

Supplementary Material

Fig. S1 - Relationships between diffuse light and number of younger or older saplings of Norway spruce in D1A. (*): $p < 0.05$; (**): $p < 0.01$; (***) : $p < 0.001$; (ns): not significant.

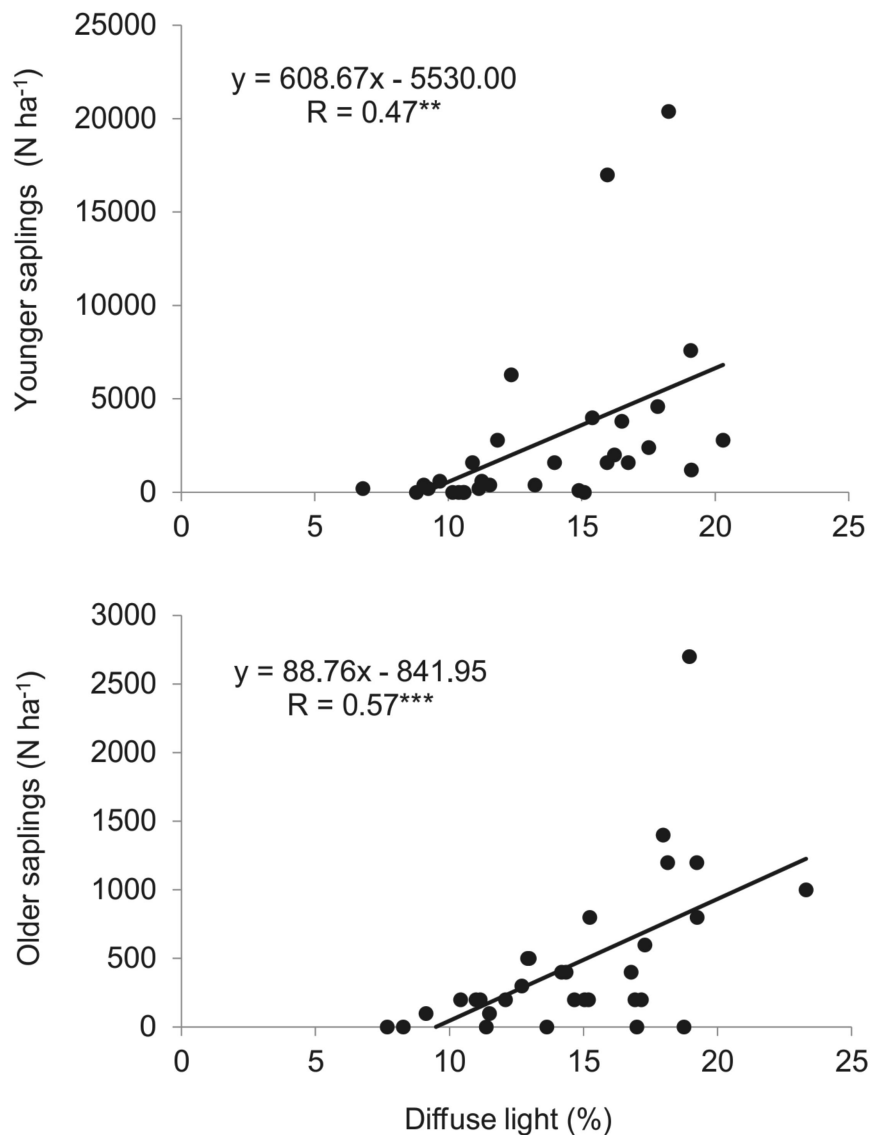


Fig. S2 - Mean height increment, relative growth ratio, apical dominance ratio and relative crown length of Norway spruce and silver fir as a function of diffuse light in the D1A and the D2C. (*): $p < 0.05$; (**): $p < 0.01$; (***): $p < 0.001$; (ns): not significant.

