

Table S1. Species and numbers of trees on the Czech NFI sample plots used in this study (training data).

English name	Scientific name	Number of trees
Norway spruce	<i>Picea abies</i> (Linnaeus) H. Karsten	201,795
Scots pine	<i>Pinus sylvestris</i> Linnaeus	61,638
European larch	<i>Larix decidua</i> Miller	16,871
Fir species		
Douglas fir	<i>Pseudotsuga menziesii</i> (Mirbel) Franco	1050
Silver fir	<i>Abies alba</i> Miller	4074
Grand fir, giant fir	<i>Abies grandis</i> (Douglas ex D. Don) Lindley	194
European beech	<i>Fagus sylvatica</i> Linnaeus	20,083
Oak species		
Sessile oak, durmast oak	<i>Quercus petraea</i> (Mattuschka) Lieblein	13,775
Pedunculate oak, English oak	<i>Quercus robur</i> Linnaeus	8476
Turkey oak, Austrian oak	<i>Quercus cerris</i> Linnaeus	231
Red oak, northern red oak	<i>Quercus rubra</i> Linnaeus	867
Birch and alder species		
European birch, common birch	<i>Betula pendula</i> Roth	11,970
Downy birch, moor birch	<i>Betula pubescens</i> Ehrhart	181
Black alder, common alder	<i>Alnus glutinosa</i> (Linnaeus) Gaertner	6885
Grey alder, speckled alder	<i>Alnus incana</i> (Linnaeus) Moench	890
Total		348,980

Table S2. Species and numbers of trees on the permanent research sample plots used in this study (validation data).

English name	Scientific name	Number of trees
Norway spruce	<i>Picea abies</i> (Linnaeus) H. Karsten	8943
Scots pine	<i>Pinus sylvestris</i> Linnaeus	3408
European larch	<i>Larix decidua</i> Miller	282
Silver fir	<i>Abies alba</i> Miller	545
European beech	<i>Fagus sylvatica</i> Linnaeus	9456
Sessile oak, durmast oak	<i>Quercus petraea</i> (Mattuschka) Lieblein	1156
Birch and alder species		
European birch, common birch	<i>Betula pendula</i> Roth	657
Black alder, common alder	<i>Alnus glutinosa</i> (Linnaeus) Gaertner	699
Total		25,146