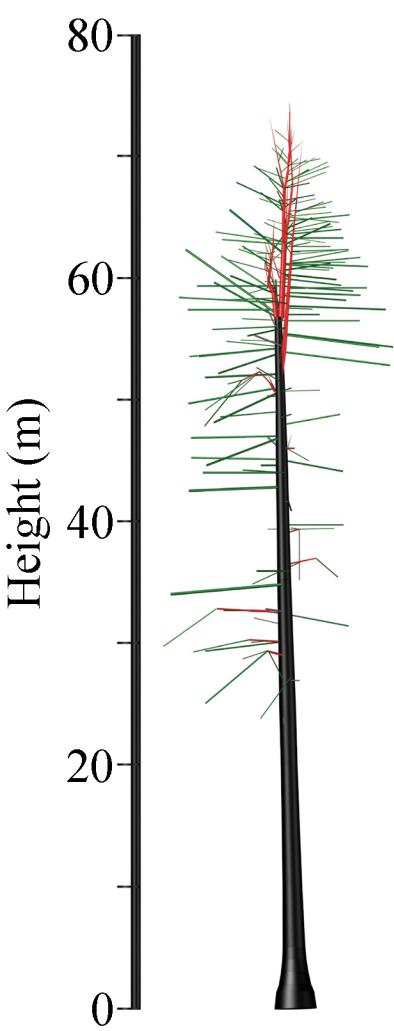
Total dry mass (Mg): 37

Cambium (m^2): 1068

Leaf mass (kg): 350

Leaf area (m^2): 2008

Millions of leaves: 208.4



SESE 24

Minimum age (years): 500

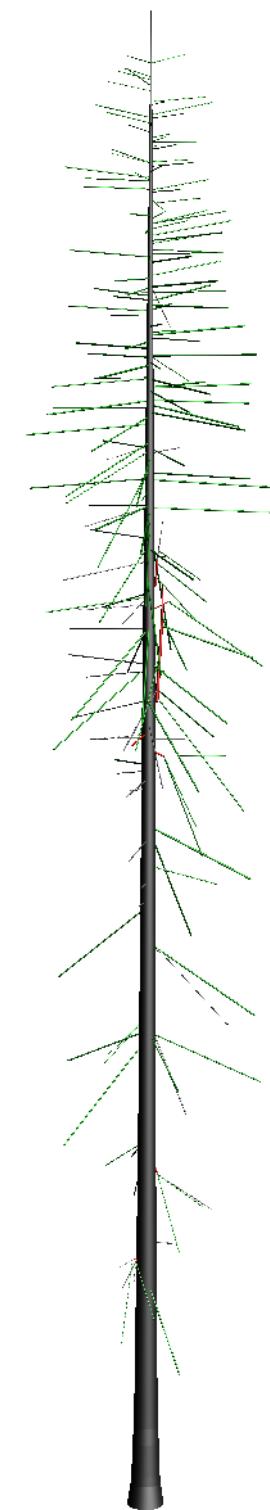
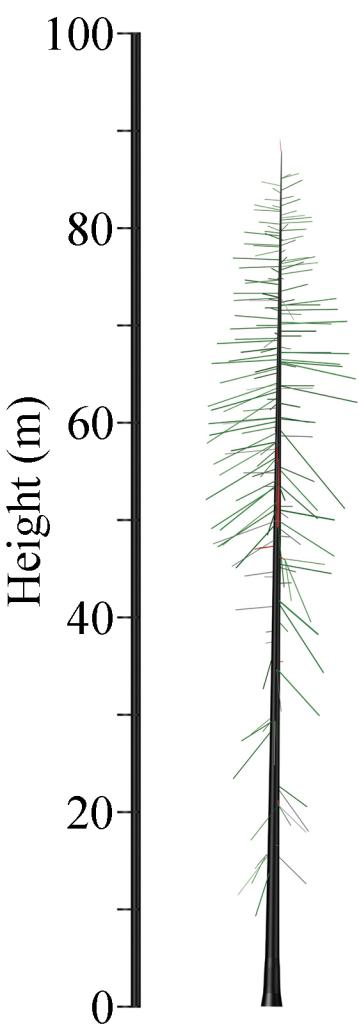
Total dry mass (Mg): 22

Cambium (m^2): 636

Leaf mass (kg): 192

Leaf area (m^2): 1108

Millions of leaves: 104.3



SESE 25

Minimum age (years): 520

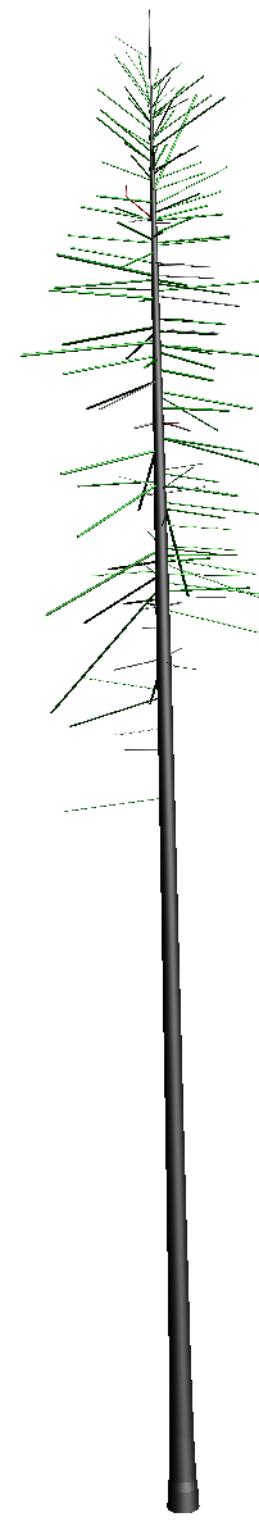
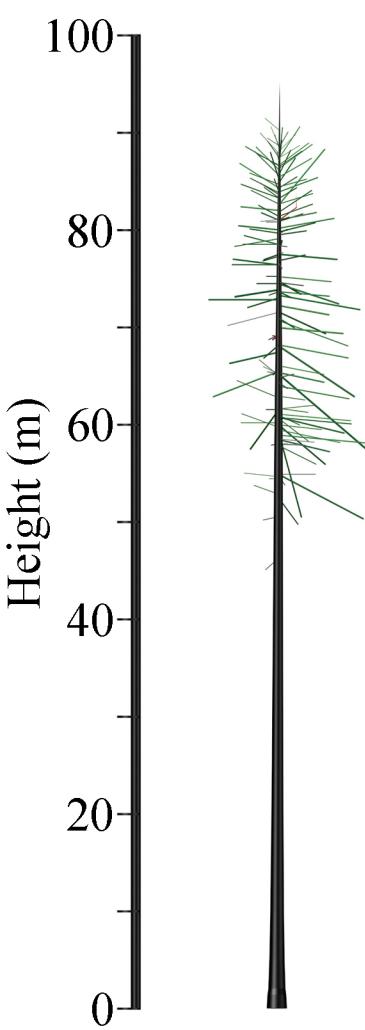
Total dry mass (Mg): 30

Cambium (m^2): 919

Leaf mass (kg): 281

Leaf area (m^2): 1590

Millions of leaves: 157.6



SESE 26

Minimum age (years): 570

Total dry mass (Mg): 43

Cambium (m^2): 1022

Leaf mass (kg): 300

Leaf area (m^2): 1687

Millions of leaves: 168.2



SESE 27

Minimum age (years): 620

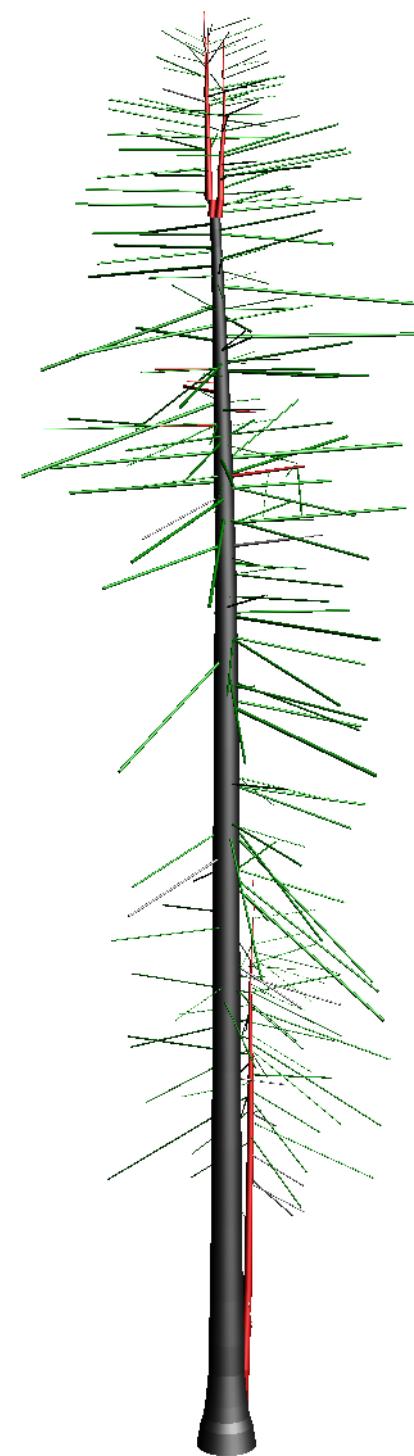
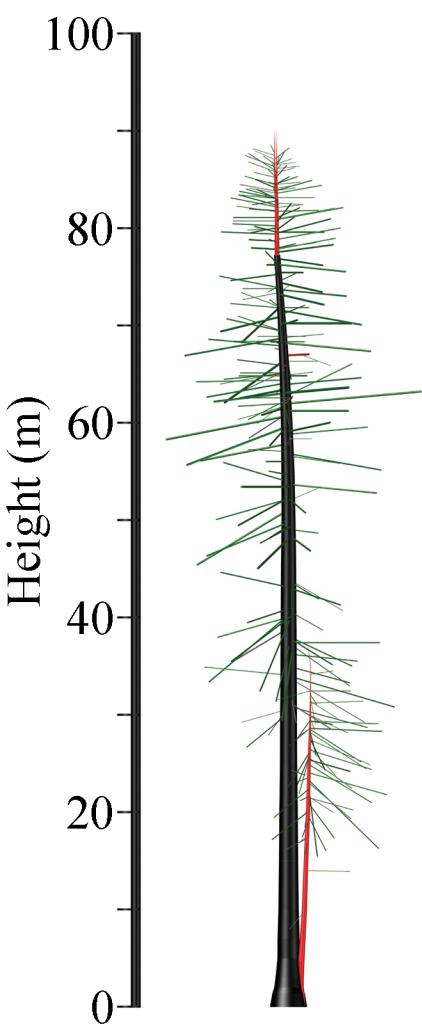
Total dry mass (Mg): 74

Cambium (m^2): 1905

Leaf mass (kg): 612

Leaf area (m^2): 3446

Millions of leaves: 364.1



SESE 28

Minimum age (years): 700

Total dry mass (Mg): 61

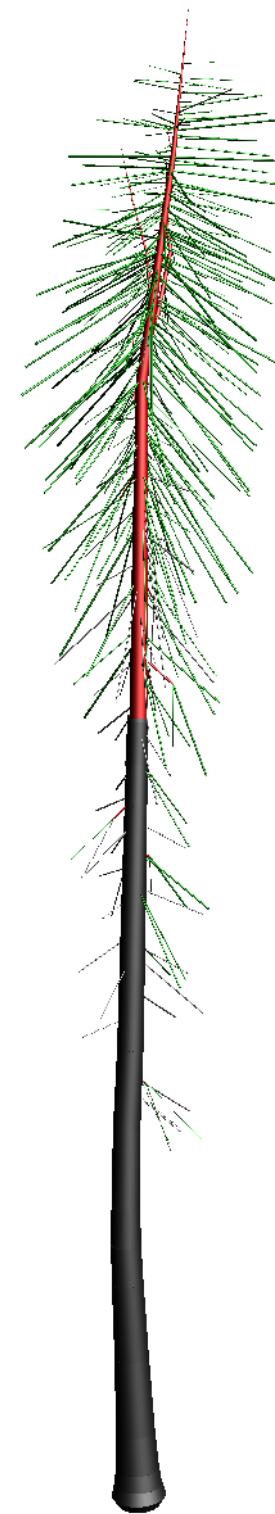
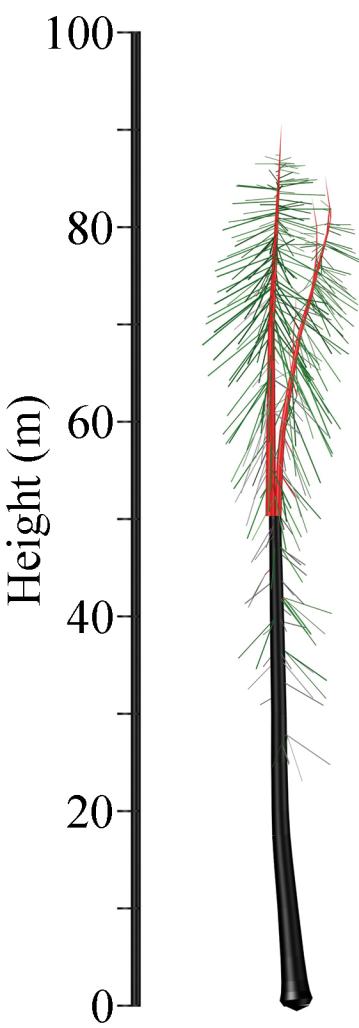
Cambium (m^2): 1352

Leaf mass (kg): 422

Leaf area (m^2): 2432

Millions of leaves: 236.4

 Trunk  Segments
 Branches  Dead



SESE 29

Minimum age (years): 720

Total dry mass (Mg): 61

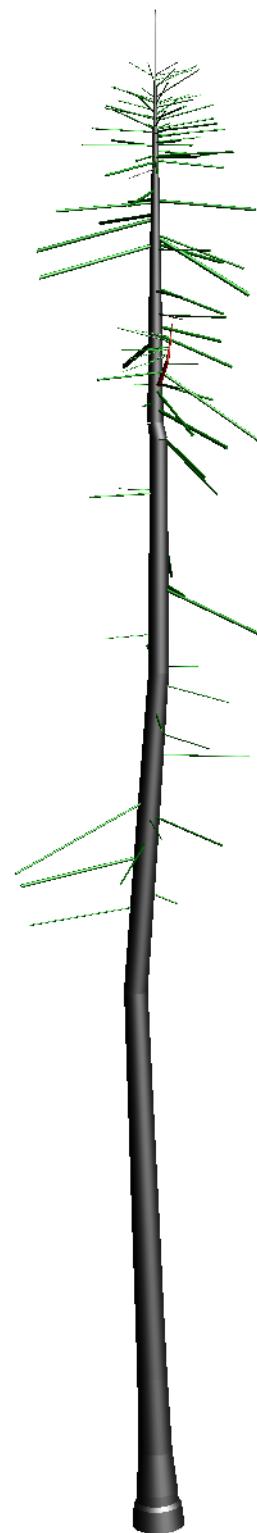
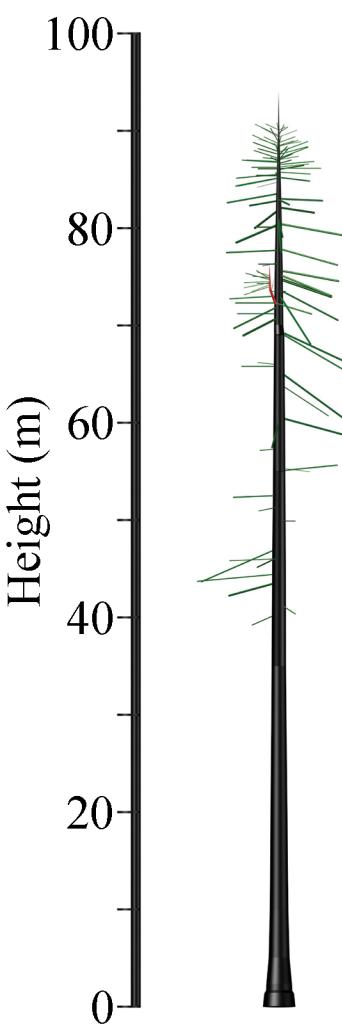
Cambium (m^2): 1110

Leaf mass (kg): 314

Leaf area (m^2): 1769

Millions of leaves: 181.9

 Trunk  Segments
 Branches  Dead



SESE 30

Minimum age (years): 730

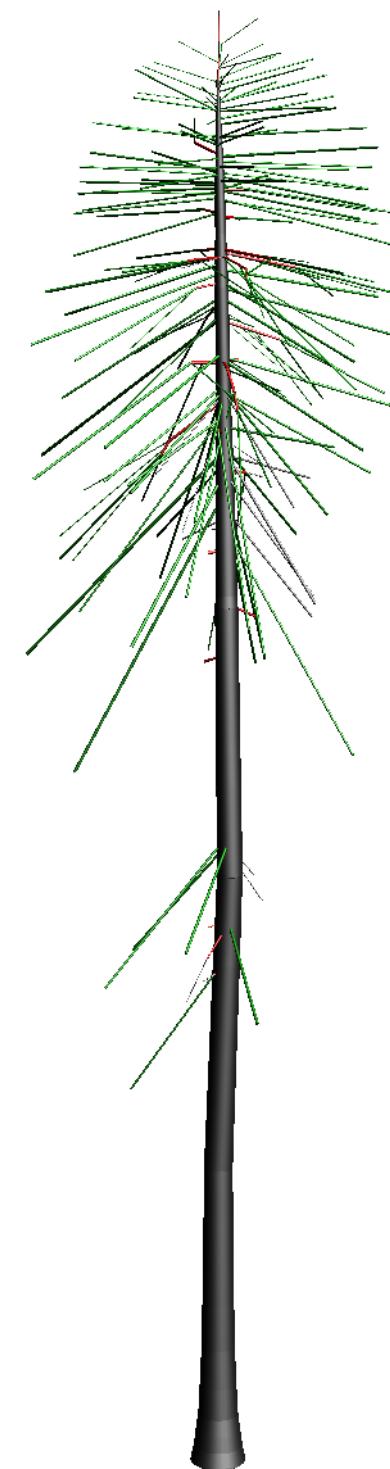
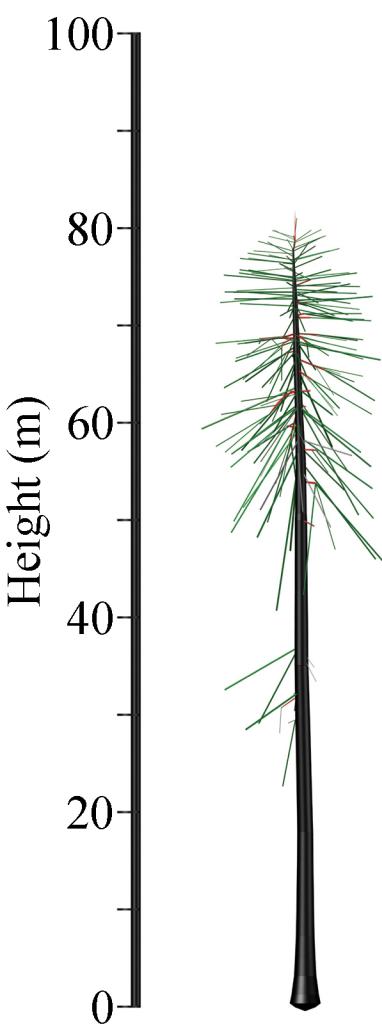
Total dry mass (Mg): 51

