Supplementary Materials

Figure S1. Heatmap showing Pearson´s correlation coefficients between total organic acid (total OA), shoot biomass (shoot mass), root diameter (root diam.), and P (shoot P) and Mn (shoot Mn) contents in the shoots, in 15 eucalypt species grown under low P and sufficient P conditions (a), only considering low P (b) or sufficient P (c) conditions.

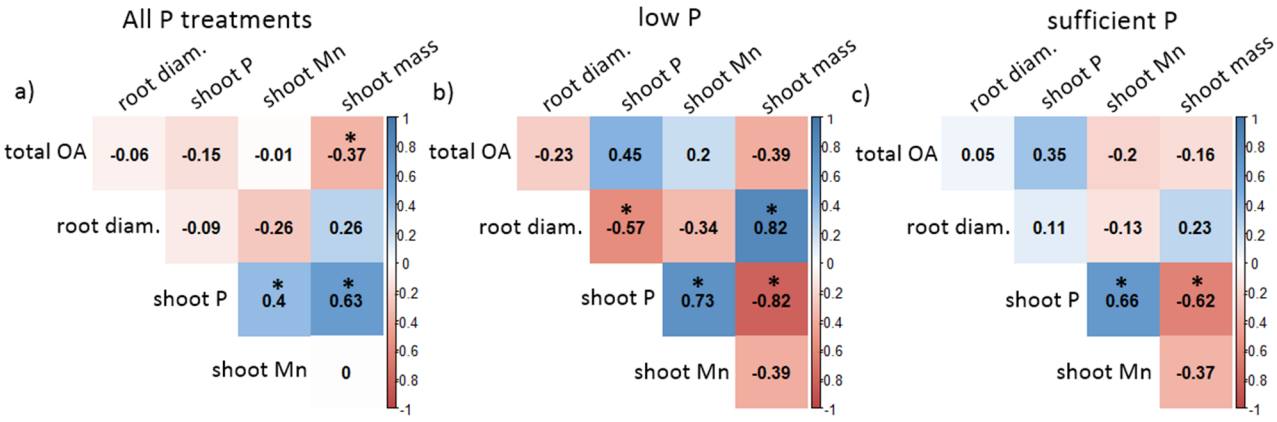

Table S1. Percentage of the total phenolic in the root exudates of seedlings of fifteen eucalypt species grown under low and sufficient P concentrations.

Species		Quercetin	Rutin	Catechin	Epicatechin	Myricetin	Vanillin	Naringenin	Coumaric	Shikimic	Ferulic	Benzoic	Chlorogenic	Protocatechuic	Gallic	Cinnamic
A	+P	0.20	0.29	0.01	0	0	0.03	0	0	0.20	0.011	0.05	0.06	0	0	95.0
	-P	0.01	0.30	0.01	0	0	0.02	0	0	0.02	0.007	0.03	0.04	0	0	99.4
B	+P	0.02	0	0.01	0	0	0.05	0	0	0.17	0.015	0.18	0.09	0	0	98.7
	-P	0.01	0.31	0	0	0	0.03	0	0	0.06	0.008	0.03	0.05	0	0	99.2
Ca	+P	0.03	0	0.01	0	0	0.09	0	0	0.18	0.027	0.21	0.17	0	0	98.2
	-P	0.01	0	0	0	0	0.03	0	0	0.06	0.010	0.04	0.07	0	0	99.6
Ci	+P	0.01	0.34	0.02	0	0	0.04	0	0	0.03	0.012	0.04	0.08	0	0	99.1
	-P	0.01	0.30	0	0	0	0.02	0.10	0	0.01	0.006	0.02	0.04	0	0	99.0
D	+P	0.01	0.50	0	0	0	0.04	0	0	0.22	0.011	0.09	0.08	0	0	98.8
	-P	0.01	0.18	0	0	0	0.02	0	0	0.04	0.007	0.03	0.04	0	0	99.4
Gl	+P	0.02	0.57	0.02	0	0	0.04	0	0	0.11	0.014	0.06	0.08	0	0	98.8
	-P	0.01	0.00	0	0	0	0.04	0.05	0	0.11	0.011	0.08	0.07	0	0	99.4
Gr	+P	0.02	0.37	0.01	0.21	0	0.06	0	0	0.11	0.018	0.06	0.11	0	0	98.2
	-P	0.01	0.43	0.01	0	0	0.03	0.02	0	0.06	0.010	0.04	0.07	0	0	97.3
Ma	+P	0.02	0.52	0	0	0	0.04	0	0	0.07	0.015	0.14	0.08	0	0	98.1
	-P	0.01	0.00	0	0	0	0.03	0	0	0.01	0.008	0.04	0.05	0	0	99.6
Mi	+P	0.03	1.34	0.02	0	0	0.09	0.07	0	0.34	0.025	0.17	0.16	0	0	97.2
	-P	0.01	0.24	0.01	0	0	0.03	0.10	0	0.06	0.008	0.06	0.05	0	0	97.5
P	+P	0.02	0.40	0.01	0	0	0.05	0	0	0.12	0.015	0.16	0.10	0	0	98.8
	-P	0.01	0	0.01	0	0	0.03	0.08	0	0.06	0.010	0.05	0.07	0	0	99.5
Re	+P	0.02	0.37	0.01	0	0	0.03	0.01	0	0.04	0.010	0.05	0.06	0	0	98.7
	-P	0.01	0.26	0.01	0	0	0.03	0	0	0.04	0.008	0.05	0.05	0	0	99.4
Ro	+P	7.32	0.14	0	0	0	0.03	10.98	0	0.07	0.007	0.04	0.06	0	0	81.1
	-P	0.01	0.28	0.01	0	0	0.02	0	0	0.03	0.007	0.07	0.04	0	0	99.3
S	+P	0.18	0.39	0.01	0	0	0.03	0.00	0	0.11	0.007	0.03	0.05	0	0	96.5
	-P	0.01	0.20	0.00	0	0	0.03	0.00	0	0.05	0.009	0.05	0.06	0	0	99.4

T	+P	0.03	0.00	0.00	0.00	0	0.02	0.16	0	0.05	0.006	0.03	0.04	0	0	99.5
	-P	0.01	0.00	0.00	0.02	0	0.04	0.00	0	0.04	0.011	0.07	0.08	0	0	99.6
U	+P	0.01	0.42	0.00	0.01	0	0.02	0.00	0	0.08	0.009	0.05	0.05	0	0	95.3
	-P	0.01	0.00	0.00	0.00	0	0.02	0.00	0	0.07	0.005	0.03	0.04	0	0	99.6

Abbreviations: A - *E. acmenoides*, B - *E. brassiana,* Ca - *E. camaldulensis*, Ci - *C. citriodora*, D - *E. deanei*, Gl - *E. globulus*, Gr - *E. grandis*, Ma - *C. maculata*, Mi - *E. microcorys*, P - *E. pellita*, Re - *E. resinifera*, Ro - *E. robusta*, T - *E. tereticornis*, S - *E. saligna*, U - *E. urophylla*.