

Supplementary information

Title:

Genotypic variations appear in fine root morphological traits of *Cryptomeria japonica* trees grown in a common garden

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Table S1 Chemical properties of fine roots and soil in three *Cryptomeria japonica* stands from Ohta et al. (2019). The field survey was conducted in 2016 when stands aged ca. 50 years old.

	Elements (mg g ⁻¹)	Provenance		
		Yanase	Yoshino	Yaku
Fine roots				
	C	524.0	513.0	553.4
	N	6.66 ^b	8.49 ^a	5.85 ^b
Soil				
	P [*]	0.0069 ^b	0.0099 ^a	0.0049 ^c
	Ca [*]	0.834 ^{ab}	1.224 ^a	0.331 ^b
	Mg [*]	0.228 ^a	0.337 ^a	0.161 ^b
	K [*]	0.161	0.149	0.200
	Na [*]	0.049	0.056	0.040
	NO ₃ -N	0.0144 ^{ab}	0.0052 ^c	0.0114 ^b
	Total C	170.45	177.75	197.89
	Total N	12.21	9.95	11.04

Different letters denote significant differences (see Ohta et al. 2019)

*Exchangeable elements

References

Ohta T, Niwa S, Hiura T (2019) Geographical variation in Japanese cedar shapes soil nutrient dynamics and invertebrate community. *Plant Soil* 437:355–373. doi: 10.1007/s11104-019-03983-5