Cambium (m^2): 1191

Leaf mass (kg): 360

Leaf area (m^2): 2032

Millions of leaves: 196.0



SESE 31

Minimum age (years): 730

Total dry mass (Mg): 20

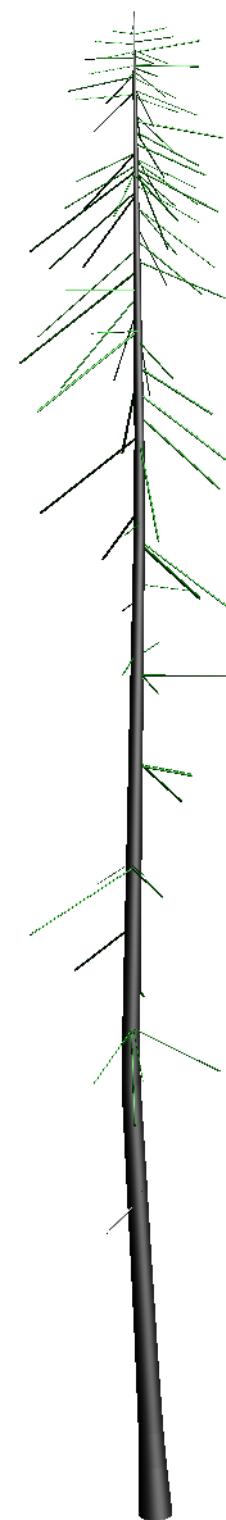
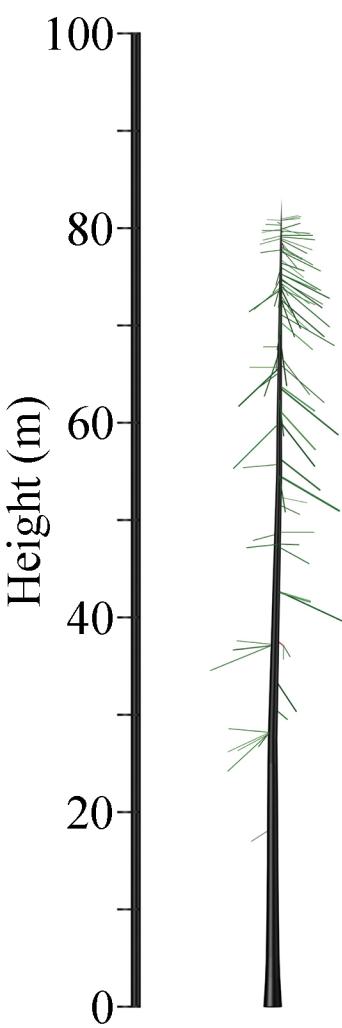
Cambium (m^2): 532

Leaf mass (kg): 150

Leaf area (m^2): 864

Millions of leaves: 78.4

 Trunk  Segments
 Branches  Dead



SESE 32

Minimum age (years): 740

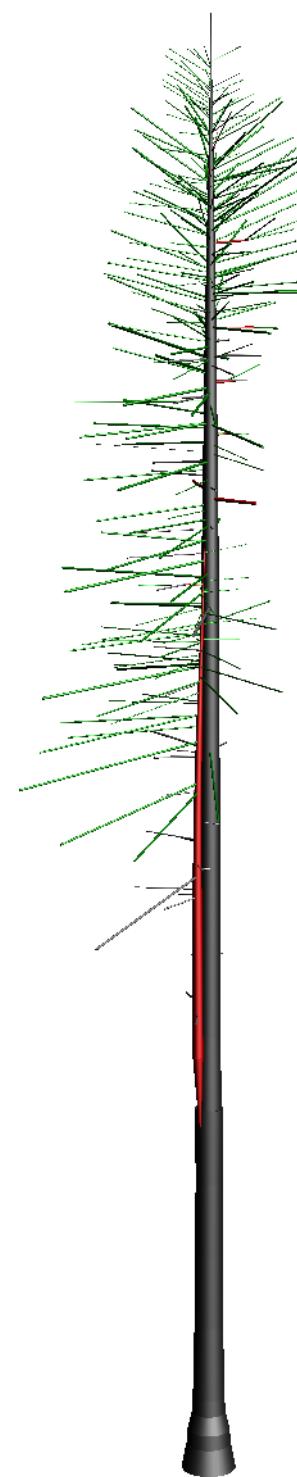
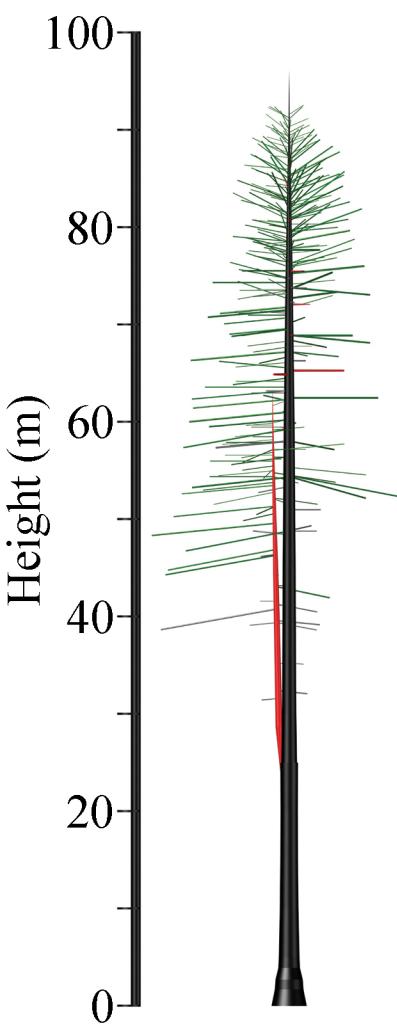
Total dry mass (Mg): 63

Cambium (m^2): 1531

Leaf mass (kg): 471

Leaf area (m^2): 2674

Millions of leaves: 266.2



SESE 33

Minimum age (years): 790

Total dry mass (Mg): 49

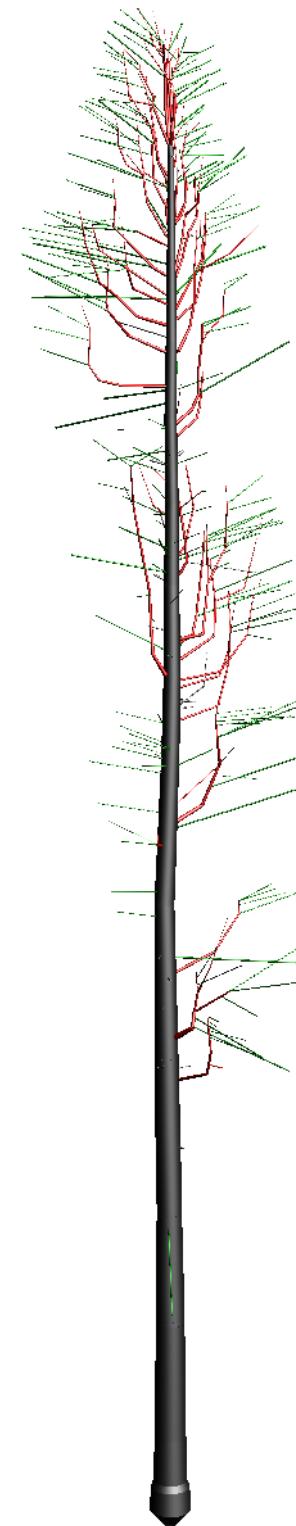
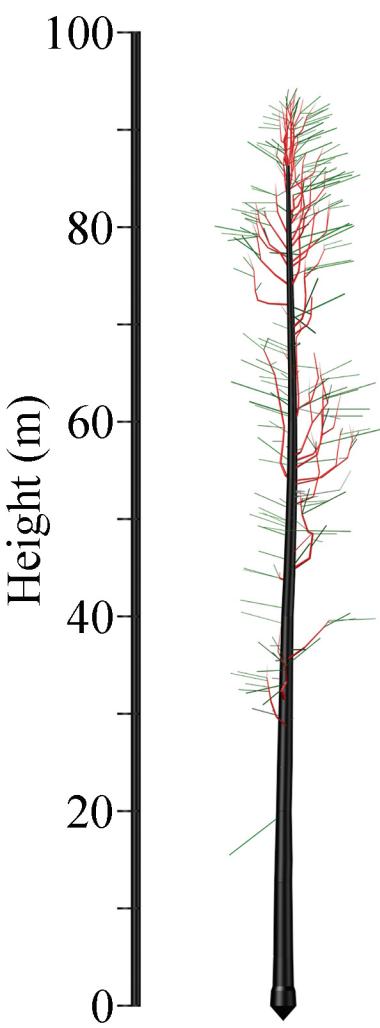
Cambium (m^2): 1023

Leaf mass (kg): 273

Leaf area (m^2): 1624

Millions of leaves: 210.4

 Trunk  Segments
 Branches  Dead



SESE 34

Minimum age (years): 820

Total dry mass (Mg): 127

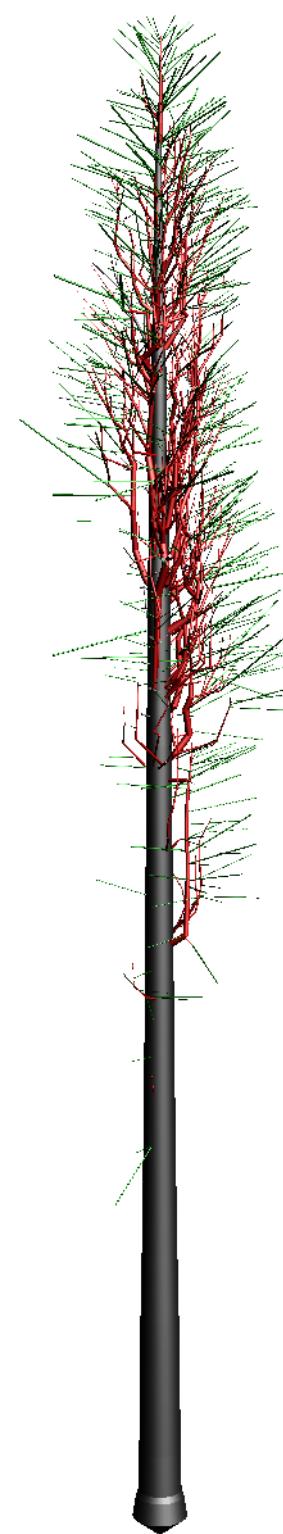
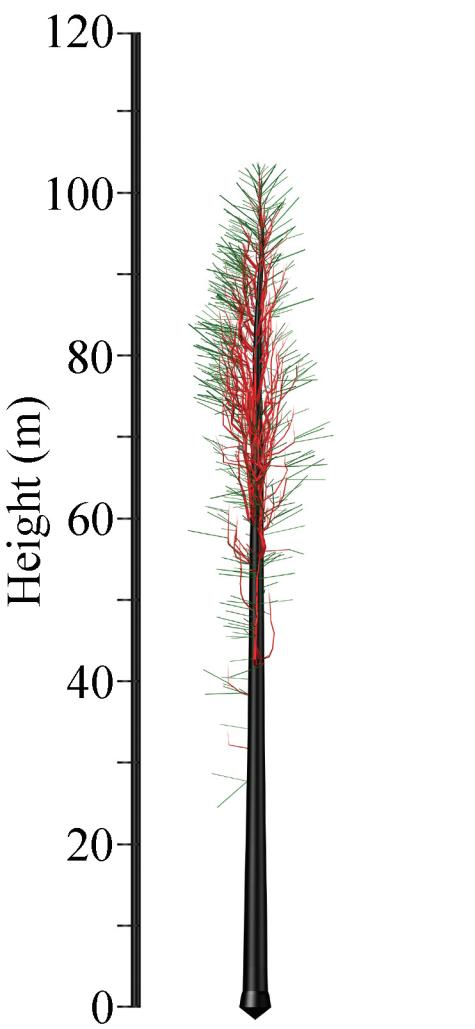
Cambium (m^2): 2788

Leaf mass (kg): 853

Leaf area (m^2): 5040

Millions of leaves: 599.7

 Trunk  Segments
 Branches  Dead



SESE 35

Minimum age (years): 840

Total dry mass (Mg): 32

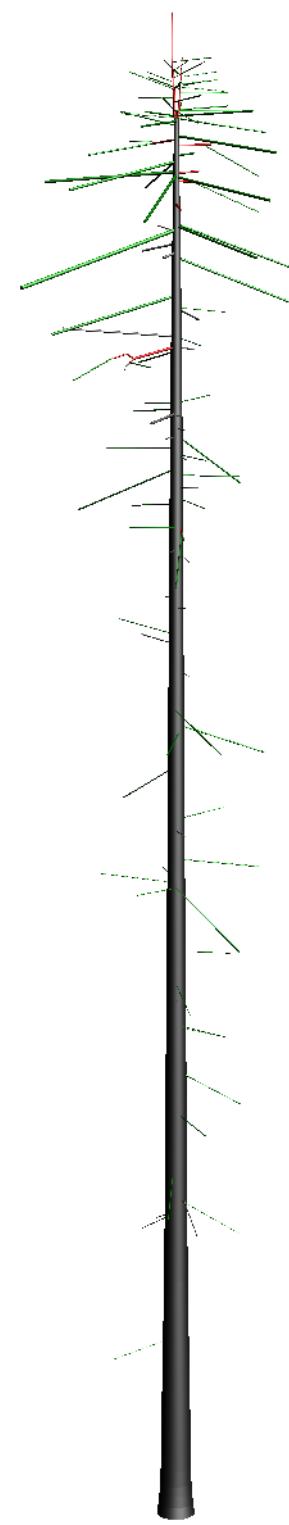
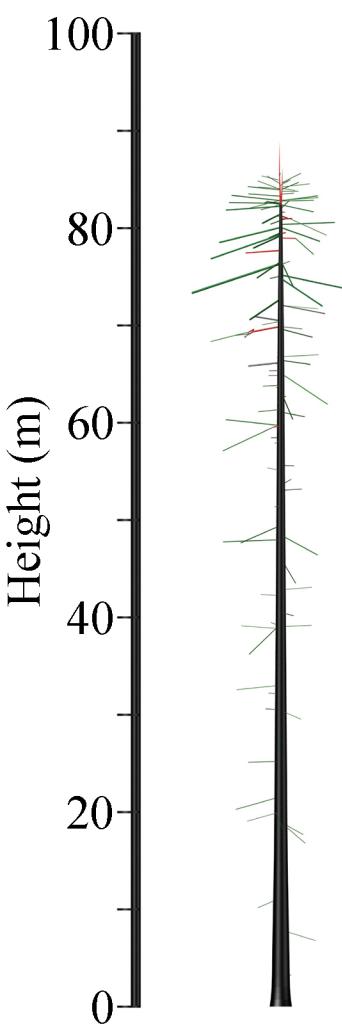
Cambium (m^2): 580

Leaf mass (kg): 155

Leaf area (m^2): 903

Millions of leaves: 93.3

 Trunk  Segments
 Branches  Dead



SESE 36

Minimum age (years): 940

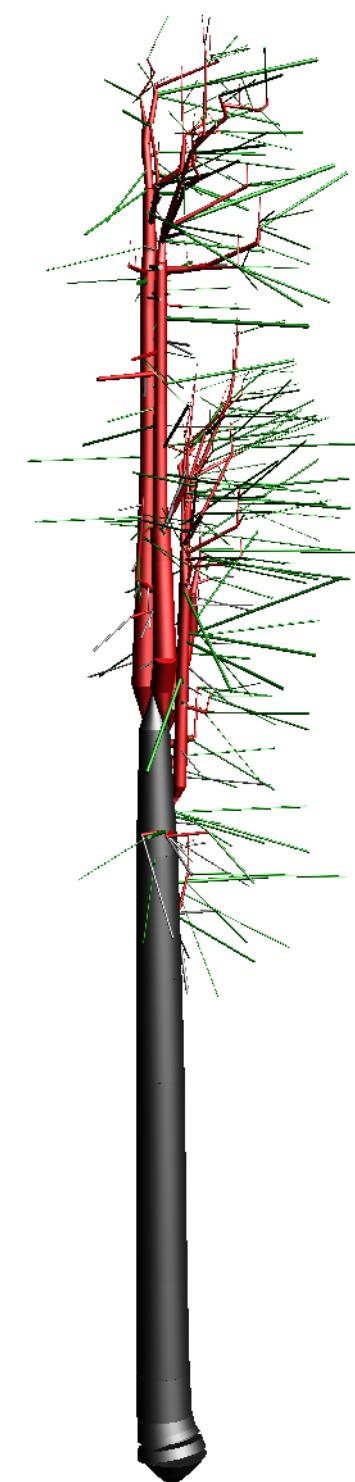
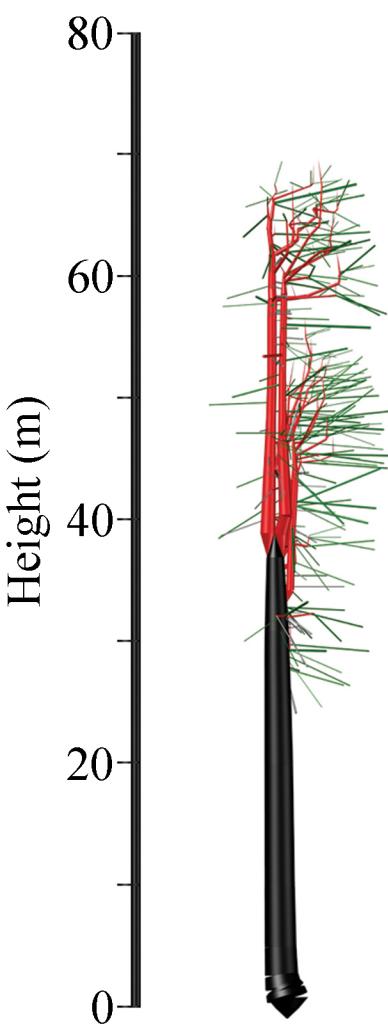
Total dry mass (Mg): 76

Cambium (m^2): 1415

Leaf mass (kg): 409

Leaf area (m^2): 2360

Millions of leaves: 265.5



SESE 37

Minimum age (years): 940

Total dry mass (Mg): 129

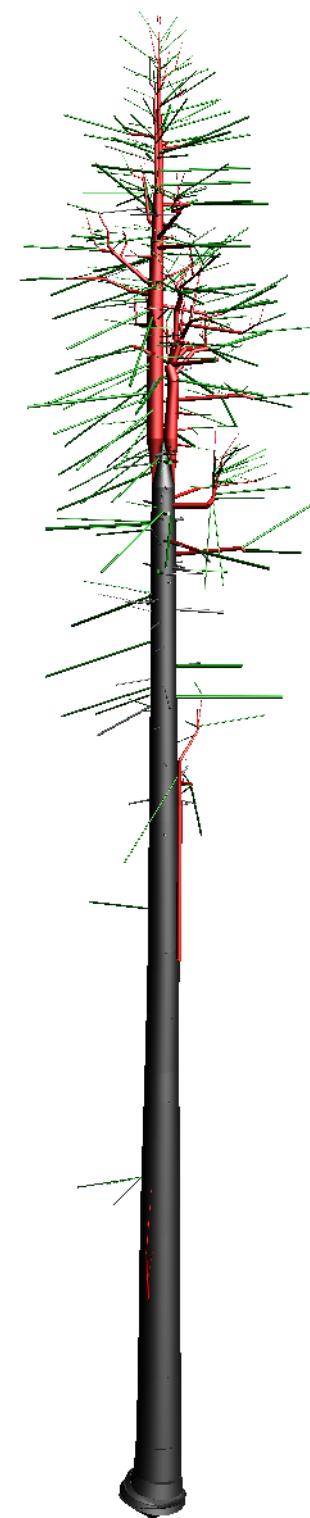
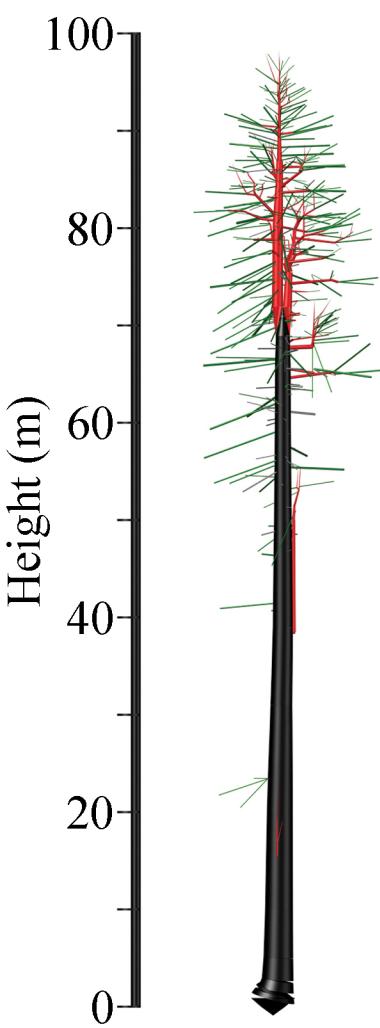
Cambium (m^2): 2260

