

**Table S1.** Health condition characteristic of selected defoliated trees in Bielański Forest in Warsaw

tree ID (Nr from HSD Tree Crown Map for Warsaw)	crown tree area (m2)	tree hight (average)	tree hight (max)	ill tree characteristic	defoliation (%)
<i>Acer sp.</i>					
7045550	14,5	5,7	8,0	broken branches	68,9
7049029	16,8	10,8	12,7	broken branches	70,0
7054665	27,0	11,8	17,1	broken branches	100,0
7060010	21,5	4,8	6,5	broken branches	90,4
7060902	17,3	8,4	11,7	broken branches	70,7
7072191	8,0	17,0	18,9	Roots growing around the trunk	70,3
7094418	10,5	4,0	6,7	Roots growing around the trunk, broken branches	65,2
7101545	4,0	12,9	19,7	Tree inclined, broken branches	74,0
7108276	14,5	19,8	24,6	at a height of 2 meters the tree branches into two conductors, broken branches	83,6
7115283	54,5	14,0	18,1	at a height of 3 meters the tree branches into two conductors, broken branches	69,1
7116155	19,5	7,3	10,7	Roots growing around the trunk, inclined trees, broken branches	65,3
<i>Alnus sp.</i>					
7017022	66,0	11,9	17,4	roots growing around the trunk, at a height of 3 meters one conductor broken off, broken branches	92,6
7022937	2,8	2,6	3,9	offshoots at the base of the trunk, roots growing around the trunk, tree inclined, broken branches	76,1
7063052	15,5	15,5	19,6	roots growing around a tree trunk	76,3
<i>Betula sp.</i>					
7038804	108,8	10,8	16,0	longitudinal cracks on the trunk	85,4
7053638	17,3	12,8	21,1	broken branches	92,8
7081048	33,3	14,6	19,9	a decaying tree	71,6
7098337	8,0	14,8	17,1	rickety tree	74,4
7102502	10,8	15,2	22,3	roots growing around the trunk, broken branches	89,0
7102617	20,0	16,5	21,2	crack in the stump at a height of 1 meter	75,4
7112352	14,3	14,6	18,0	broken branches	75,4
7114135	14,5	13,8	20,2	regrowths at the base of the trunk, broken branches	74,3
<i>Carpinus sp.</i>					
7092105	26,8	14,8	20,9	broken branches	66,9
fruit trees ( <i>Malus sp.</i> , <i>Prunus sp.</i> , and <i>Pyrus sp.</i> )					
7018499	23,5	4,8	7,4	at a height of 0.5 meters, a 50-centimeter decayed hollow	84,5
7018521	13,8	4,8	6,6	broken branches	72,7
7060835	11,8	3,3	4,9	almost completely dry	90,0
7060898	20,3	4,5	6,8	tree inclined	87,5
7060899	17,3	4,3	6,3	a decaying tree	77,1
<i>Populus sp.</i>					
7043836	19,8	11,9	17,4	rickety tree, broken and dry branches	85,0
7043945	21,8	11,1	16,8	dry tree	100,0
7044078	26,5	11,0	15,5	slightly bent, broken branches	79,9
7044084	30,3	11,5	15,9	broken and dry branches	69,6
7044086	29,0	12,2	16,3	trunks intersect with each other	71,4
7049180	10,3	12,1	17,7	Tree inclined	69,5

**Table S1.** Health condition characteristic of selected defoliated trees in Bielański Forest in Warsaw (part 2)

tree ID (Nr from Tree Crown Map for Warsaw)	crown tree area (m2)	tree hight (average)	tree hight (max)	ill tree characteristic	defoliation (%)
<i>Populus sp.</i>					
7057897	16,0	20,0	22,8	broken or dry branches	71,9
7062435	11,5	17,5	25,6	rickety tree	75,0
7062504	10,3	23,7	26,1	broken and dry branches	65,0
7067808	20,3	15,7	22,9	cracks on the trunk	89,5
7068300	13,0	16,8	19,8	dry tree	100,0
7069119	22,8	15,7	25,3	dry tree	100,0
7070536	22,5	15,3	24,1	split at the base of the trunk at a height of 1.5 meters	83,0
7072382	28,5	18,7	24,9	Tree inclined, broken and dry branches	70,5
7075048	13,3	15,2	23,4	Tree inclined, broken and dry branches	69,8
7075674	12,0	14,0	18,6	Tree inclined, broken branches	81,4
7075898	9,5	19,0	25,0	broken and dry branches	83,0
7078578	36,8	26,0	30,9	slightly bent tree	68,3
7079477	21,3	23,1	28,5	roots growing around the trunk	66,6
7079482	16,8	21,2	27,6	slightly bent tree	69,5
7079485	18,8	20,9	27,1	a thinning tree, broken branches	71,2
7079983	12,0	21,9	24,7	broken conductor at a height of 7 meters	83,2
7080273	18,0	17,9	23,2	a decaying tree, broken branches	75,2
7080318	15,3	25,0	29,1	broken and dry branches	89,7
7080328	25,0	21,7	27,5	cracks on the trunk	70,6
7080332	30,3	17,1	25,9	split at the base of the trunk, broken branches	75,8
7081141	10,5	12,3	15,4	a bulky growth on the trunk	83,4
7083307	7,8	20,3	21,0	dry tree	100,0
7083418	19,8	17,2	22,5	broken or dry branches	71,2
7089234	17,5	23,5	26,6	dry tree, broken branches	100,0
7090102	9,0	17,2	22,3	rickety tree	81,1
7096611	22,8	19,3	22,0	a bulky growth on the trunk	88,2
7097106	22,3	19,9	25,3	a hollow had risen at the base of the trunk	81,0
7101289	26,0	10,8	21,3	dry tree, broken branches	100,0
7101386	28,5	14,8	22,4	broken branches	87,4
7101585	5,8	4,0	5,8	roots growing around the trunk	76,5
7102323	10,3	21,3	26,0	broken and dry branches	70,5
7102417	66,0	14,5	21,6	roots growing around the trunk	69,3
7102425	39,5	10,2	18,5	broken branches	71,9
7102428	20,0	13,5	18,3	Tree inclined	80,6
7103863	21,8	11,5	20,2	rickety tree, broken and dry branches	73,6
7103864	13,5	12,3	18,3	broken and dry branches	78,3
7108891	31,0	22,5	25,8	Tree inclined, broken branches	83,3
7108904	43,8	21,0	25,0	rickety tree, broken branches	80,5
7109383	22,0	16,0	22,4	Tree inclined	70,7
7111410	12,8	19,7	22,8	broken and dry branches	73,4
7112464	16,0	18,0	22,1	a decaying tree, broken branches	71,7
7112703	16,8	18,9	23,6	roots growing around the trunk	70,2
7114871	20,8	22,6	27,0	rickety tree, broken and dry branches	95,9
<i>Salix sp.</i>					
7043814	10,8	14,4	18,6	dry tree	100,0
7092558	29,3	11,4	14,8	a thining tree	75,4