

## Supplementary material

**Table S1.** Fungal biomass values for the forest and mine experiment. Fungal biomass was obtained multiplying the total biomass by the relative abundance of each functional guild. Ps = *P. sylvestris*, Qr = *Q. robur*.

Forest type (no. of plots)	Range	Total biomass (ppb)	Mycorrhizal biomass	Saprotrophic biomass
Ps	Min.	479	31	25
(9)	Mean	1752	271	268
	Max.	3104	639	607
Qr	Min.	95	30	10
(9)	Mean	575	58	88
	Max.	1753	115	283
Forest	Min.	554	2	23
(12)	Mean	1231	7	203
	Max.	1600	21	495
Plain	Min	752	29	38
(12)	Mean	1263	132	99
	Max.	1949	334	200