Leaf mass (kg): 695

Leaf area (m^2): 3967

Millions of leaves: 442.2

 Trunk  Segments
 Branches  Dead



SESE 36 & 37

Minimum age (years): 940

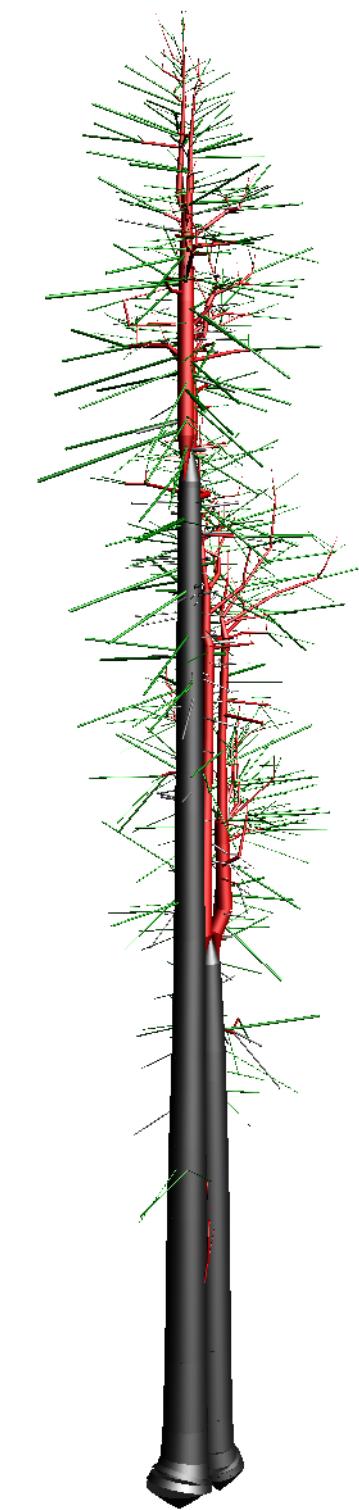
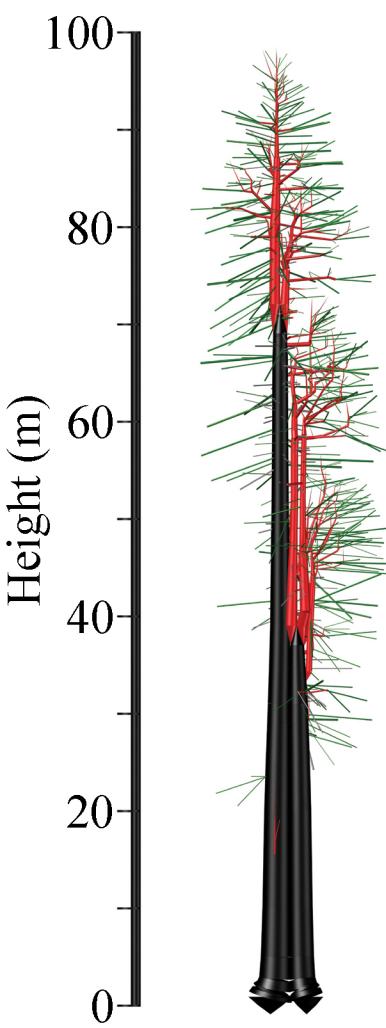
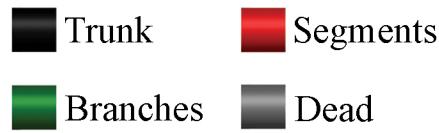
Total dry mass (Mg): 205

Cambium (m^2): 3675

Leaf mass (kg): 1104

Leaf area (m^2): 6327

Millions of leaves: 707.8



SESE 38

Minimum age (years): 960

Total dry mass (Mg): 76

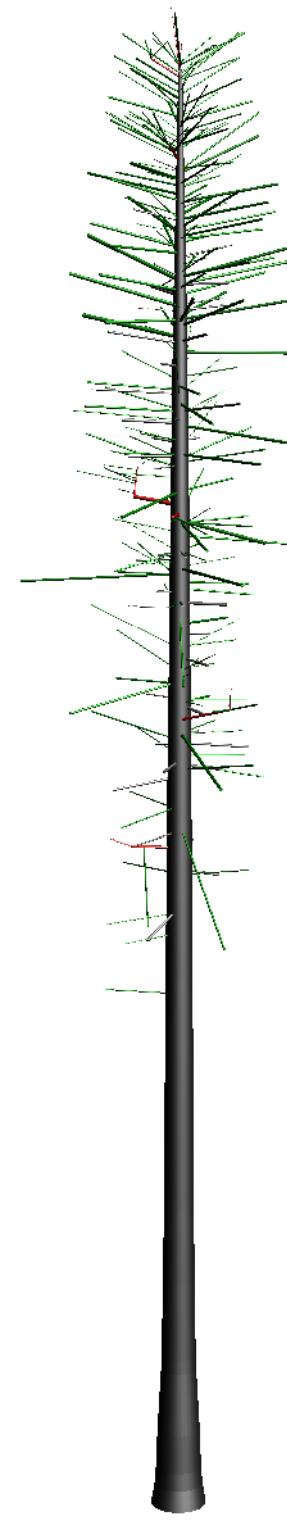
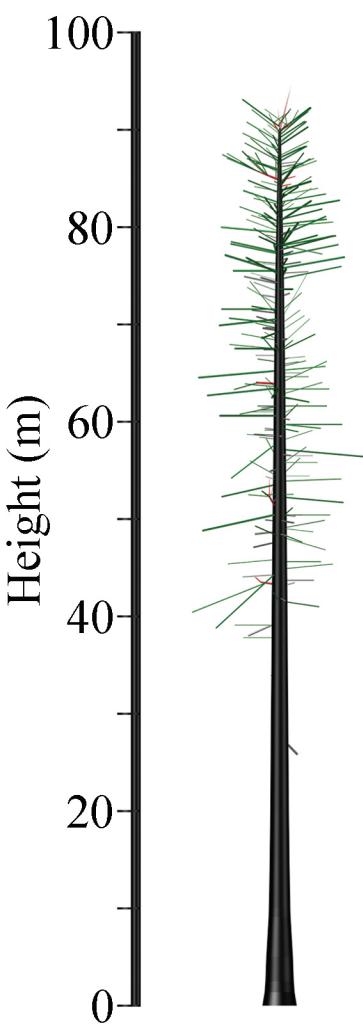
Cambium (m^2): 1608

Leaf mass (kg): 503

Leaf area (m^2): 2841

Millions of leaves: 287.0

 Trunk  Segments
 Branches  Dead



SESE 39

Minimum age (years): 970

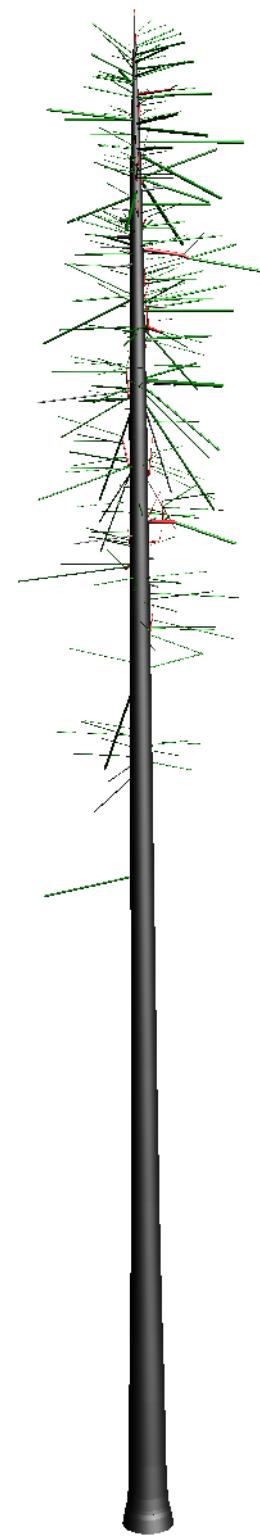
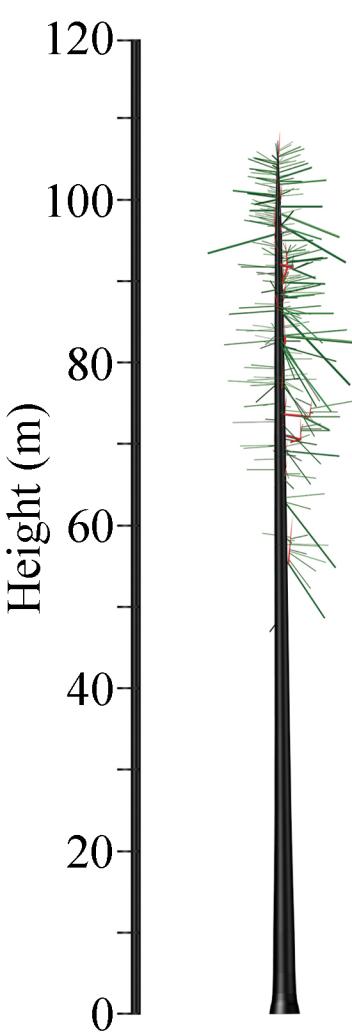
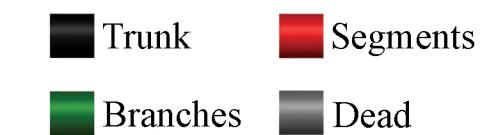
Total dry mass (Mg): 102

Cambium (m^2): 1639

Leaf mass (kg): 468

Leaf area (m^2): 2656

Millions of leaves: 266.0



SESE 40

Minimum age (years): 980

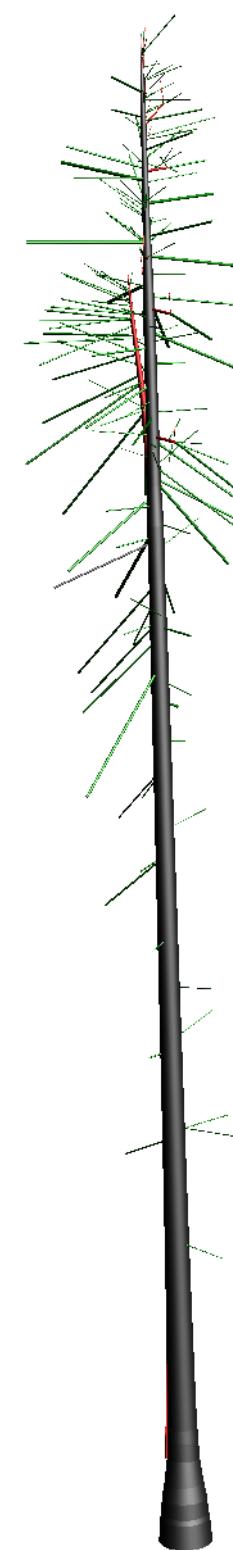
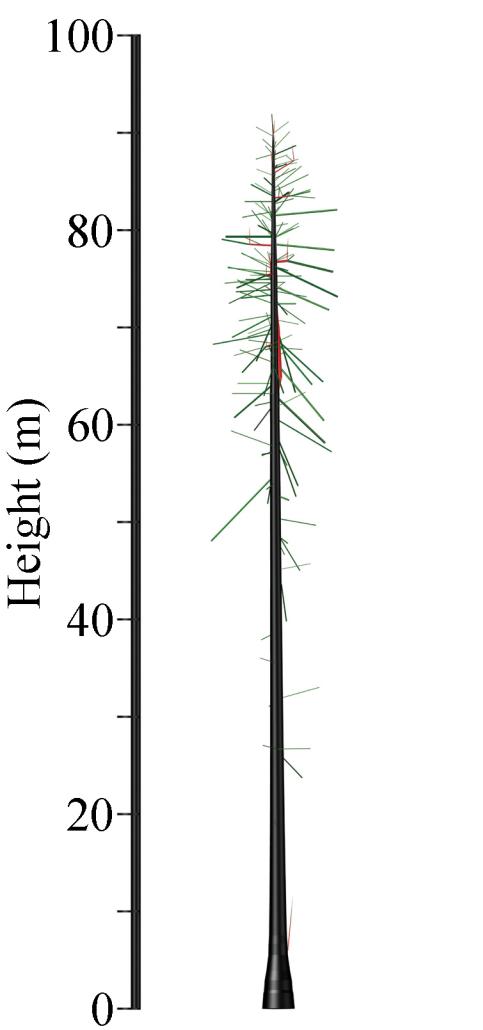
Total dry mass (Mg): 49

Cambium (m^2): 1060

Leaf mass (kg): 324

Leaf area (m^2): 1855

Millions of leaves: 185.7



SESE 41

Minimum age (years): 1020

Total dry mass (Mg): 170

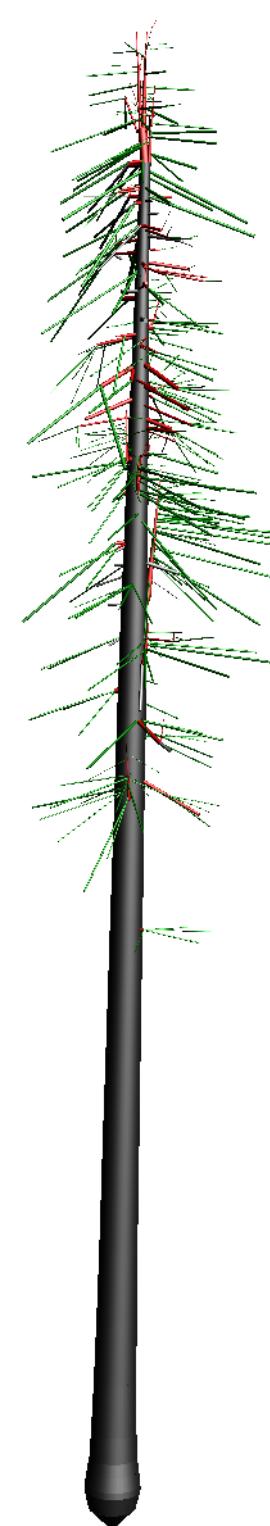
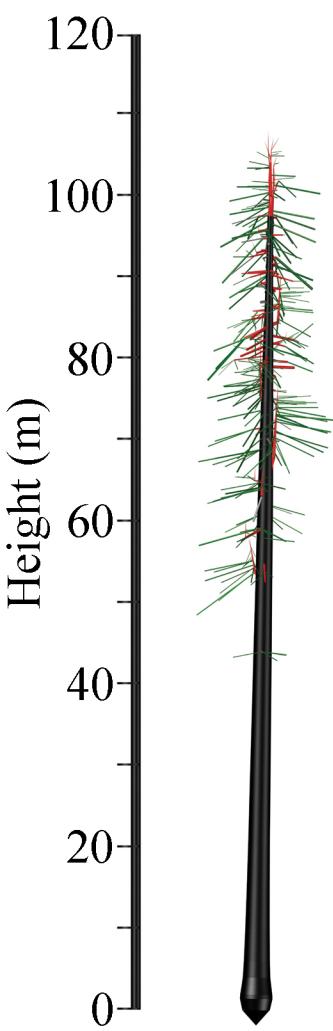
Cambium (m^2): 2607

Leaf mass (kg): 798

Leaf area (m^2): 4515

Millions of leaves: 481.1

 Trunk  Segments
 Branches  Dead



SESE 42

Minimum age (years): 1100

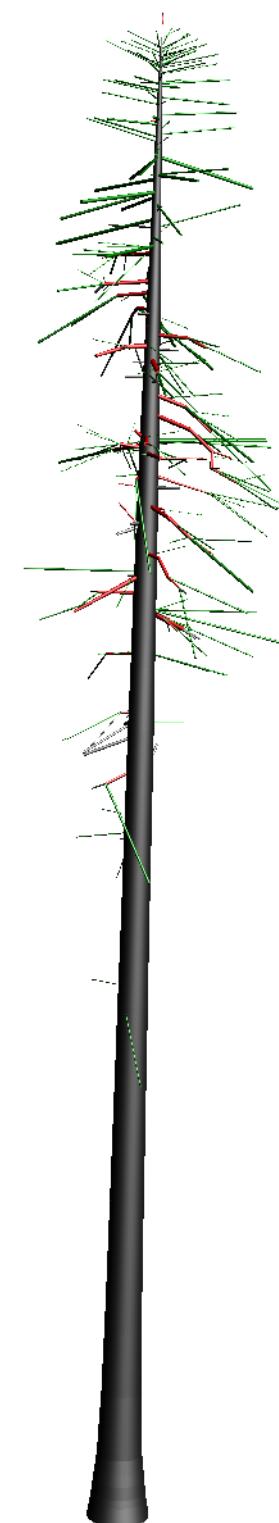
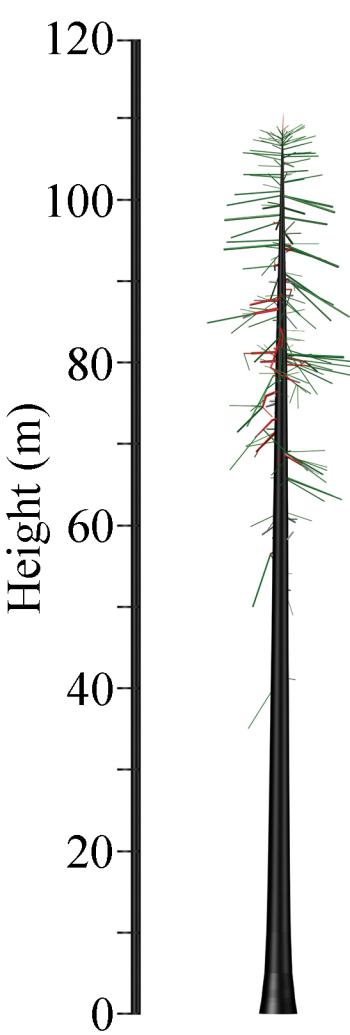
Total dry mass (Mg): 152

Cambium (m^2): 1842

Leaf mass (kg): 502

Leaf area (m^2): 2840

Millions of leaves: 318.8



SESE 43

Minimum age (years): 1100

Total dry mass (Mg): 109

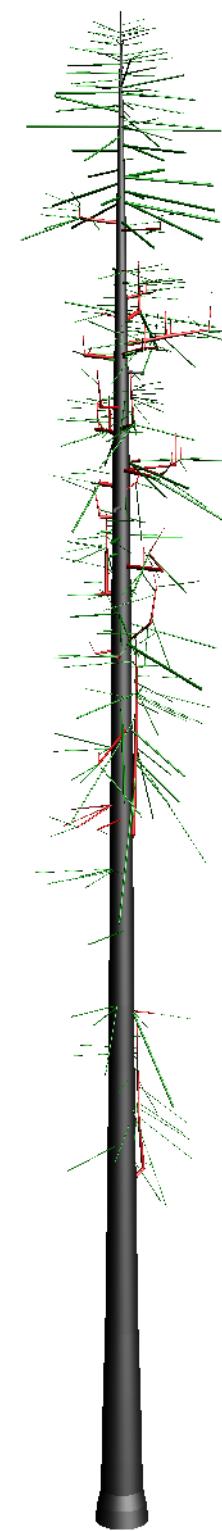
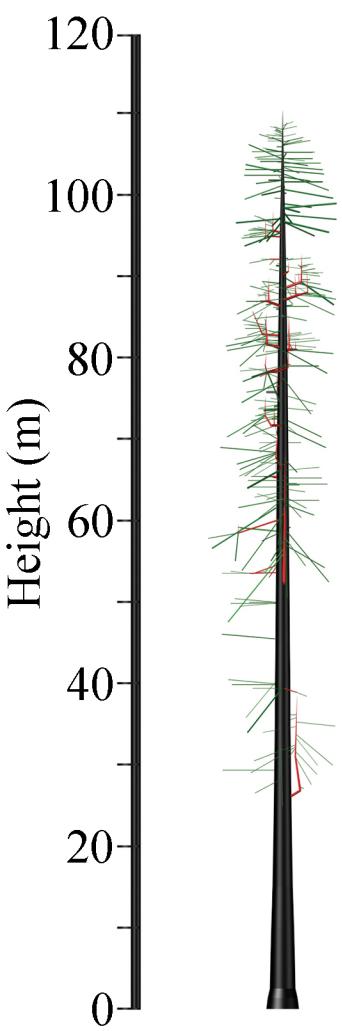
Cambium (m^2): 1948

