

**Table S1.** Stem attributes from 2008 and 2017. Trees are sorted based on plot number, tree species and DBH in 2008 starting from the smallest tree. DBH, tree height (*h*), stem volume (*Vol*), tapering (*TAP*), cylindrical form factor (*f*), normal form quotient (*q<sub>0.5</sub>*), and height to diameter ratio (*HDR*) for each tree are reported from measurements for both 2008 and 2017.

Plot	Tree	Tree Species	2008							2017						
			DBH (cm)	<i>h</i> (m)	<i>Vol</i> (m <sup>3</sup> )	<i>TAP</i> (cm)	<i>f</i>	<i>q<sub>0.5</sub></i>	<i>HDR</i>	DBH (cm)	<i>h</i> (m)	<i>Vol</i> (m <sup>3</sup> )	<i>TAP</i> (cm)	<i>f</i>	<i>q<sub>0.5</sub></i>	<i>HDR</i>
1	1	<i>Pinus sylvestris</i> , L.	7.6	7.3	0.019	5.4	0.57	0.74	0.96	10.2	11.4	0.048	2.9	0.52	0.75	1.11
1	2	<i>Pinus sylvestris</i> , L.	7.7	7.1	0.017	6.4	0.51	0.70	0.92	10.7	11.0	0.058	2.7	0.59	0.79	1.03
1	3	<i>Pinus sylvestris</i> , L.	8.5	8.5	0.026	4.4	0.55	0.68	1.00	10.4	12.5	0.067	1.4	0.63	0.85	1.21
1	4	<i>Pinus sylvestris</i> , L.	8.6	9.4	0.038	2.3	0.69	0.98	1.09	10.6	12.5	0.061	1.7	0.56	0.82	1.18
1	5	<i>Pinus sylvestris</i> , L.	10.0	11.2	0.047	2.7	0.53	0.75	1.12	12.0	11.2	0.058	4.8	0.46	0.64	0.93
1	6	<i>Pinus sylvestris</i> , L.	11.0	11.4	0.043	5.7	0.39	0.49	1.03	11.6	14.8	0.069	4.1	0.44	0.63	1.27
1	7	<i>Pinus sylvestris</i> , L.	11.4	11.2	0.054	4.2	0.47	0.67	0.99	13.8	12.9	0.117	2.0	0.61	0.83	0.93
1	8	<i>Pinus sylvestris</i> , L.	12.2	12.8	0.079	2.7	0.53	0.75	1.05	15.5	16.0	0.222	1.0	0.73	1.00	1.03
1	9	<i>Pinus sylvestris</i> , L.	13.0	11.2	0.078	3.5	0.52	0.75	0.86	16.1	14.1	0.153	2.7	0.53	0.77	0.88
1	10	<i>Pinus sylvestris</i> , L.	14.5	11.9	0.092	5.5	0.47	0.62	0.82	18.2	15.2	0.234	2.8	0.59	0.82	0.84
2	11	<i>Picea Abies</i> (L.) H. Karst.	26.8	24.7	0.562	3.8	0.40	0.55	0.92	29.4	27.1	0.883	2.8	0.48	0.69	0.92
2	12	<i>Picea Abies</i> (L.) H. Karst.	27.2	27.1	0.722	2.6	0.46	0.65	1.00	29.6	28.2	0.932	2.2	0.48	0.70	0.95
2	13	<i>Picea Abies</i> (L.) H. Karst.	27.8	24.8	0.578	4.3	0.38	0.50	0.89	29.8	26.8	0.994	3.5	0.53	0.79	0.90
2	14	<i>Picea Abies</i> (L.) H. Karst.	29.8	26.2	0.946	2.9	0.52	0.76	0.88	32.5	28.0	1.080	2.6	0.47	0.66	0.86
2	15	<i>Picea Abies</i> (L.) H. Karst.	33.6	29.7	1.176	4.0	0.45	0.66	0.88	39.5	27.1	1.671	3.8	0.50	0.74	0.69
2	16	<i>Picea Abies</i> (L.) H. Karst.	39.0	28.6	1.237	6.5	0.36	0.49	0.73	43.6	30.1	1.786	6.5	0.40	0.57	0.69
3	17	<i>Acer Platanoides</i>	12.0	15.9	0.083	2.7	0.46	0.64	1.33	13.8	16.1	0.121	3.1	0.50	0.71	1.16
3	18	<i>Tilia cordata</i>	7.2	5.6	0.015	8.5	0.68	0.86	0.78	8.8	8.7	0.025	5.8	0.48	0.56	0.99
3	19	<i>Tilia cordata</i>	11.2	12.0	0.063	3.0	0.54	0.73	1.07	14.1	15.6	0.106	4.2	0.43	0.61	1.10
3	20	<i>Tilia cordata</i>	20.5	20.3	0.268	4.4	0.40	0.57	0.99	23.8	21.4	0.467	3.6	0.49	0.75	0.90
