BEM Output Report

July 25, 2014

1 Input

c_2	1	a_2	-0.0018	fAge	160
c_3	0.4	a	1.5		
c_4	0	b	1.5		
a_0	0.5	iAge	20		
a_1	0.5	rAge	40		

Age	c_1	m	k_V	k_N	c_0
20	0.1900	2.9000	1.6500	0.6500	1.0000
30	0.1900	2.9000	1.6500	0.6500	1.0000
40	0.1900	2.9000	1.6500	0.6500	1.0000
50	0.1900	2.9000	1.6500	0.6500	1.0000
60	0.1900	2.9000	1.6500	0.6500	1.0000
70	0.1900	2.9000	1.6500	0.6500	1.0000
80	0.1900	2.9000	1.6500	0.6500	1.0000
90	0.1900	2.9000	1.6500	0.6500	1.0000
100	0.1900	2.9000	1.6500	0.6500	1.0000
110	0.1900	2.9000	1.6500	0.6500	1.0000
120	0.1900	2.9000	1.6500	0.6500	1.0000
130	0.1900	2.9000	1.6500	0.6500	1.0000
140	0.1900	2.9000	1.6500	0.6500	1.0000
150	0.1900	2.9000	1.6500	0.6500	1.0000
160	0.1900	2.9000	1.6500	0.6500	1.0000

Table 1: Growth and management related model parameters.

2 Results

Age	MVOL	TVOL	RVOL	CVOL	TVP	MAI	CAI
20	15	1	15	0	15	0.77	1.47
30	67	8	59	1	67	2.25	5.19
40	150	25	125	8	158	3.96	9.10
50	241	44	197	34	275	5.49	11.63
60	324	58	266	78	402	6.69	12.69
70	392	66	326	135	528	7.54	12.61
80	444	68	376	201	645	8.07	11.77
90	482	66	415	269	751	8.34	10.54
100	507	62	446	335	843	8.43	9.17
110	524	56	468	397	921	8.37	7.84
120	534	49	485	453	987	8.23	6.61
130	541	43	498	502	1042	8.02	5.53
140	544	37	507	544	1088	7.77	4.60
150	545	31	514	581	1126	7.51	3.81
160	545	27	519	613	1158	7.24	3.16

Table 2: Volume and volume increment characteristics.

Age	MTREES	TTREES	RTREES	MHT	MBA	dg
20	1928	96	1833	6.5	4.2	5.3
30	1833	333	1500	10.9	11.7	9.0
40	1500	388	1112	15.0	19.7	12.9
50	1112	311	800	18.8	26.0	17.3
60	800	220	580	22.3	30.1	21.9
70	580	150	431	25.5	32.4	26.7
80	431	101	329	28.4	33.5	31.5
90	329	70	260	30.9	33.8	36.2
100	260	48	211	33.1	33.6	40.6
110	211	34	177	35.0	33.1	44.7
120	177	25	152	36.7	32.6	48.5
130	152	18	133	38.1	32.0	51.8
140	133	14	119	39.2	31.4	54.7
150	119	11	109	40.2	30.8	57.3
160	109	8	101	41.1	30.3	59.6

Table 3: Stem number, height and basal area characteristics.

Age	pV	pH	pNV	pNN	Mv	Mh
20	0.9480	0.6393	0.0323	0.0497	19.2448	2.7725
30	0.7759	0.4030	0.1180	0.1815	4.4631	1.6750
40	0.6066	0.2751	0.1683	0.2589	2.5417	1.3794
50	0.4825	0.2032	0.1821	0.2801	1.9323	1.2550
60	0.3916	0.1575	0.1787	0.2749	1.6438	1.1869
70	0.3214	0.1251	0.1677	0.2580	1.4736	1.1430
80	0.2650	0.1007	0.1532	0.2357	1.3605	1.1120
90	0.2189	0.0816	0.1373	0.2113	1.2802	1.0889
100	0.1809	0.0665	0.1214	0.1867	1.2209	1.0712
110	0.1496	0.0543	0.1061	0.1632	1.1759	1.0575
120	0.1237	0.0445	0.0919	0.1414	1.1412	1.0466
130	0.1023	0.0365	0.0790	0.1216	1.1139	1.0379
140	0.0846	0.0300	0.0676	0.1040	1.0924	1.0309
150	0.0699	0.0247	0.0575	0.0885	1.0752	1.0253
160	0.0578	0.0203	0.0488	0.0750	1.0614	1.0208

Table 4: Relative growth, removal rate and multipliers.

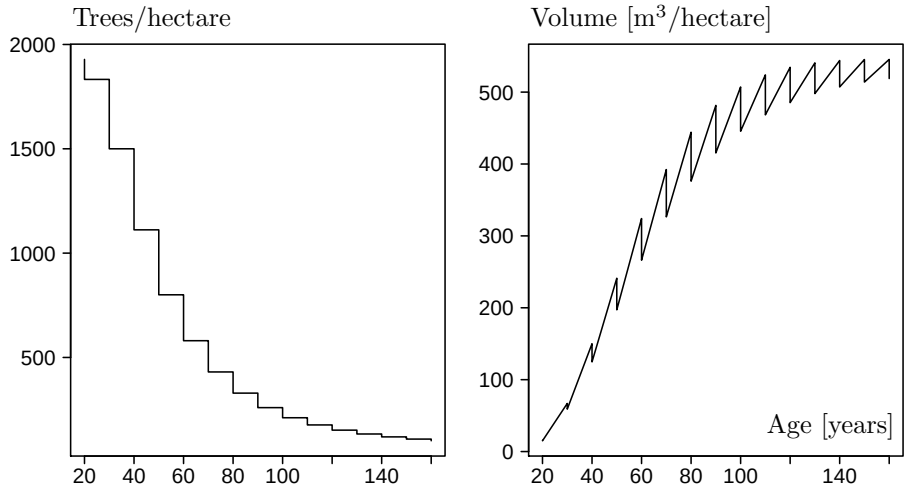

Figure 1: Trees/hectare (left) and volume/hectare (right).