Leaf mass (kg): 624

Leaf area (m^2): 3612

Millions of leaves: 377.7

 Trunk  Segments
 Branches  Dead



SESE 44

Minimum age (years): 1120

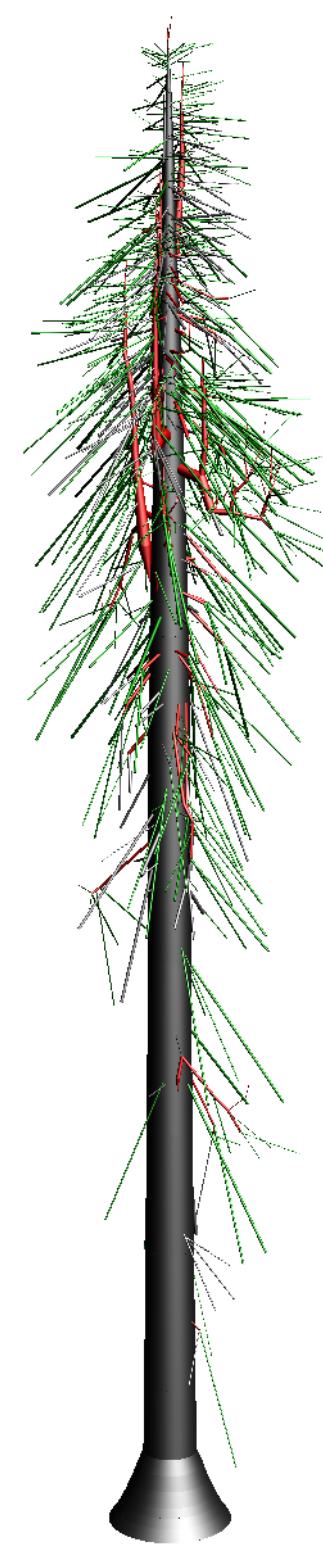
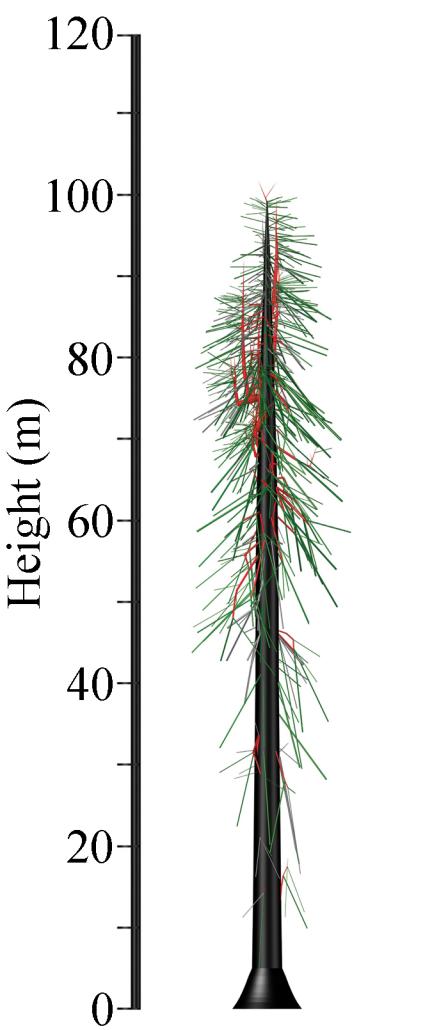
Total dry mass (Mg): 272

Cambium (m^2): 3684

Leaf mass (kg): 1140

Leaf area (m^2): 6470

Millions of leaves: 679.8



SESE 45

Minimum age (years): 1160

Total dry mass (Mg): 172

Cambium (m^2): 1964

Leaf mass (kg): 532

Leaf area (m^2): 3009

Millions of leaves: 313.6

 Trunk  Segments
 Branches  Dead



SESE 46

Minimum age (years): 1180

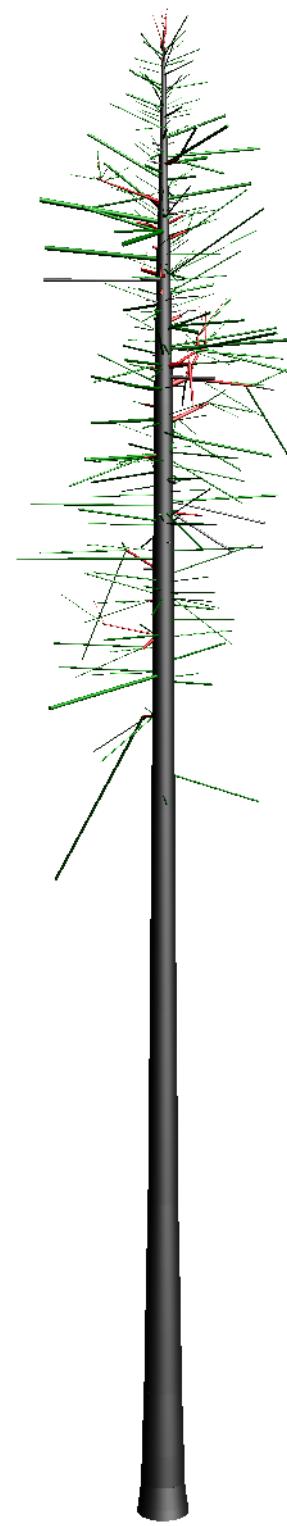
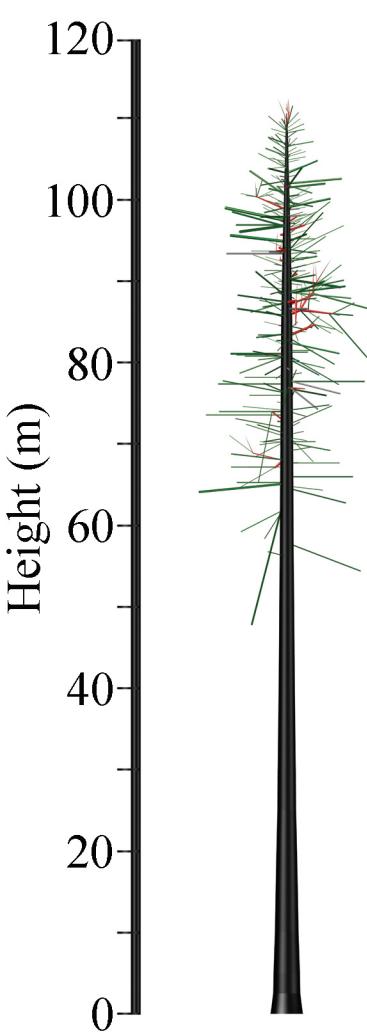
Total dry mass (Mg): 132

Cambium (m^2): 2290

Leaf mass (kg): 703

Leaf area (m^2): 3964

Millions of leaves: 439.9



SESE 47

Minimum age (years): 1180

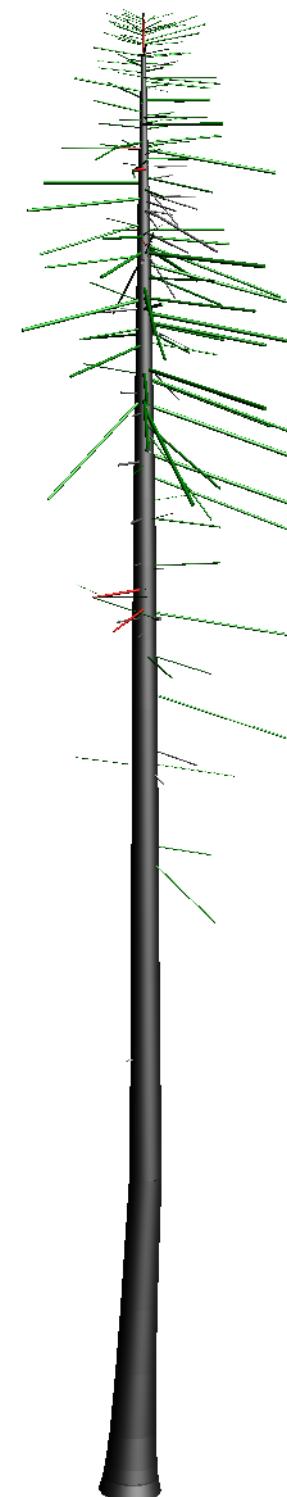
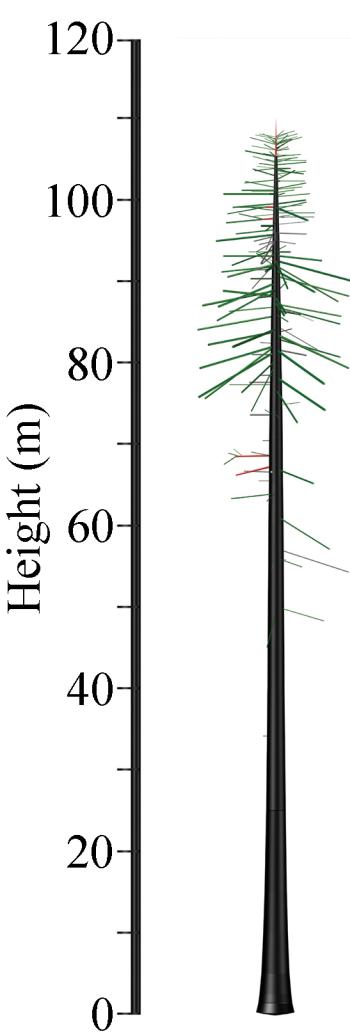
Total dry mass (Mg): 145

Cambium (m^2): 1889

Leaf mass (kg): 518

Leaf area (m^2): 2875

Millions of leaves: 322.6



SESE 48

Minimum age (years): 1180

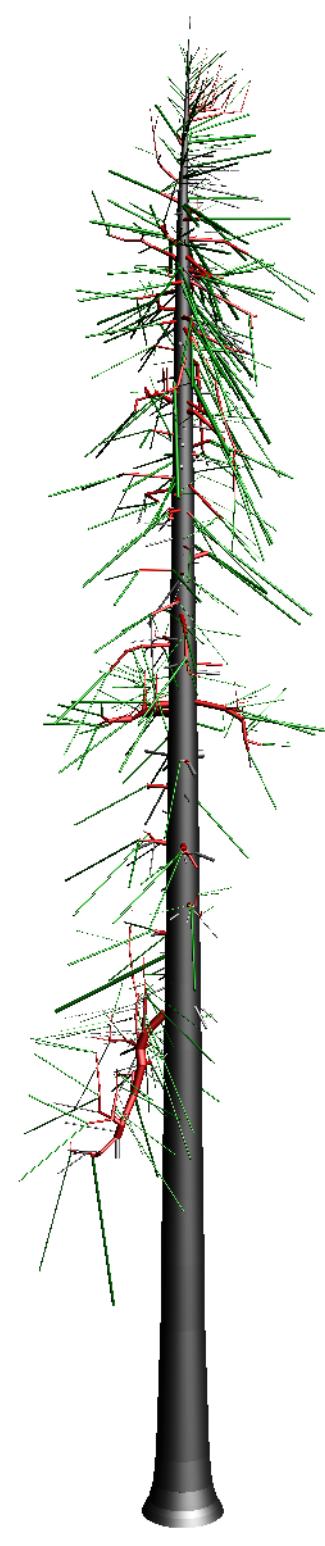
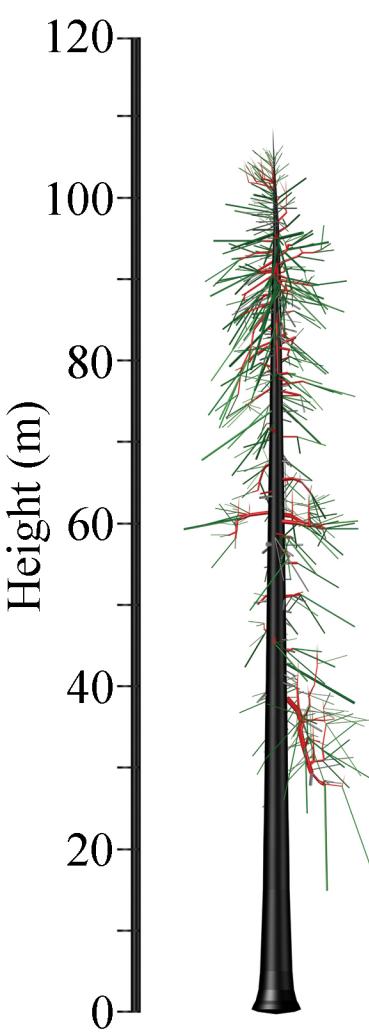
Total dry mass (Mg): 217

Cambium (m^2): 3744

Leaf mass (kg): 1188

Leaf area (m^2): 6698

Millions of leaves: 718.5



SESE 49

Minimum age (years): 1260

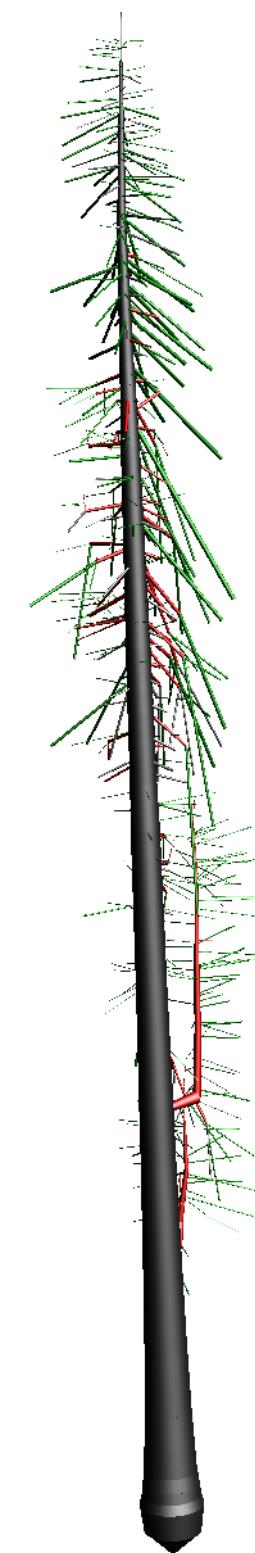
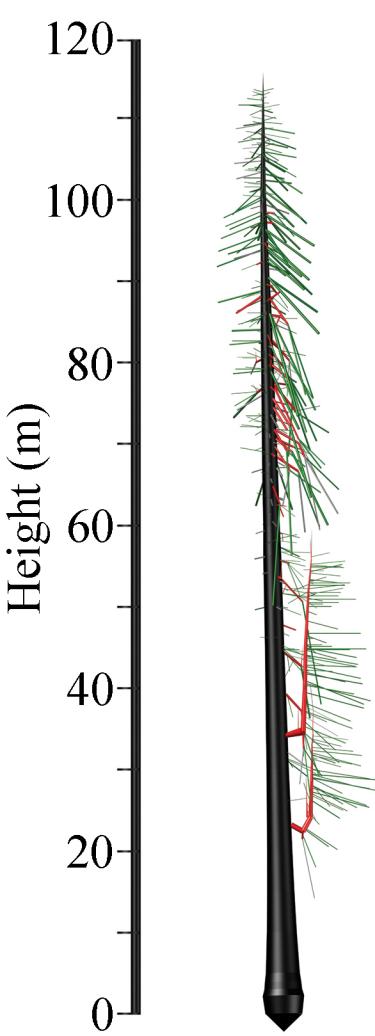
Total dry mass (Mg): 209

Cambium (m^2): 2960

Leaf mass (kg): 913

Leaf area (m^2): 5160

Millions of leaves: 553.2



SESE 50

Minimum age (years): 1340

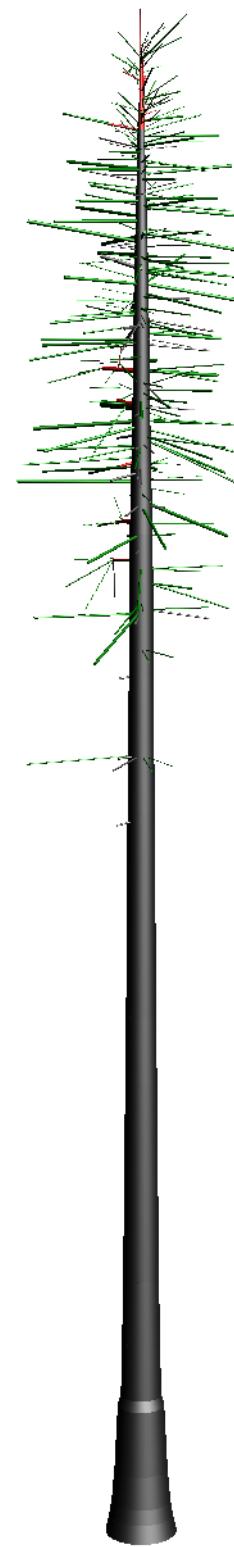
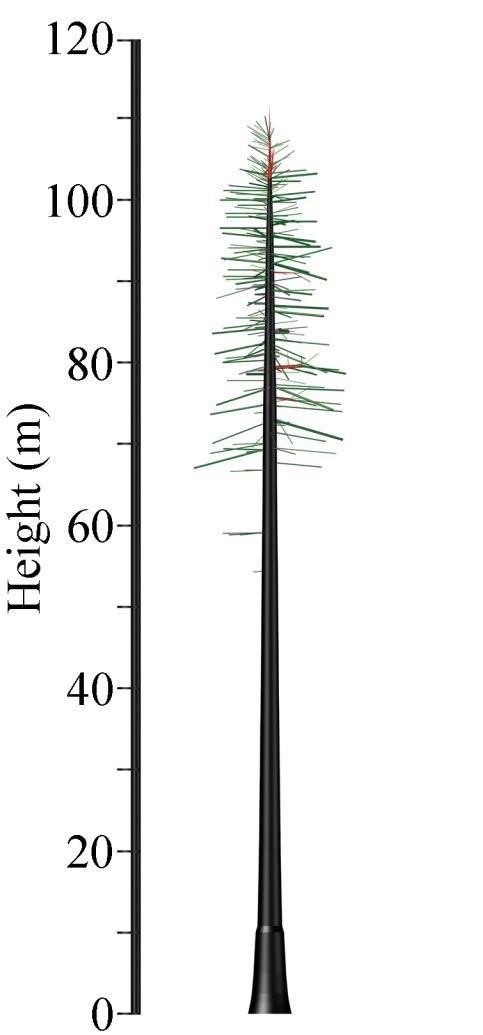
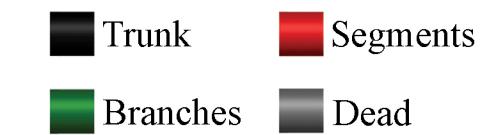
Total dry mass (Mg): 167

Cambium (m^2): 2218

Leaf mass (kg): 653

Leaf area (m^2): 3659

Millions of leaves: 396.4



SESE 51

Minimum age (years): 1360

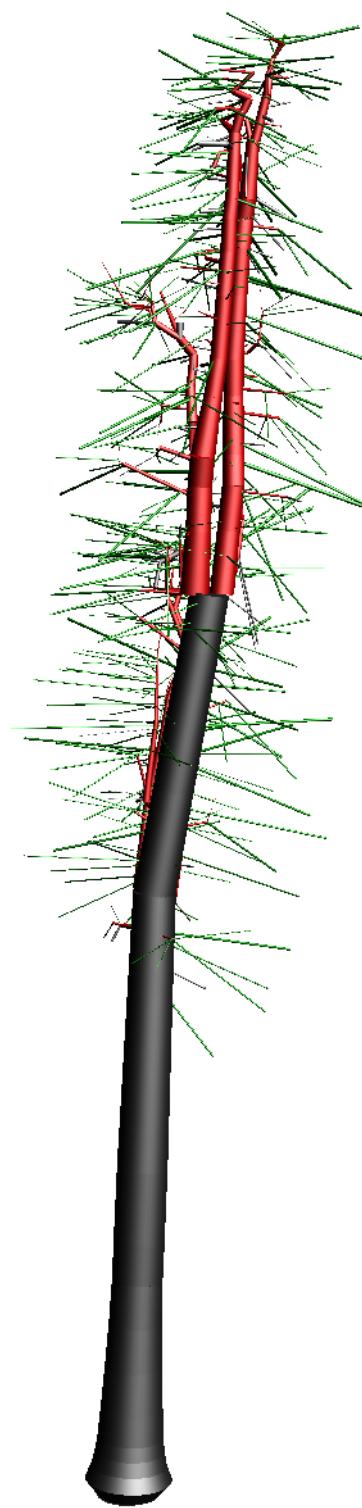
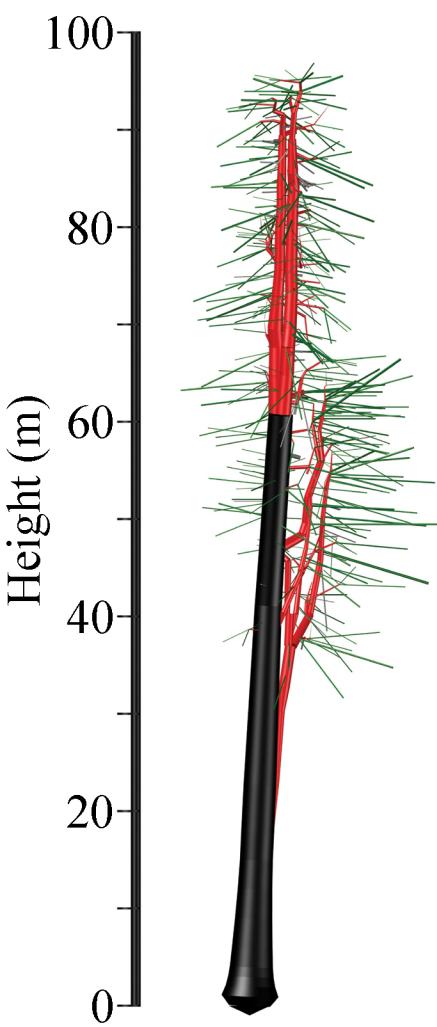
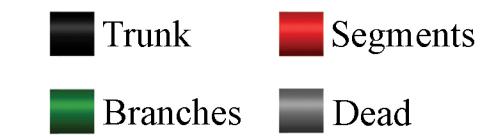
Total dry mass (Mg): 256