3	21	<i>Picea Abies</i> (L.) H. Karst.	15.8	15.9	0.140	3.9	0.45	0.60	1.01	19.5	18.9	0.278	3.1	0.49	0.69	0.97
3	22	<i>Picea Abies</i> (L.) H. Karst.	16.3	18.4	0.163	3.1	0.43	0.54	1.13	19.7	19.8	0.313	2.4	0.52	0.72	1.00
3	23	<i>Betula pendula</i>	27.5	24.8	0.558	7.1	0.38	0.54	0.90	27.7	24.9	0.597	5.4	0.40	0.56	0.90
3	24	<i>Betula pendula</i>	43.3	31.0	1.776	7.5	0.39	0.59	0.72	45.4	31.1	1.955	8.0	0.39	0.58	0.68
3	25	<i>Betula pendula</i>	45.0	30.9	1.855	5.4	0.38	0.55	0.69	46.0	31.0	2.260	5.5	0.44	0.64	0.67
4	26	<i>Populus tremula</i>	42.9	28.0	1.778	4.9	0.44	0.63	0.65	44.0	28.1	1.959	5.1	0.46	0.67	0.64
4	27	<i>Populus tremula</i>	49.2	32.6	2.204	7.5	0.36	0.51	0.66	53.9	35.2	3.375	8.3	0.42	0.64	0.65
4	28	<i>Picea Abies</i> (L.) H. Karst.	6.2	5.0	0.013	10.7	0.82	0.93	0.80	6.4	6.0	0.013	5.9	0.68	0.78	0.94
4	29	<i>Picea Abies</i> (L.) H. Karst.	18.9	15.6	0.246	2.0	0.56	0.79	0.83	19.1	16.5	0.260	1.9	0.55	0.78	0.86
4	30	<i>Picea Abies</i> (L.) H. Karst.	19.6	17.1	0.262	2.3	0.51	0.70	0.87	22.0	20.8	0.353	3.1	0.45	0.62	0.95
4	31	<i>Picea Abies</i> (L.) H. Karst.	30.7	32.4	1.006	2.8	0.42	0.58	1.06	34.4	34.3	1.417	3.5	0.44	0.65	1.00
4	32	<i>Picea Abies</i> (L.) H. Karst.	39.9	34.0	1.539	4.4	0.36	0.50	0.85	40.8	34.0	1.917	3.0	0.43	0.61	0.83
4	33	<i>Picea Abies</i> (L.) H. Karst.	50.7	33.6	2.558	4.9	0.38	0.51	0.66	53.3	34.8	3.925	3.6	0.51	0.75	0.65
4	34	<i>Betula pendula</i>	22.6	27.0	0.469	1.2	0.43	0.57	1.20	24.1	27.1	0.587	2.1	0.47	0.65	1.12
4	35	<i>Betula pendula</i>	29.0	29.0	0.690	2.8	0.30	0.28	0.92	29.4	29.2	0.956	2.1	0.48	0.69	0.99

**Table S2.** The change in stem attributes between 2008 and 2017. Variables describing stem form are presented both in absolute and relative values. Trees are presented in same plot, species and size -based order as in table S1. Change in stem volume ( $\Delta Vol$ ), tapering ( $\Delta TAP$ ), cylindrical form factor ( $\Delta f$ ), normal form quotient ( $\Delta q_{0.5}$ ) and height to diameter ratio ( $\Delta HDR$ ) is given in original units and the percentual change in parenthesis.

Plot	Tree	Tree Species	$\Delta Vol$ , m <sup>3</sup> (%)	$\Delta TAP$ , cm (%)	$\Delta f$ (%)	$\Delta q_{0.5}$ (%)	$\Delta HDR$ (%)
1	1	<i>Pinus sylvestris</i> , L.	0.029 (152.4%)	-2.5 (-46%)	-0.06 (-10%)	0.01 (2%)	0.16 (16%)
1	2	<i>Pinus sylvestris</i> , L.	0.041 (240.3%)	-3.7 (-58%)	0.07 (14%)	0.09 (13%)	0.11 (12%)
1	3	<i>Pinus sylvestris</i> , L.	0.041 (154.2%)	-3.0 (-68%)	0.09 (16%)	0.17 (25%)	0.21 (21%)
1	4	<i>Pinus sylvestris</i> , L.	0.024 (63.3%)	-0.6 (-26%)	-0.13 (-19%)	-0.17 (-17%)	0.09 (8%)
1	5	<i>Pinus sylvestris</i> , L.	0.012 (25.2%)	2.1 (78%)	-0.07 (-13%)	-0.11 (-14%)	-0.19 (-17%)
1	6	<i>Pinus sylvestris</i> , L.	0.026 (61.8%)	-1.6 (-28%)	0.05 (13%)	0.14 (28%)	0.24 (23%)