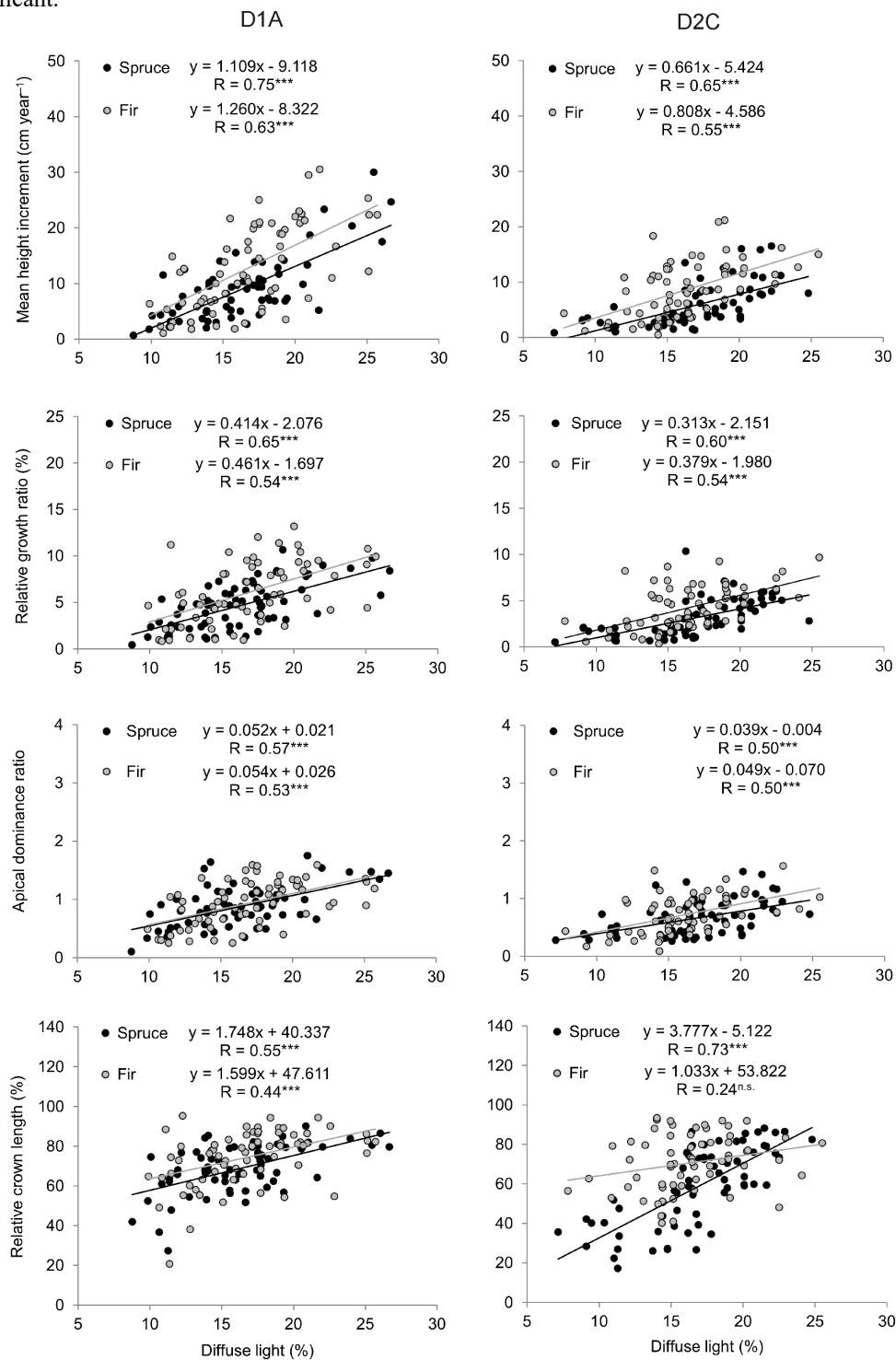
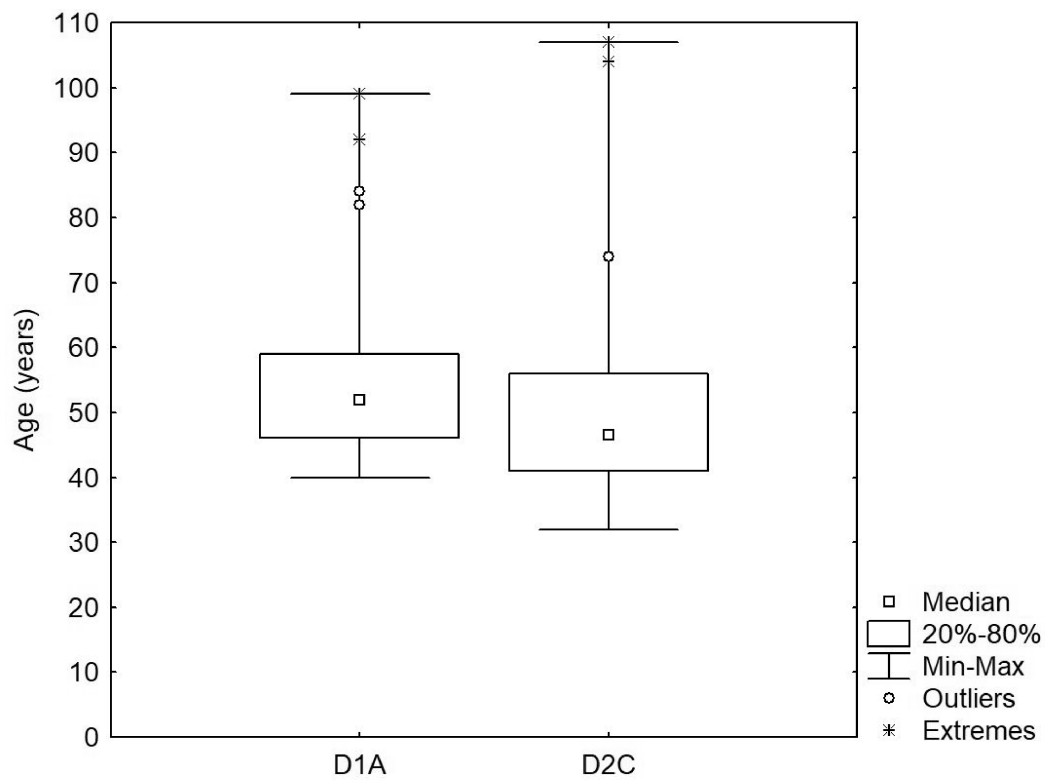


Fig. S3 - Age analysis of the lower overstory trees in the D1A and the D2C.



Vencurik J, Kucbel S, Saniga M, Jaloviar P, Sedmákova D, Pittner J, Parobekova Z, Bosela M (2020).

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Tab. S1 – Goodness-of-fit (adjusted R-squared) of the two variants of multiple linear regression, where the first variant (eqn. 2) includes competition index (compInd) and the second (eqn. 3) replace the compInd by the sum of competitors heights (sumHeight).

Response variable	Variant	
	compInd (eqn. 2)	sumHeight (eqn. 3)
Mean height increment	0.52	0.49
Relative growth ratio	0.44	0.44
Apical dominance ratio	0.36	0.34
Relative crown length	0.42	0.39