Cambium (m^2): 3267

Leaf mass (kg): 916

Leaf area (m^2): 5176

Millions of leaves: 531.4



SESE 52

Minimum age (years): 1500

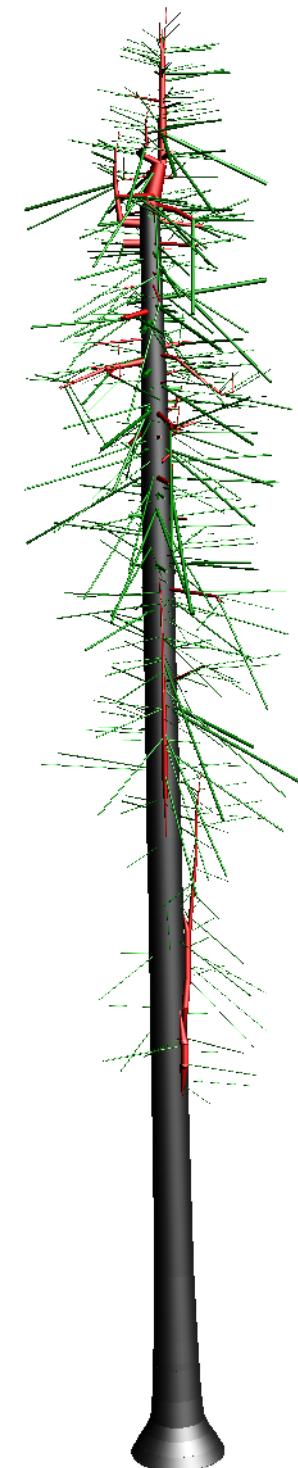
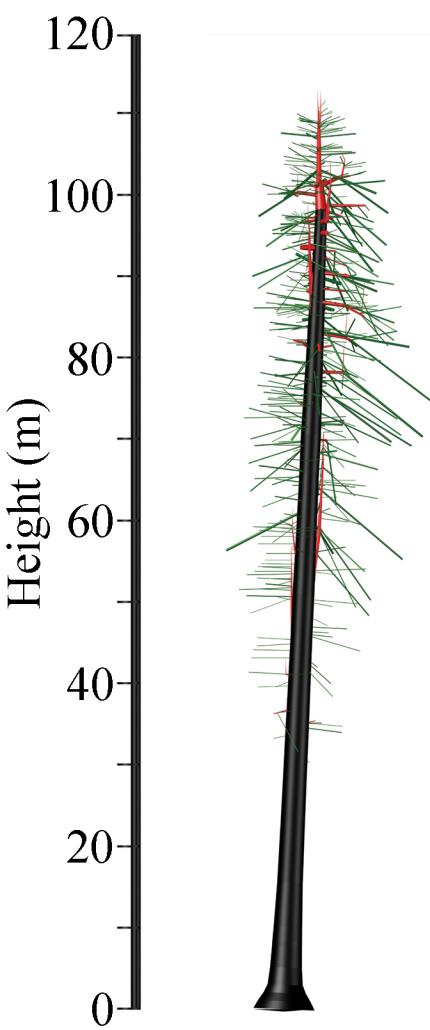
Total dry mass (Mg): 257

Cambium (m^2): 3612

Leaf mass (kg): 1117

Leaf area (m^2): 6315

Millions of leaves: 671.3



SESE 53

Minimum age (years): 1590

Total dry mass (Mg): 174

Cambium (m^2): 2433

Leaf mass (kg): 747

Leaf area (m^2): 4225

Millions of leaves: 444.2



SESE 54

Minimum age (years): 1830

Total dry mass (Mg): 155

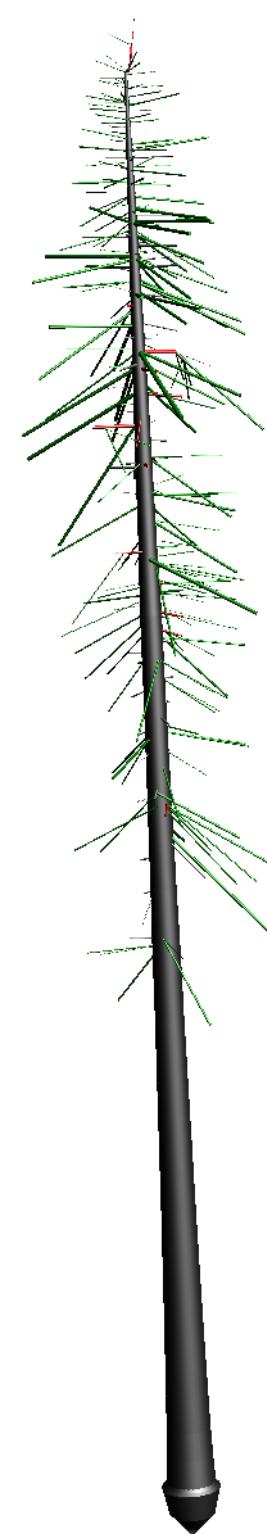
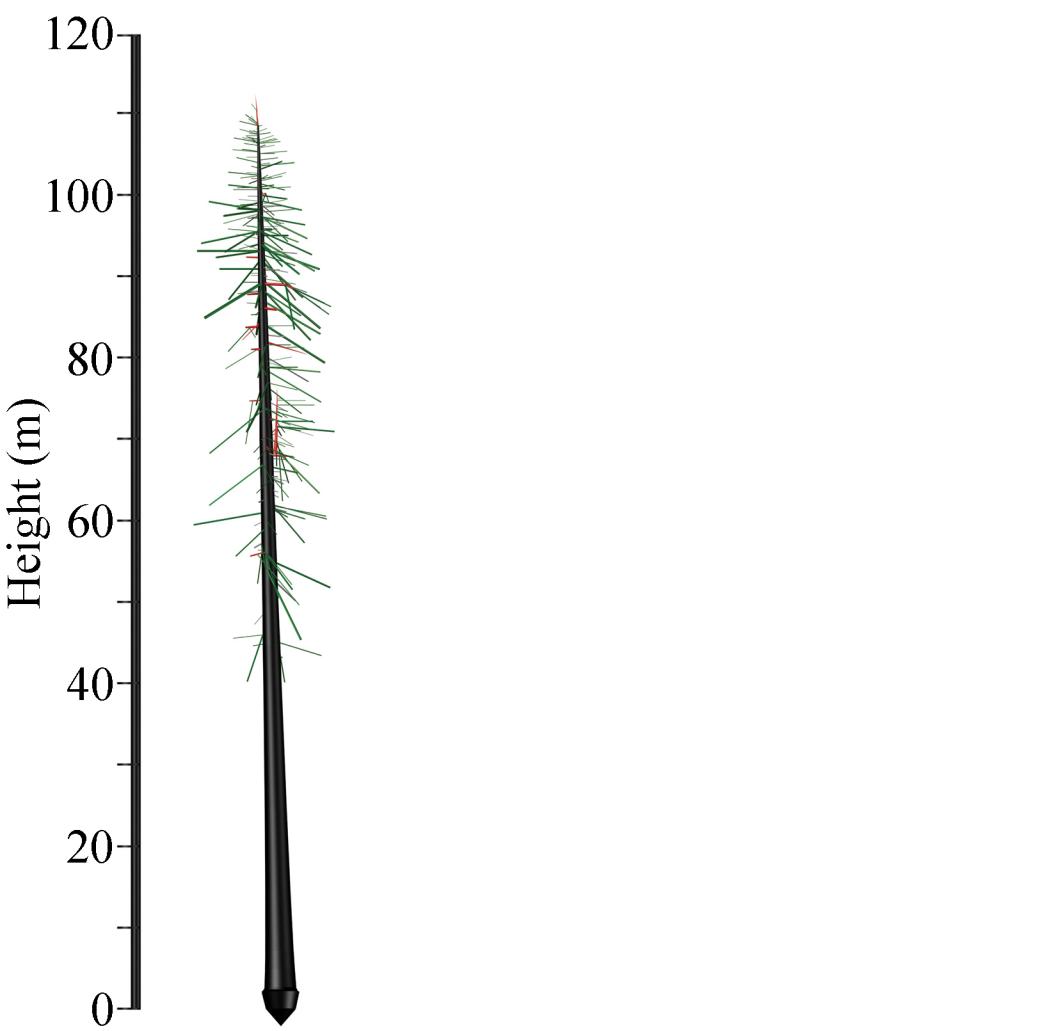
Cambium (m^2): 2250

Leaf mass (kg): 668

Leaf area (m^2): 3725

Millions of leaves: 404.6

 Trunk  Segments
 Branches  Dead



SESE 55

Minimum age (years): 1830

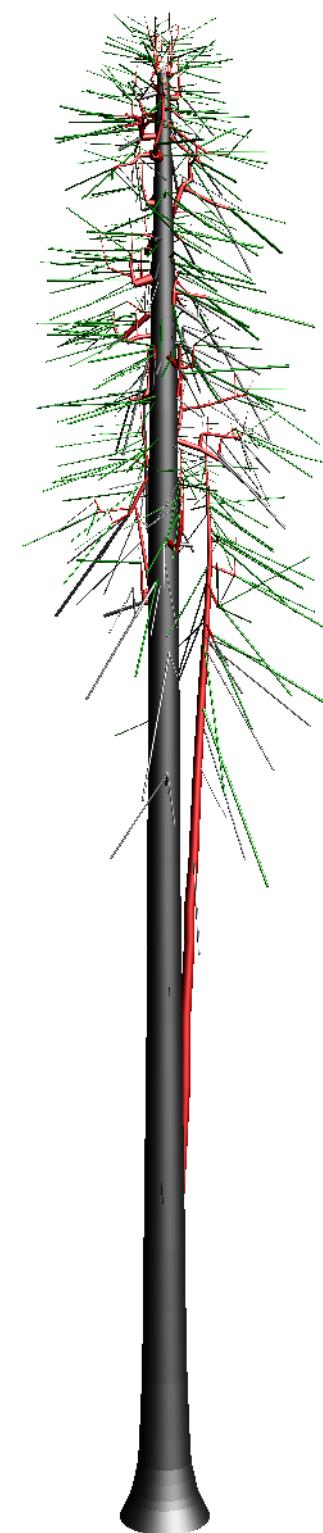
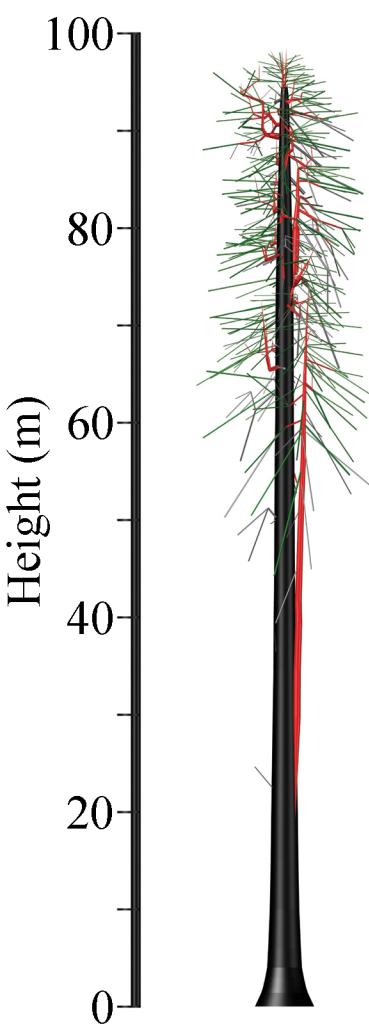
Total dry mass (Mg): 171

Cambium (m^2): 2198

Leaf mass (kg): 601

Leaf area (m^2): 3456

Millions of leaves: 368.8



SESE 60

Minimum age (years): 500

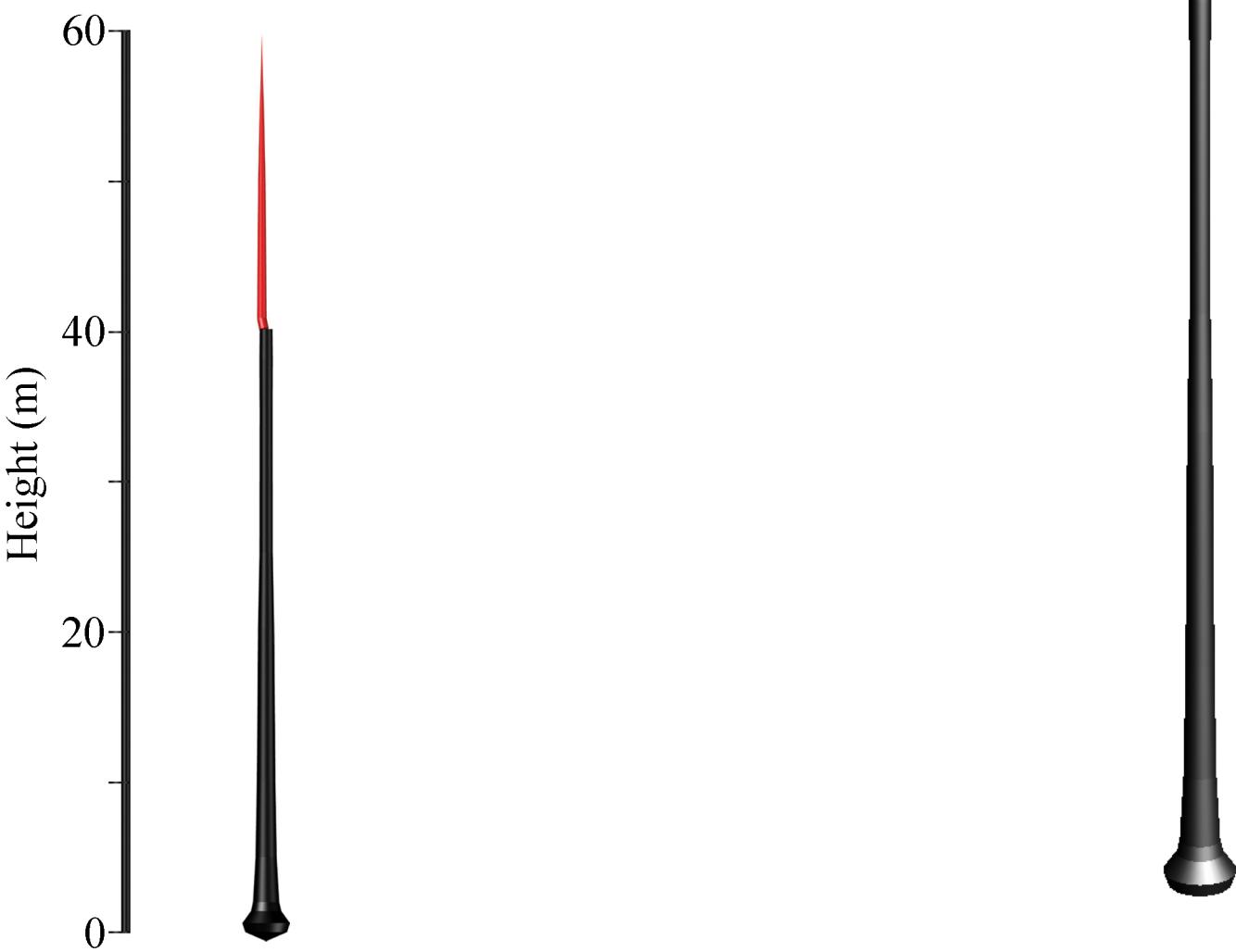
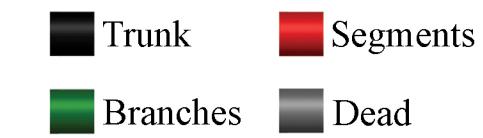
Total dry mass (Mg): 20