1	7	<i>Pinus sylvestris</i> , L.	0.063 (117.1%)	-2.2 (-52%)	0.13 (28%)	0.17 (25%)	-0.05 (-5%)
1	8	<i>Pinus sylvestris</i> , L.	0.144 (182.8%)	-1.7 (-63%)	0.20 (38%)	0.25 (33%)	-0.02 (-2%)
1	9	<i>Pinus sylvestris</i> , L.	0.075 (96.2%)	-0.8 (-23%)	0.01 (2%)	0.02 (3%)	0.01 (2%)
1	10	<i>Pinus sylvestris</i> , L.	0.142 (154.4%)	-2.7 (-49%)	0.12 (26%)	0.19 (31%)	0.01 (2%)
2	11	<i>Picea Abies</i> (L.) H. Karst.	0.321 (57.2%)	-1.0 (-26%)	0.07 (18%)	0.14 (25%)	0.00 (0%)
2	12	<i>Picea Abies</i> (L.) H. Karst.	0.210 (29.1%)	-0.4 (-15%)	0.02 (4%)	0.05 (7%)	-0.05 (-5%)
2	13	<i>Picea Abies</i> (L.) H. Karst.	0.416 (71.9%)	-0.8 (-19%)	0.15 (39%)	0.29 (58%)	0.01 (1%)
2	14	<i>Picea Abies</i> (L.) H. Karst.	0.135 (14.2%)	-0.3 (-10%)	-0.05 (-10%)	-0.10 (-13%)	-0.02 (-2%)
2	15	<i>Picea Abies</i> (L.) H. Karst.	0.495 (42.1%)	-0.2 (-5%)	0.06 (12%)	0.08 (12%)	-0.20 (-22%)
2	16	<i>Picea Abies</i> (L.) H. Karst.	0.549 (44.4%)	0 (0%)	0.04 (10%)	0.08 (17%)	-0.04 (-6%)
3	17	<i>Acer Platanoides</i>	0.038 (45.7%)	0.4 (15%)	0.04 (8%)	0.07 (10%)	-0.16 (-12%)
3	18	<i>Tilia cordata</i>	0.010 (62%)	-2.7 (-32%)	-0.20 (-29%)	-0.30 (-35%)	0.22 (28%)
3	19	<i>Tilia cordata</i>	0.042 (66.7%)	1.2 (40%)	-0.11 (-20%)	-0.12 (-17%)	0.03 (3%)
3	20	<i>Tilia cordata</i>	0.199 (74.1%)	-0.8 (-18%)	0.09 (23%)	0.17 (30%)	-0.09 (-9%)
3	21	<i>Picea Abies</i> (L.) H. Karst.	0.137 (97.6%)	-0.8 (-21%)	0.04 (10%)	0.10 (16%)	-0.04 (-4%)
3	22	<i>Picea Abies</i> (L.) H. Karst.	0.150 (91.5%)	-0.7 (-23%)	0.09 (21%)	0.18 (35%)	-0.13 (-11%)
3	23	<i>Betula pendula</i>	0.040 (7.1%)	-1.7 (-24%)	0.02 (5%)	0.02 (4%)	-0.01 (-1%)
3	24	<i>Betula pendula</i>	0.179 (10.1%)	0.5 (7%)	0.00 (0%)	-0.01 (-2%)	-0.03 (-4%)
3	25	<i>Betula pendula</i>	0.405 (21.8%)	0.1 (2%)	0.06 (16%)	0.09 (16%)	-0.01 (-2%)
4	26	<i>Populus tremula</i>	0.181 (10.2%)	0.2 (4%)	0.02 (5%)	0.04 (6%)	-0.01 (-2%)
4	27	<i>Populus tremula</i>	1.171 (53.1%)	0.8 (11%)	0.07 (18%)	0.13 (26%)	-0.01 (-1%)
4	28	<i>Picea Abies</i> (L.) H. Karst.	0.001 (4.3%)	-4.8 (-45%)	-0.14 (-17%)	-0.14 (-16%)	0.14 (17%)
4	29	<i>Picea Abies</i> (L.) H. Karst.	0.014 (5.8%)	-0.1 (-5%)	-0.01 (-2%)	0.00 (0%)	0.04 (4%)
4	30	<i>Picea Abies</i> (L.) H. Karst.	0.091 (34.7%)	0.8 (35%)	-0.06 (-12%)	-0.08 (-11%)	0.07 (8%)
4	31	<i>Picea Abies</i> (L.) H. Karst.	0.412 (40.9%)	0.7 (25%)	0.03 (6%)	0.07 (12%)	-0.06 (-6%)
4	32	<i>Picea Abies</i> (L.) H. Karst.	0.378 (24.6%)	-1.4 (-32%)	0.07 (19%)	0.11 (22%)	-0.02 (-2%)
4	33	<i>Picea Abies</i> (L.) H. Karst.	1.368 (53.5%)	-1.3 (-27%)	0.13 (34%)	0.24 (47%)	-0.01 (-1%)
4	34	<i>Betula pendula</i>	0.118 (25.1%)	0.9 (75%)	0.04 (9%)	0.08 (13%)	-0.07 (-6%)
4	35	<i>Betula pendula</i>	0.266 (38.5%)	-0.7 (-25%)	0.18 (59%)	0.40 (142%)	0.08 (8%)