Cambium (m^2): 701

Leaf mass (kg): 223

Leaf area (m^2): 1269

Millions of leaves: 126.5



SESE 61

Minimum age (years): 320

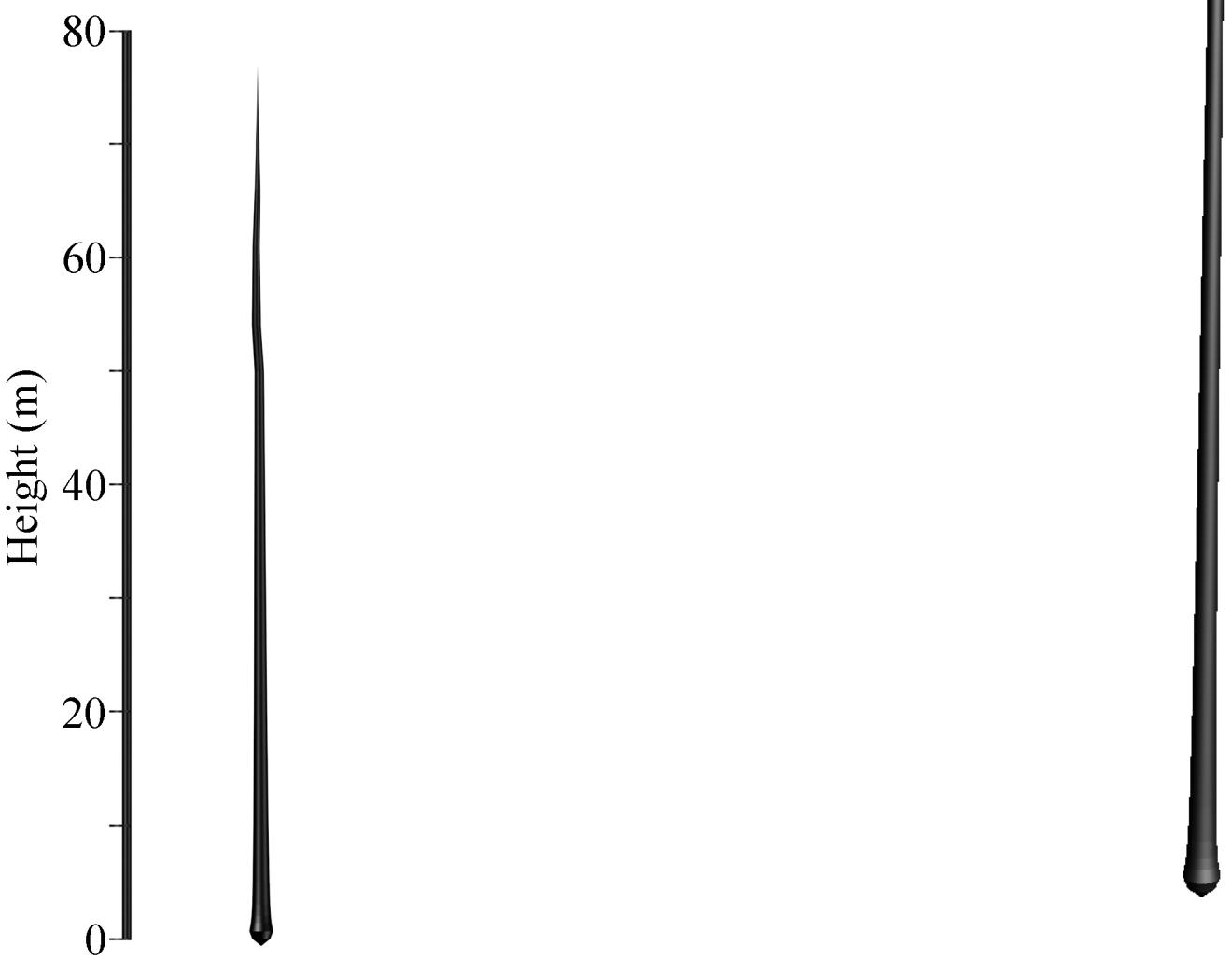
Total dry mass (Mg): 24

Cambium (m^2): 739

Leaf mass (kg): 231

Leaf area (m^2): 1307

Millions of leaves: 127.8



SESE 62

Minimum age (years): 510

Total dry mass (Mg): 66

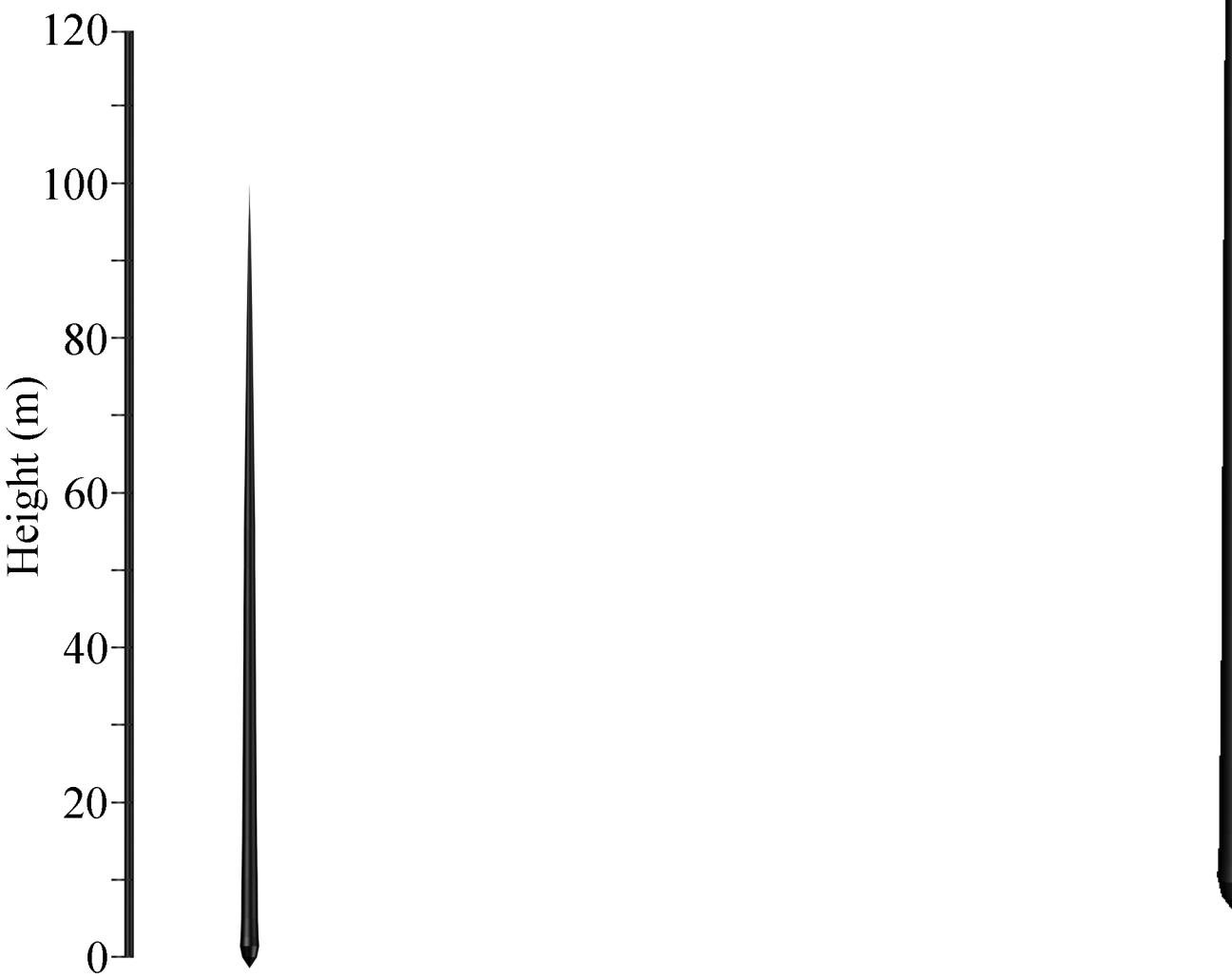
Cambium (m^2): 1348

Leaf mass (kg): 411

Leaf area (m^2): 2316

Millions of leaves: 233.2

 Trunk  Segments
 Branches  Dead



SESE 63

Minimum age (years): 830

Total dry mass (Mg): 80

Cambium (m^2): 1417

Leaf mass (kg): 417

Leaf area (m^2): 2369

Millions of leaves: 248.4

 Trunk  Segments
 Branches  Dead



SESE 64

Minimum age (years): 950

Total dry mass (Mg): 81

Cambium (m^2): 1678

Leaf mass (kg): 523

Leaf area (m^2): 2943

Millions of leaves: 297.4

 Trunk  Segments
 Branches  Dead



SESE 65

Minimum age (years): 690

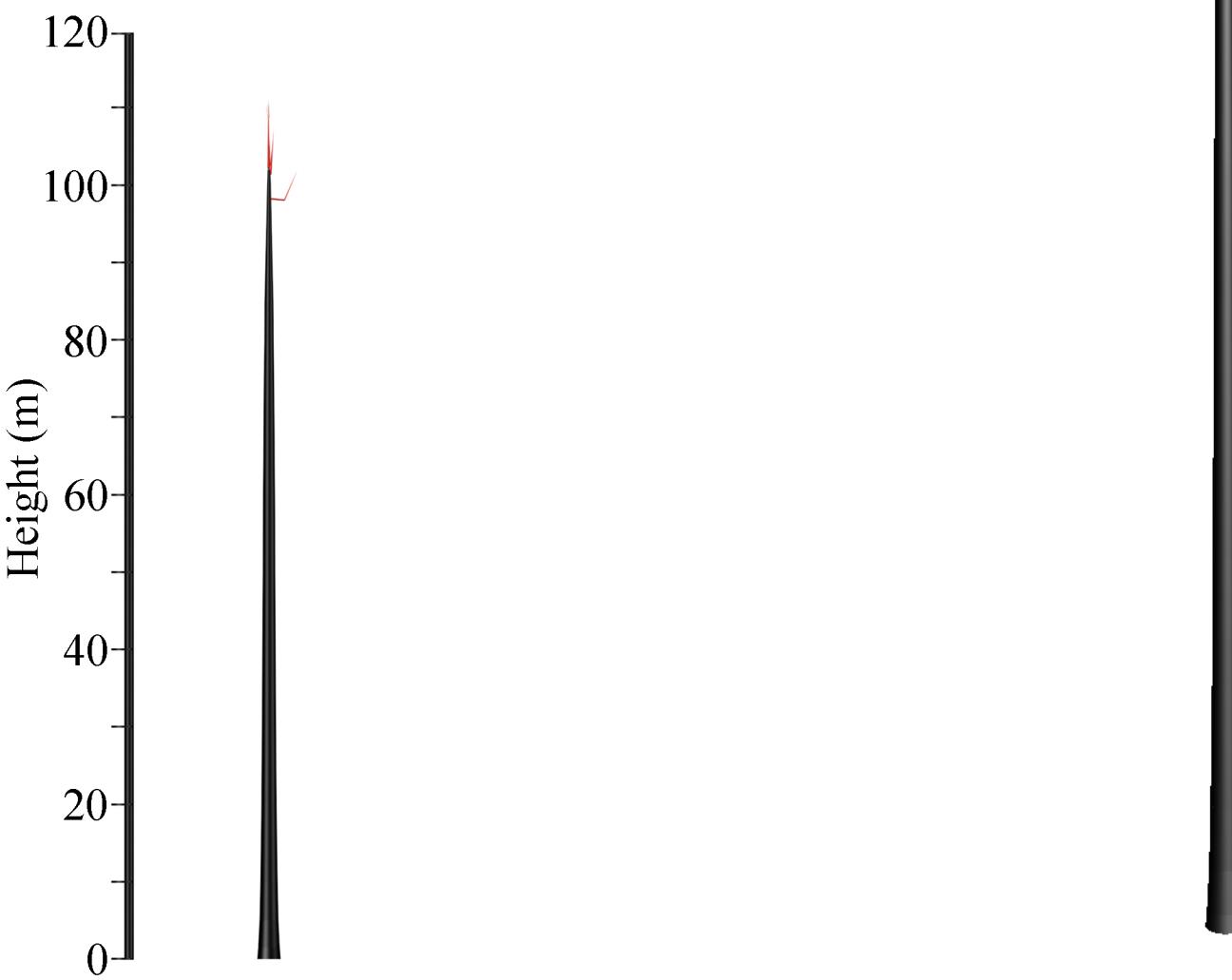
Total dry mass (Mg): 84

Cambium (m^2): 1565

Leaf mass (kg): 473

Leaf area (m^2): 2665

Millions of leaves: 271.5



SESE 66

Minimum age (years): 1000

Total dry mass (Mg): 85

Cambium (m^2): 1629

Leaf mass (kg): 501

Leaf area (m^2): 2820

Millions of leaves: 285.6

 Trunk  Segments
 Branches  Dead



SESE 67

Minimum age (years): 620

Total dry mass (Mg): 1629

Cambium (m^2): 1629

Leaf mass (kg): 492

Leaf area (m^2): 2767

Millions of leaves: 282

 Trunk  Segments
 Branches  Dead



SESE 68

Minimum age (years): 1300

Total dry mass (Mg): 95

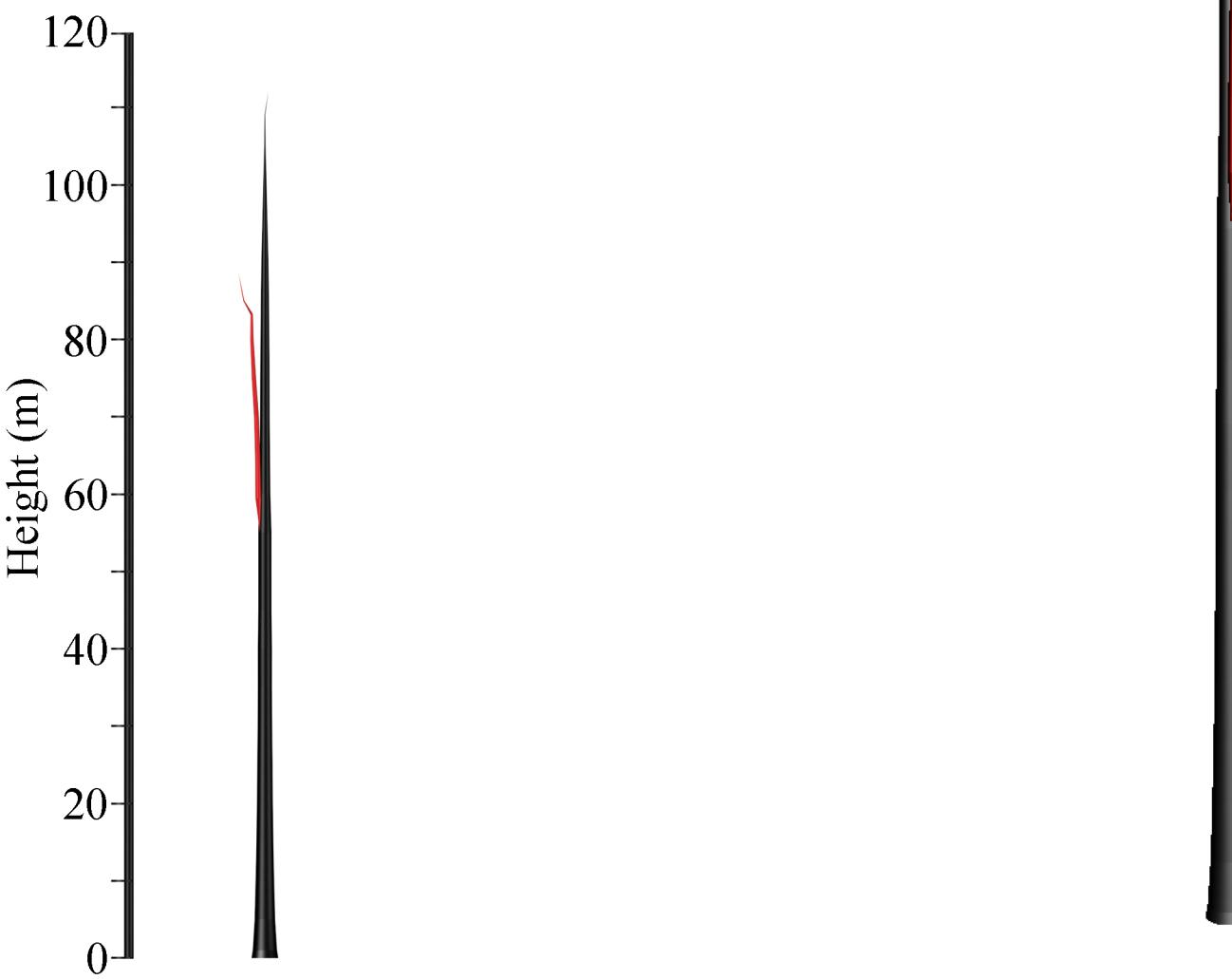
Cambium (m^2): 2016

Leaf mass (kg): 635

Leaf area (m^2): 3607

Millions of leaves: 375.8

 Trunk  Segments
 Branches  Dead



SESE 69

Minimum age (years): 1400

Total dry mass (Mg): 96

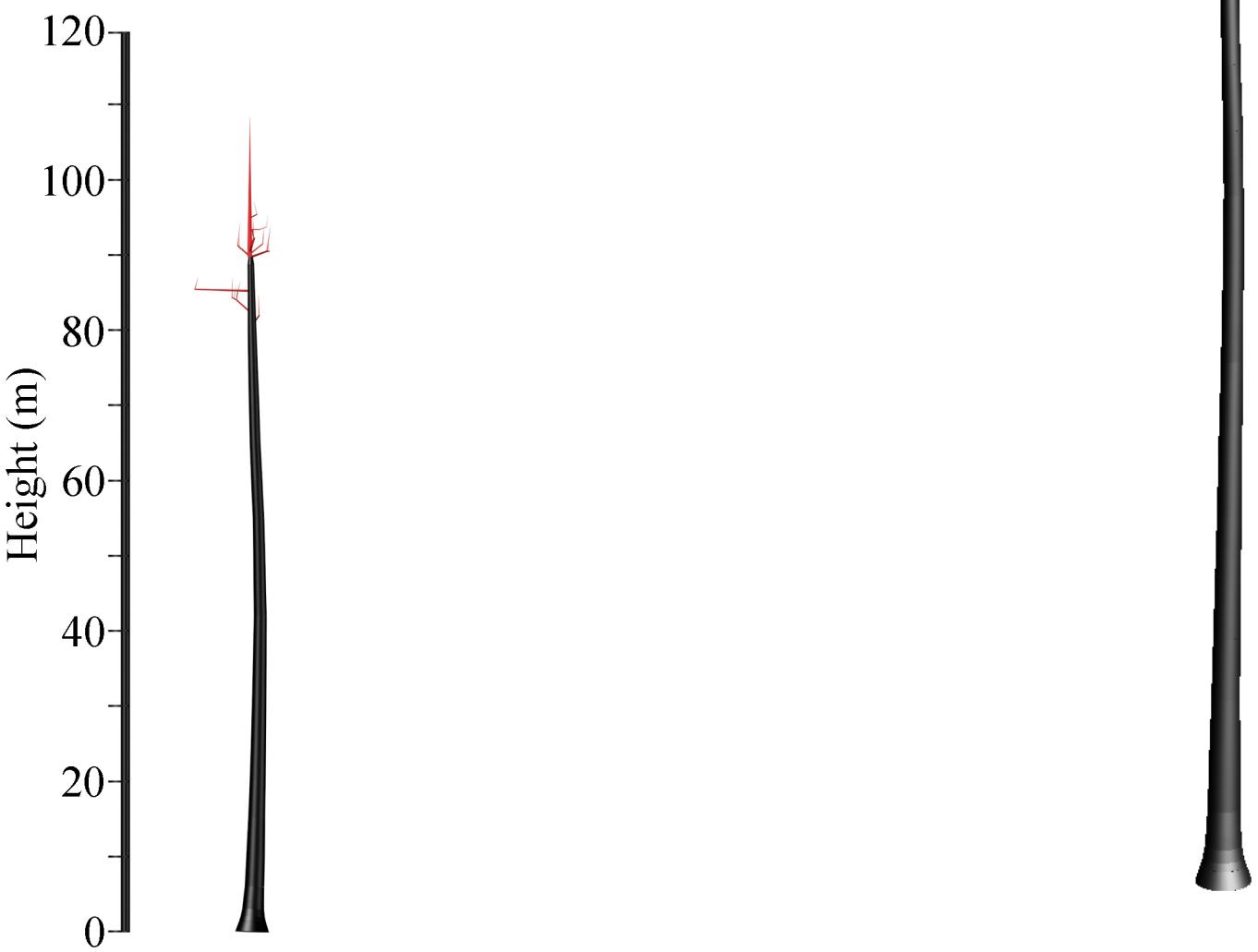
Cambium (m^2): 1803

Leaf mass (kg): 553

Leaf area (m^2): 3123

Millions of leaves: 322.3

 Trunk  Segments
 Branches  Dead



SESE 70

Minimum age (years): 750

Total dry mass (Mg): 116

Cambium (m^2): 1911

Leaf mass (kg): 580

Leaf area (m^2): 3260

Millions of leaves: 333.8

 Trunk  Segments
 Branches  Dead



SESE 71

Minimum age (years): 1000

Total dry mass (Mg): 130

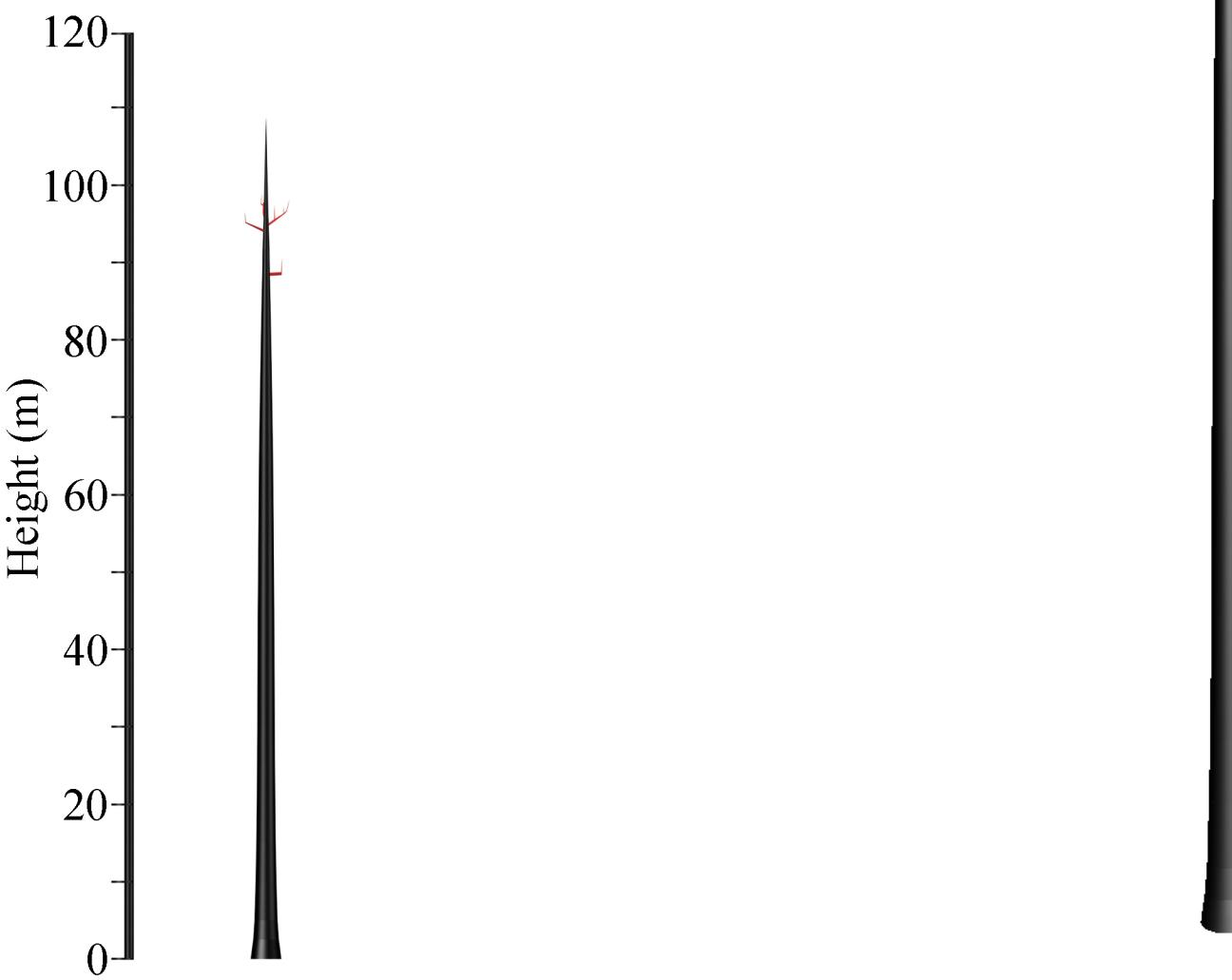
Cambium (m^2): 1962

Leaf mass (kg): 583

Leaf area (m^2): 3278

Millions of leaves: 338.6

 Trunk  Segments
 Branches  Dead



SESE 72

Minimum age (years): 900

Total dry mass (Mg): 143

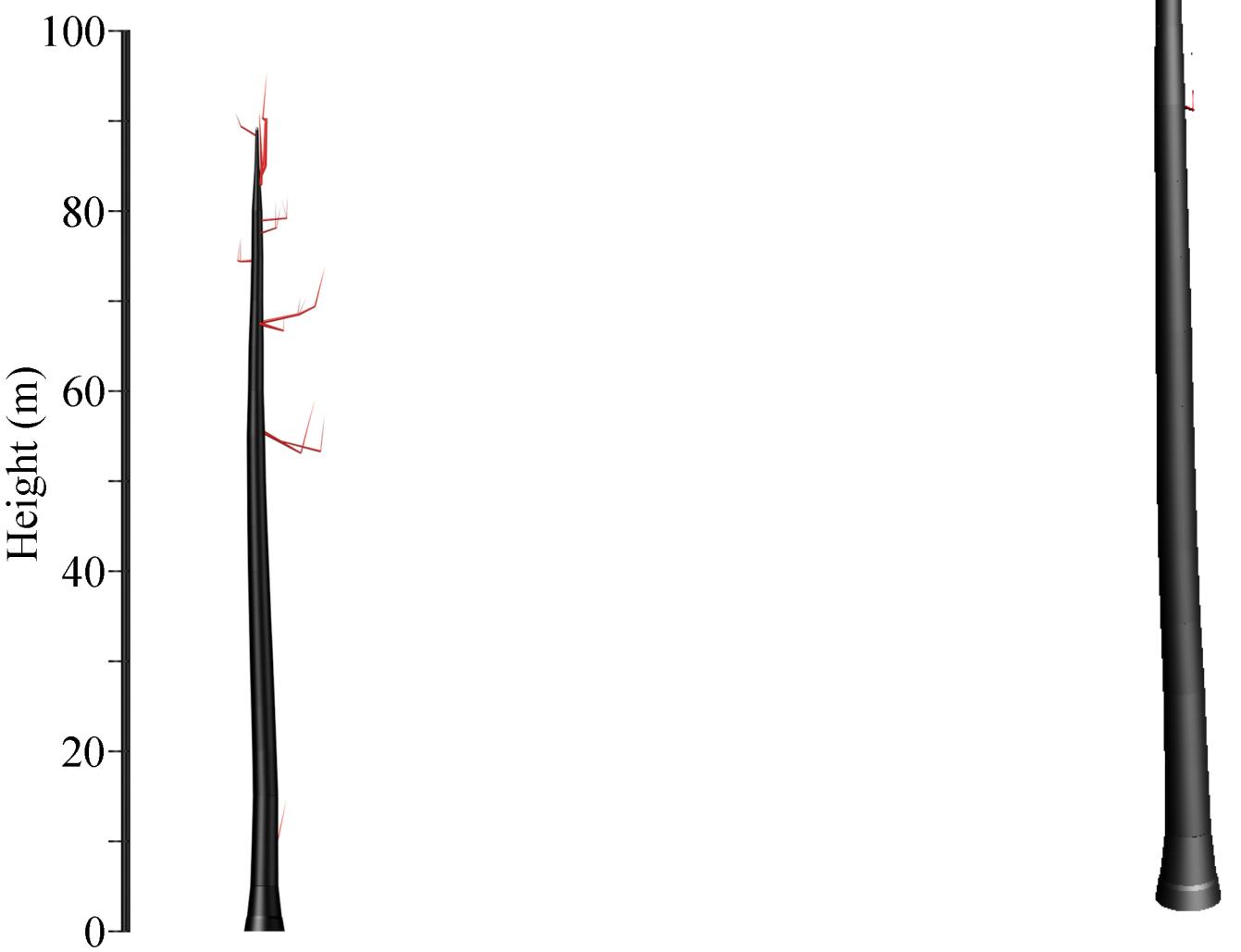
Cambium (m^2): 2233

Leaf mass (kg): 674

Leaf area (m^2): 3801

Millions of leaves: 396.1

 Trunk  Segments
 Branches  Dead



SESE 73

Minimum age (years): 900

Total dry mass (Mg): 152

Cambium (m^2): 2823

Leaf mass (kg): 877

Leaf area (m^2): 5041

Millions of leaves: 550.0

 Trunk  Segments
 Branches  Dead



SESE 74

Minimum age (years): 1930

Total dry mass (Mg): 158

Cambium (m^2): 2338

Leaf mass (kg): 698

Leaf area (m^2): 3967

Millions of leaves: 424.0

 Trunk  Segments
 Branches  Dead



SESE 75

Minimum age (years): 2000

Total dry mass (Mg): 164

Cambium (m^2): 2575

Leaf mass (kg): 762

Leaf area (m^2): 4393

Millions of leaves: 489.9

 Trunk  Segments
 Branches  Dead



SESE 76

Minimum age (years): 1100

Total dry mass (Mg): 168

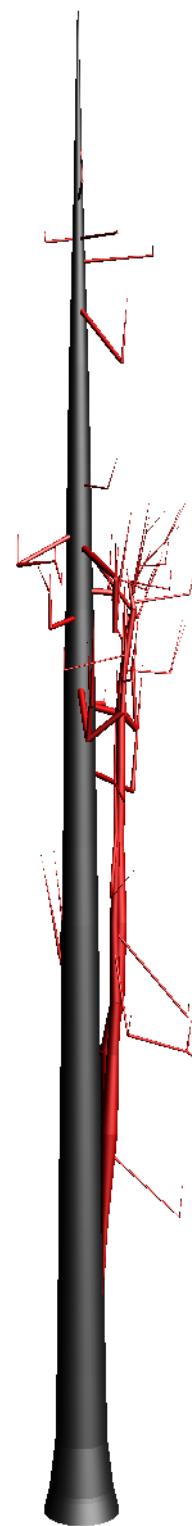
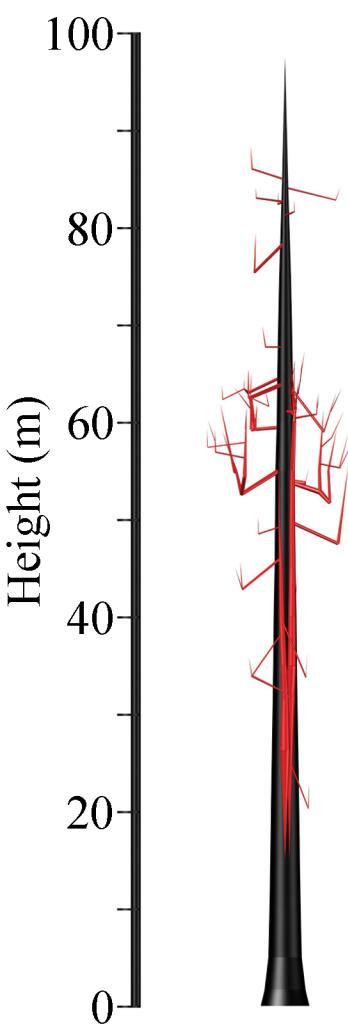
Cambium (m^2): 2999

Leaf mass (kg): 929

Leaf area (m^2): 5328

Millions of leaves: 580.1

 Trunk  Segments
 Branches  Dead



SESE 77

Minimum age (years): 1000

Total dry mass (Mg): 170

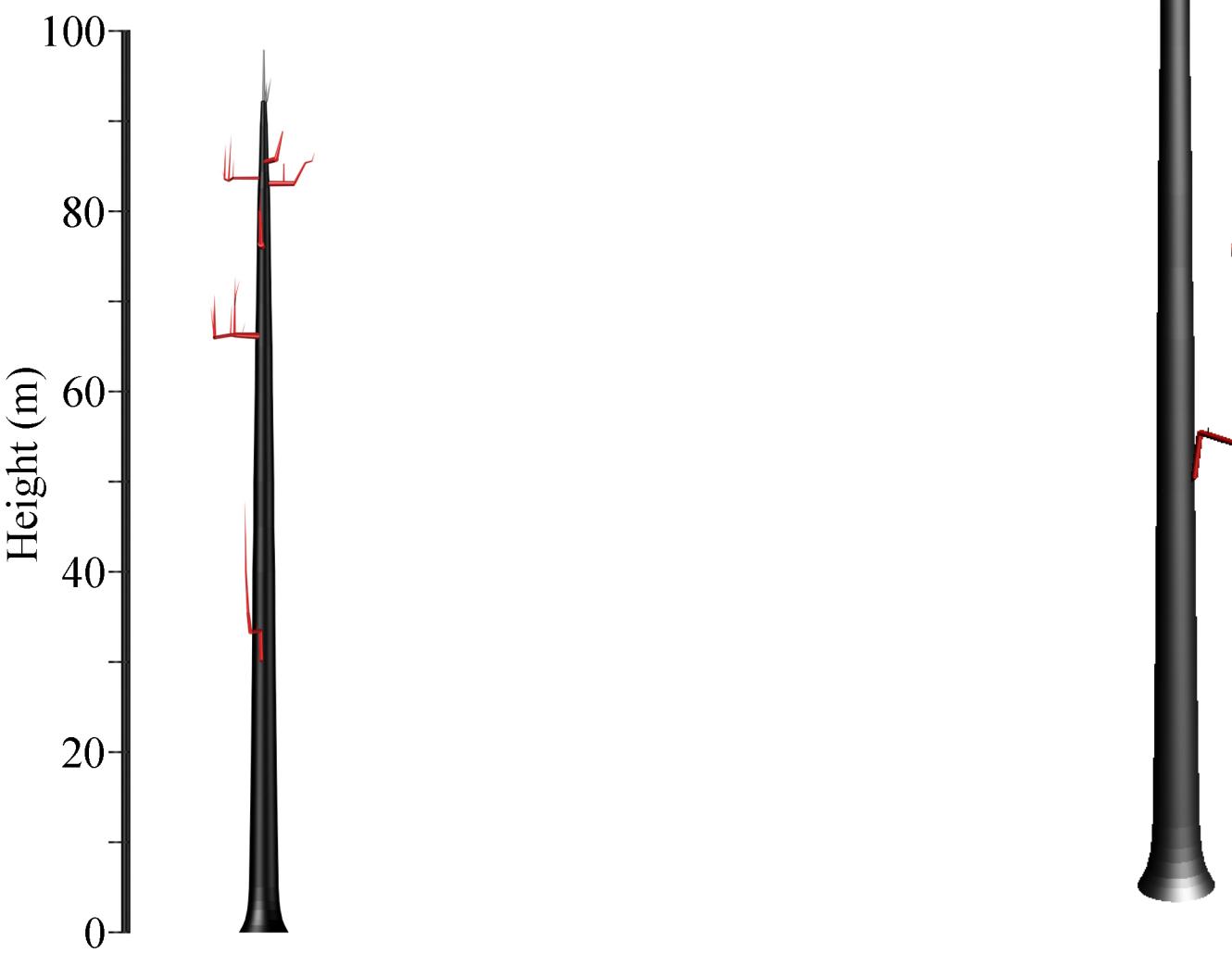
Cambium (m^2): 2481

Leaf mass (kg): 744

Leaf area (m^2): 4199

Millions of leaves: 442.8

 Trunk  Segments
 Branches  Dead



SESE 78

Minimum age (years): 920

Total dry mass (Mg): 176

Cambium (m^2): 2805

Leaf mass (kg): 843

Leaf area (m^2): 4822

Millions of leaves: 526.2

 Trunk  Segments
 Branches  Dead



SESE 79

Minimum age (years): 1400

Total dry mass (Mg): 218

Cambium (m^2): 3060

Leaf mass (kg): 908

Leaf area (m^2): 5267

Millions of leaves: 597.9

 Trunk  Segments
 Branches  Dead



SESE 80

Minimum age (years): 2040

Total dry mass (Mg): 227

Cambium (m^2): 3155

Leaf mass (kg): 964

Leaf area (m^2): 5416

Millions of leaves: 566.6

 Trunk  Segments
 Branches  Dead



SESE 81

Minimum age (years): 1600

Total dry mass (Mg): 228

Cambium (m^2): 2609

Leaf mass (kg): 741

Leaf area (m^2): 4175

Millions of leaves: 449.5

 Trunk  Segments
 Branches  Dead



SESE 82

Minimum age (years): 1200

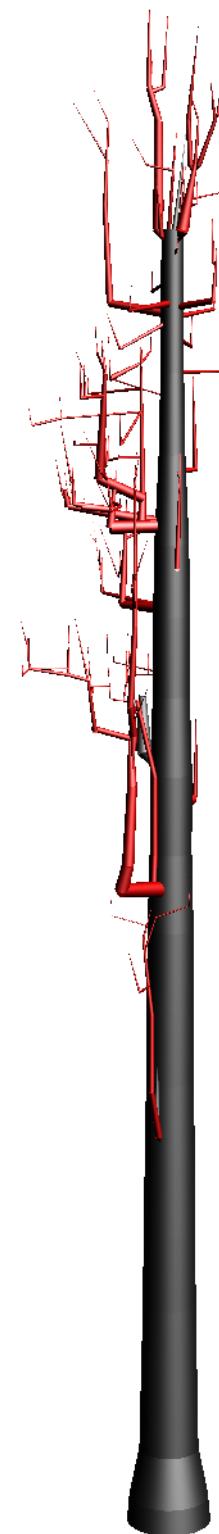
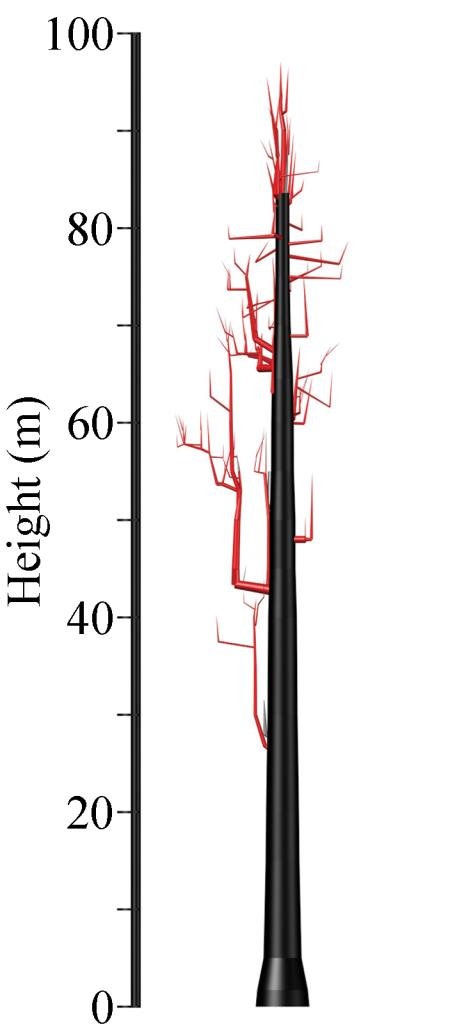
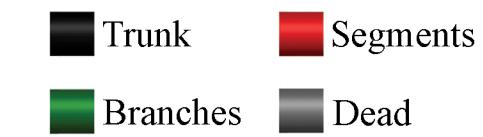
Total dry mass (Mg): 232

Cambium (m^2): 3259

Leaf mass (kg): 965

Leaf area (m^2): 5535

Millions of leaves: 615.6



SESE 83

Minimum age (years): 1500

Total dry mass (Mg): 239

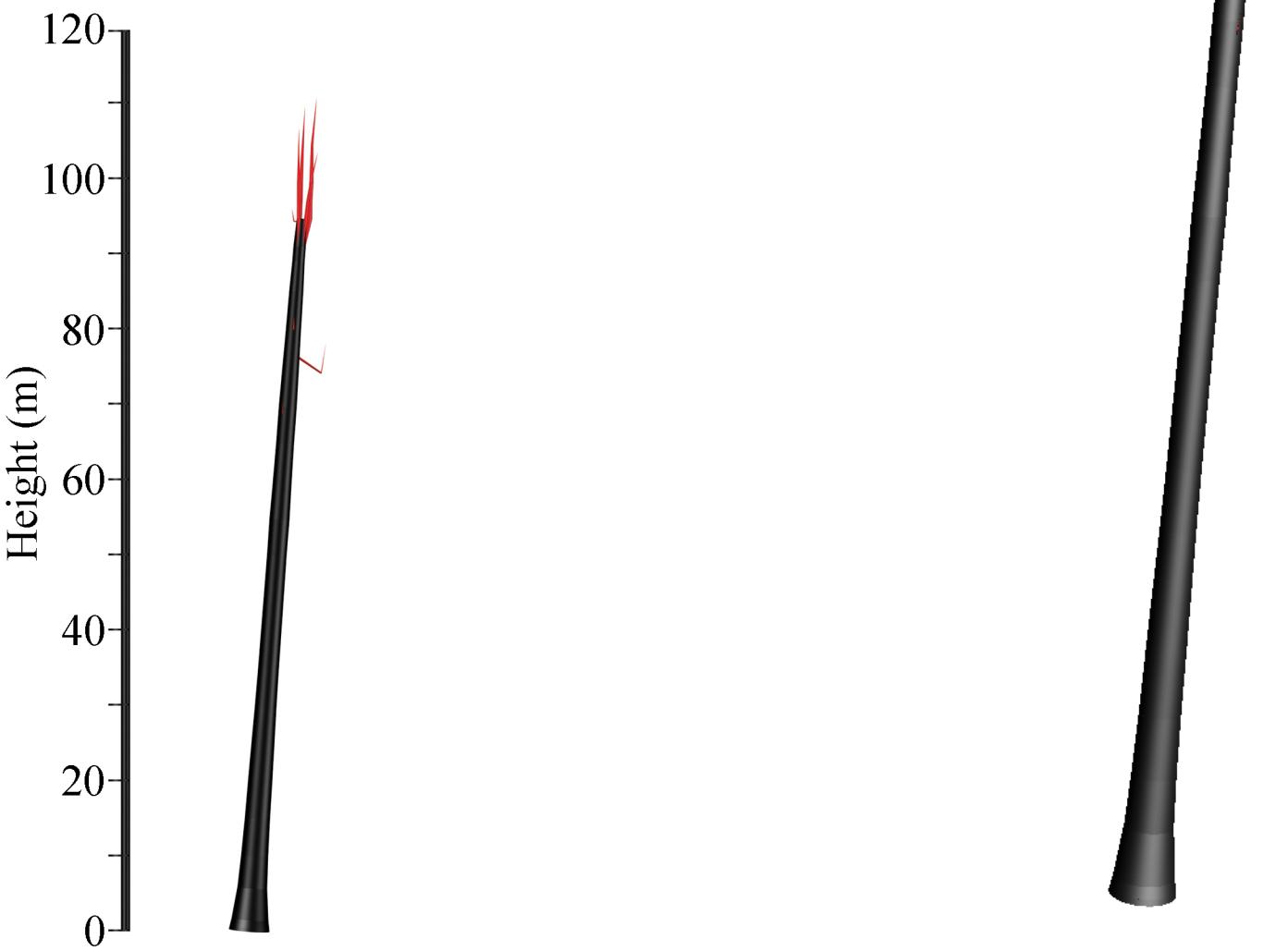
Cambium (m^2): 2727

Leaf mass (kg): 780

Leaf area (m^2): 4391

Millions of leaves: 471.8

 Trunk  Segments
 Branches  Dead



SESE 84

Minimum age (years): 1400

Total dry mass (Mg): 245

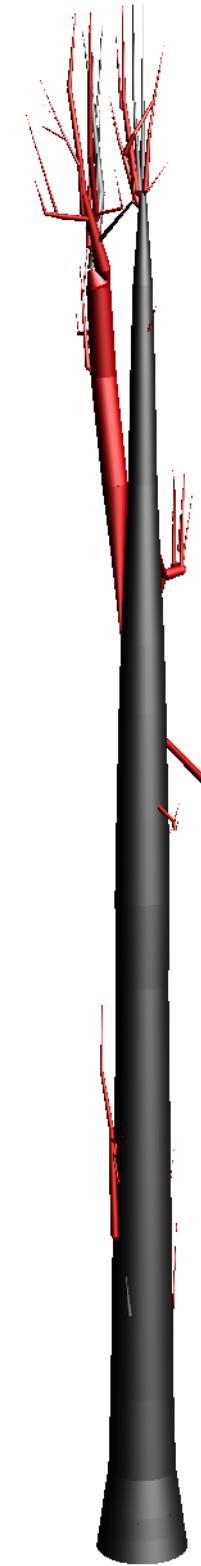
Cambium (m^2): 3216

Leaf mass (kg): 957

Leaf area (m^2): 5446

Millions of leaves: 594.1

 Trunk  Segments
 Branches  Dead



SESE 85

Minimum age (years): 1400

Total dry mass (Mg): 257

Cambium (m^2): 4049

Leaf mass (kg): 1229

Leaf area (m^2): 7187

Millions of leaves: 831.0

 Trunk  Segments
 Branches  Dead



SESE 86

Minimum age (years): 1300

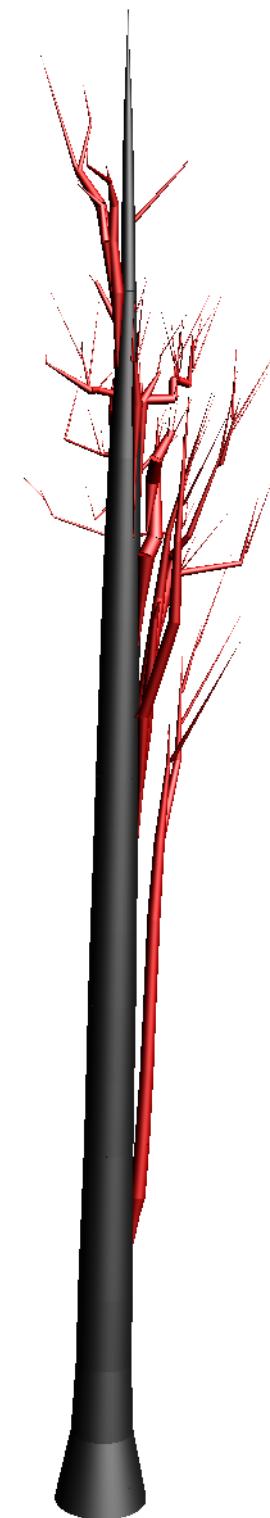
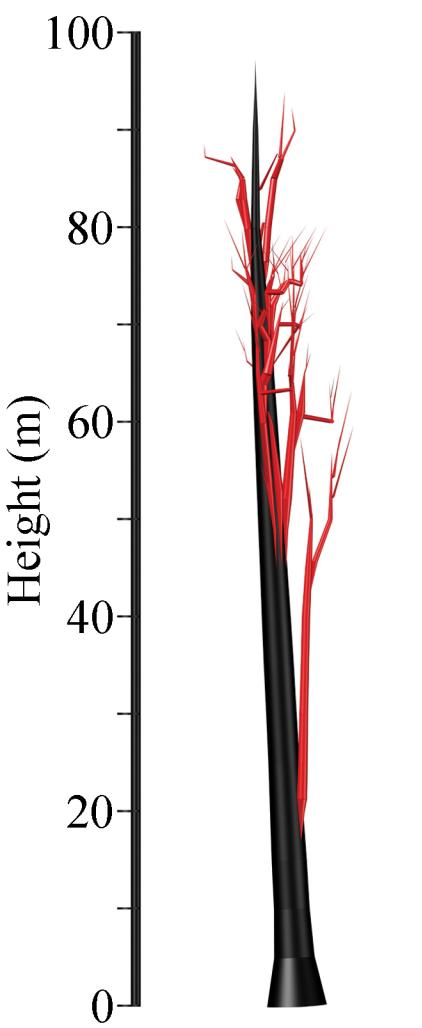
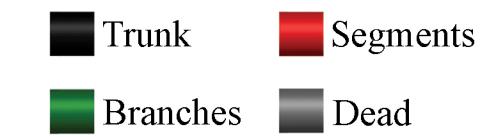
Total dry mass (Mg): 261

Cambium (m^2): 3784

Leaf mass (kg): 1141

Leaf area (m^2): 6575

Millions of leaves: 737.6



SESE 87

Minimum age (years): 1400

Total dry mass (Mg): 262

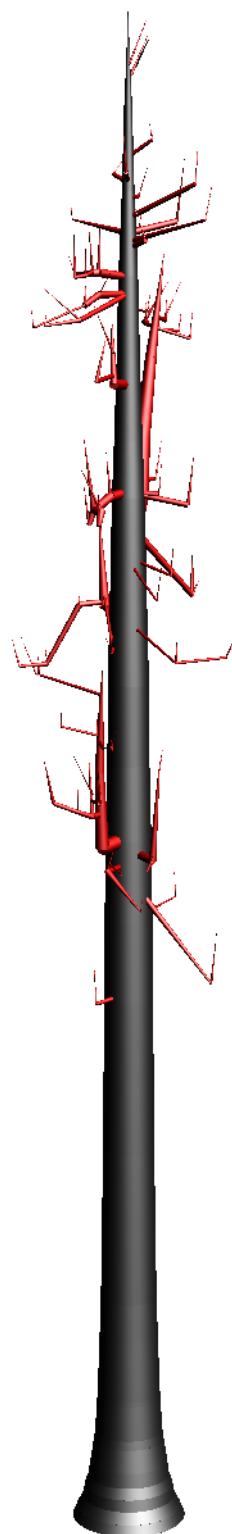
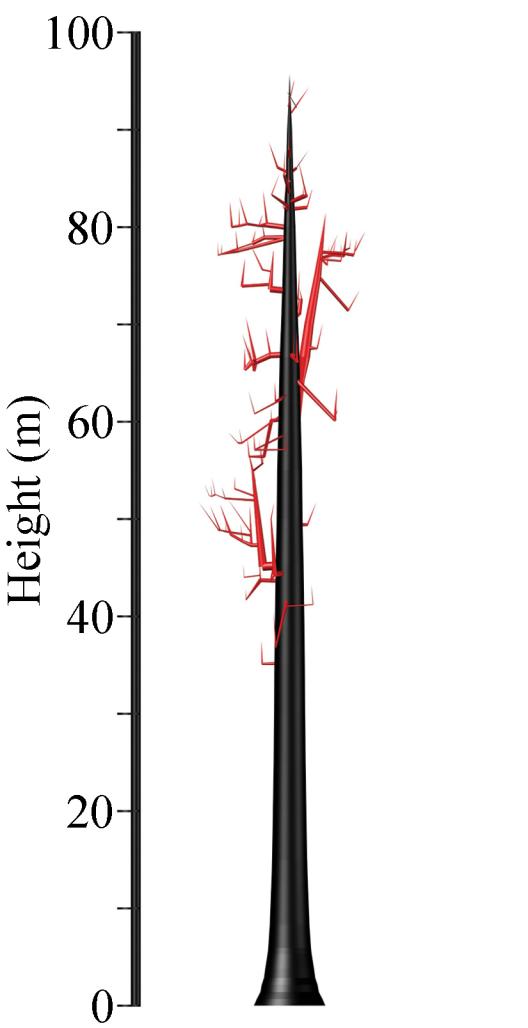
Cambium (m^2): 3456

Leaf mass (kg): 1031

Leaf area (m^2): 5871

Millions of leaves: 642.4

 Trunk  Segments
 Branches  Dead



SESE 88

Minimum age (years): 2510

Total dry mass (Mg): 263

Cambium (m^2): 2483

Leaf mass (kg): 727

Leaf area (m^2): 4143

Millions of leaves: 450.1

 Trunk  Segments
 Branches  Dead



SESE 89

Minimum age (years): 1500

Total dry mass (Mg): 281

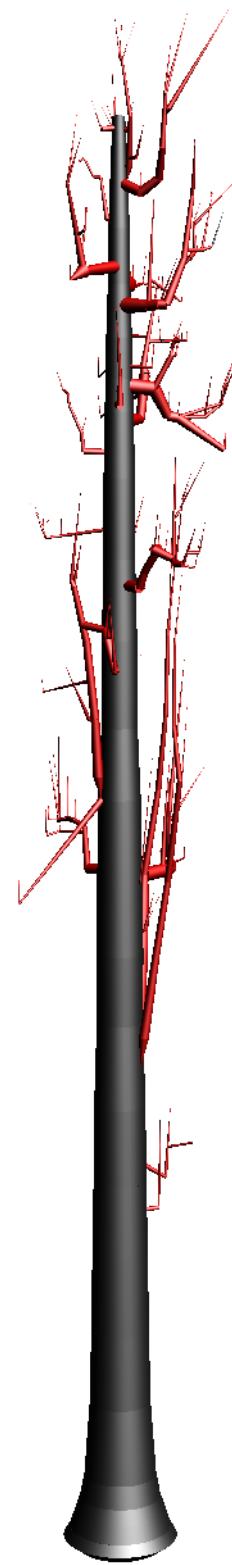
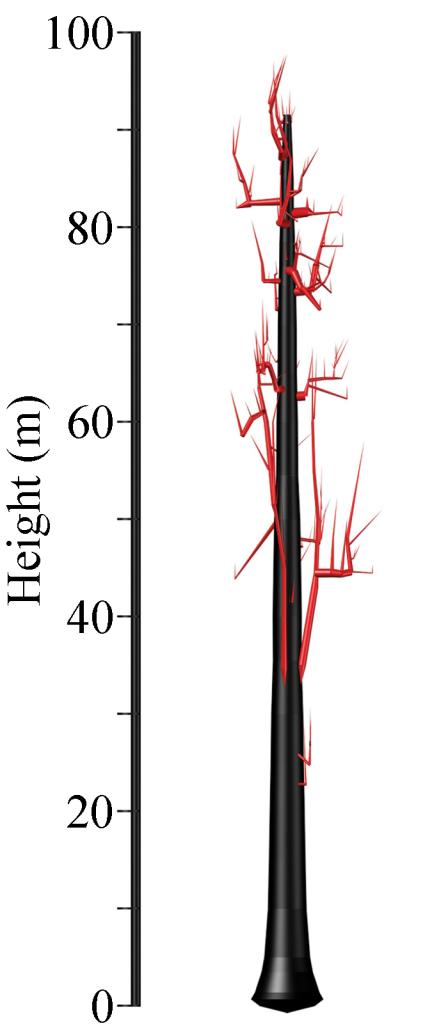
Cambium (m^2): 3702

Leaf mass (kg): 1098

Leaf area (m^2): 6292

Millions of leaves: 701.3

 Trunk  Segments
 Branches  Dead



SESE 90

Minimum age (years): 1700

Total dry mass (Mg): 318

Cambium (m^2): 3929

Leaf mass (kg): 1150

Leaf area (m^2): 6676

Millions of leaves: 770.4

 Trunk  Segments
 Branches  Dead



SESE 91

Minimum age (years): 1210

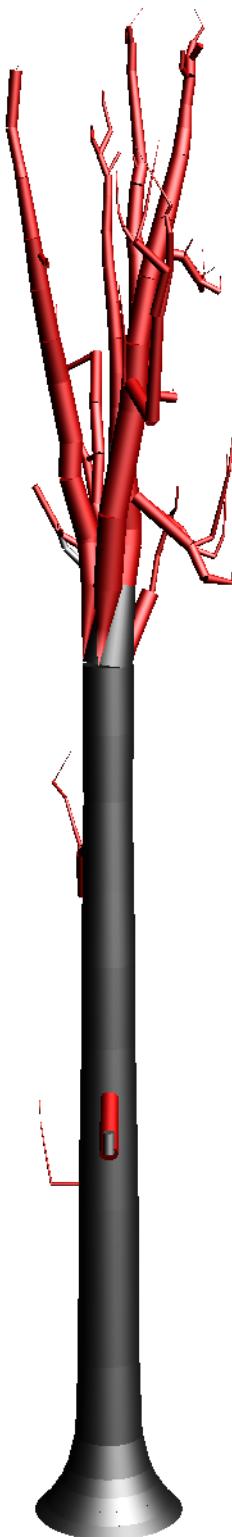
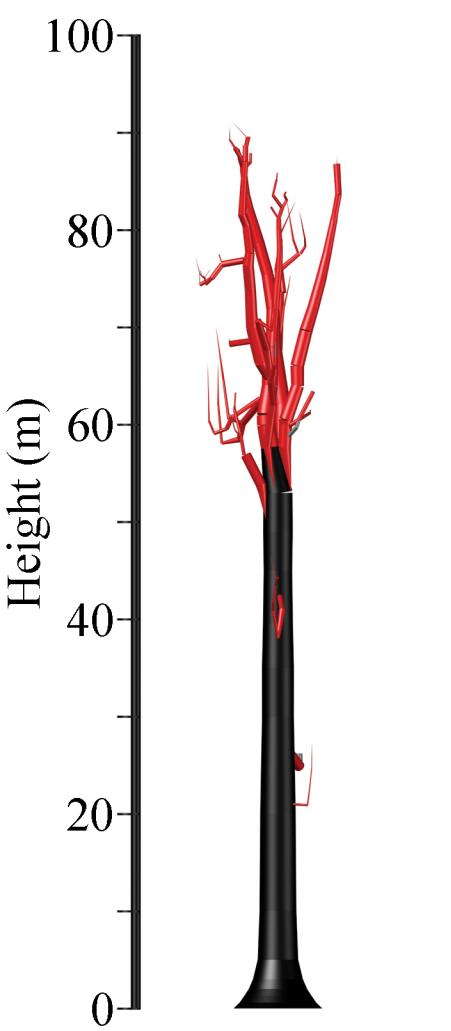
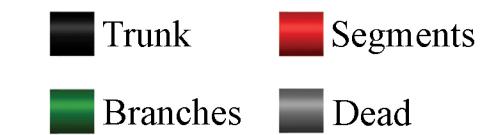
Total dry mass (Mg): 347

Cambium (m^2): 4607

Leaf mass (kg): 1399

Leaf area (m^2): 8087

Millions of leaves: 916.4



SESE 92

Minimum age (years): 1700

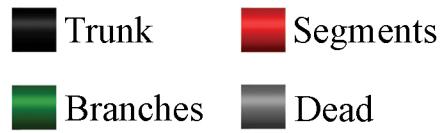
Total dry mass (Mg): 351

Cambium (m^2): 3777

Leaf mass (kg): 1089

Leaf area (m^2): 6201

Millions of leaves: 690.4



SESE 93

Minimum age (years): 1930

Total dry mass (Mg): 355

Cambium (m^2): 3534

Leaf mass (kg): 1021

Leaf area (m^2): 5714

Millions of leaves: 610.8

 Trunk  Segments
 Branches  Dead



SESE 94

Minimum age (years): 2000

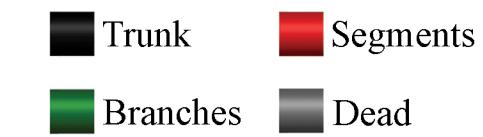
Total dry mass (Mg): 369

Cambium (m^2): 4206

Leaf mass (kg): 1233

Leaf area (m^2): 7057

Millions of leaves: 793.2



SESE 95

Minimum age (years): 1700

Total dry mass (Mg): 372

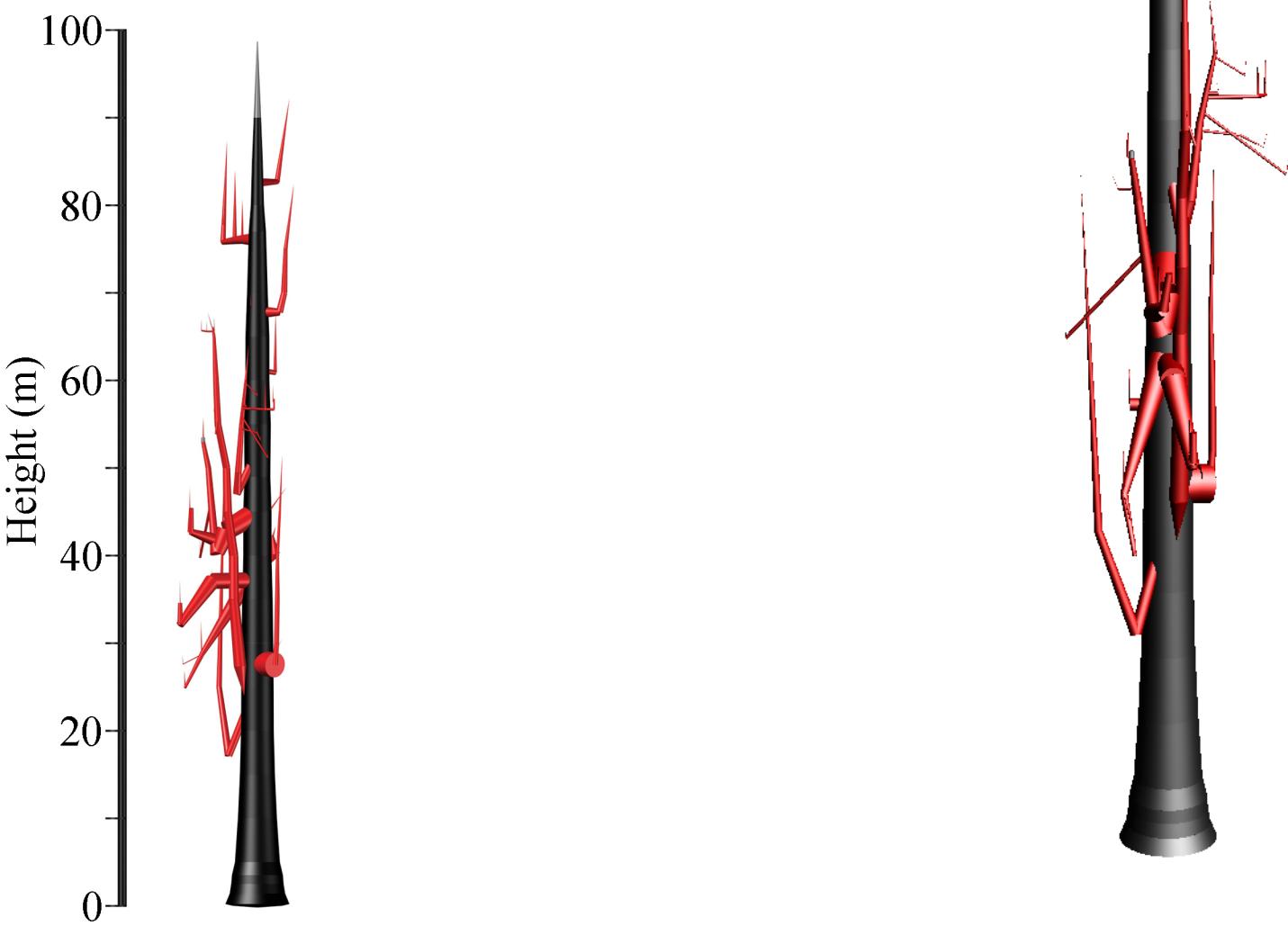
Cambium (m^2): 4348

Leaf mass (kg): 1285

Leaf area (m^2): 7396

Millions of leaves: 838.8

 Trunk  Segments
 Branches  Dead



SESE 96

Minimum age (years): 2300

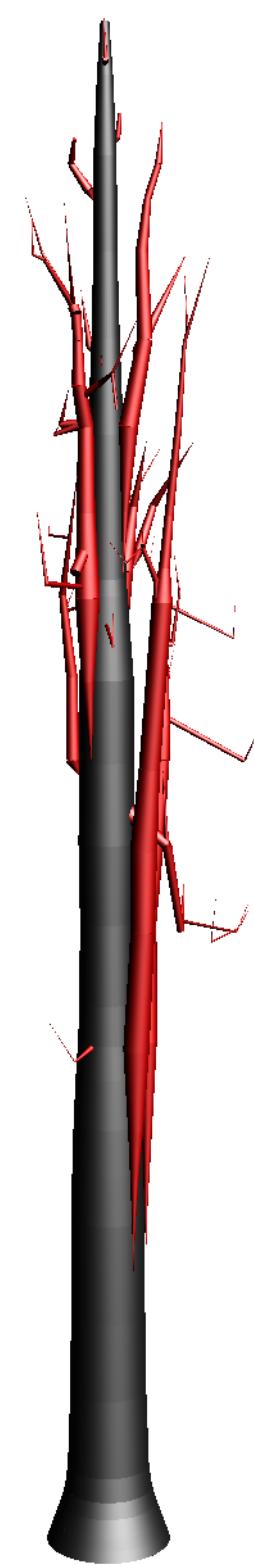
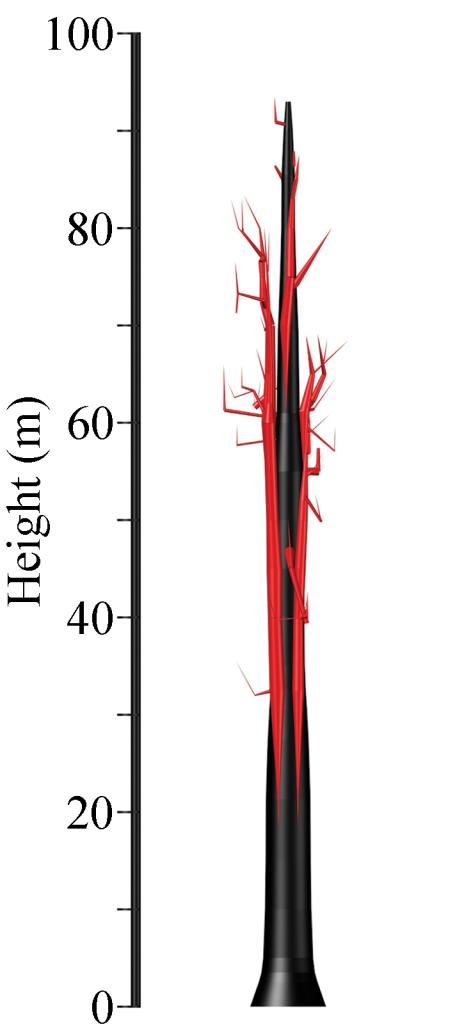
Total dry mass (Mg): 410

Cambium (m^2): 4672

Leaf mass (kg): 1377

Leaf area (m^2): 7935

Millions of leaves: 905.4



SESE 97

Minimum age (years): 1800

Total dry mass (Mg): 425

Cambium (m^2): 5467

Leaf mass (kg): 1636

Leaf area (m^2): 9549

Millions of leaves: 1115.6

