

Suppl. Table 1: A) Results from *post hoc* pairwise comparisons between the groups FMH Ericaceae, PMH Ericaceae, autotrophic Ericaceae among the references and remaining autotrophic references (REF) with the non-parametric Mann-Whitney U-test after significant Kruskal-Wallis *H*-test ( $\epsilon^{13}\text{C}$ :  $H = 396.900$ ,  $df = 3$ ,  $P < 0.001$ ;  $\epsilon^{15}\text{N}$ :  $H = 1365.375$ ,  $df = 3$ ,  $P < 0.001$ ; N concentration:  $H = 70.596$ ,  $df = 3$ ,  $P < 0.001$ ). *P*-values were adjusted using the sequential Bonferroni-correction. B) Results from effect-size calculations.

A)

$\epsilon^{13}\text{C}$	FMH Ericaceae	PMH Ericaceae	autotrophic Ericaceae
PMH Ericaceae	< 0.001	-	-
autotrophic Ericaceae	< 0.001	< 0.001	-
remaining REF	< 0.001	0.002	< 0.001

$\epsilon^{15}\text{N}$	FMH Ericaceae	PMH Ericaceae	autotrophic Ericaceae
PMH Ericaceae	< 0.001	-	-
autotrophic Ericaceae	< 0.001	< 0.001	-
remaining REF	< 0.001	< 0.001	< 0.001

N concentration	FMH Ericaceae	PMH Ericaceae	autotrophic Ericaceae
PMH Ericaceae	1,000	-	-
autotrophic Ericaceae	0.027	< 0.001	-
remaining REF	0.010	< 0.001	< 0.001

B)

$\epsilon^{13}\text{C}$	FMH Ericaceae	PMH Ericaceae	autotrophic Ericaceae
PMH Ericaceae	3.544	-	-
autotrophic Ericaceae	4.574	0.524	-
remaining REF	4.140	0.205	0.366

$\epsilon^{15}\text{N}$	FMH Ericaceae	PMH Ericaceae	autotrophic Ericaceae
PMH Ericaceae	2.138	-	-
autotrophic Ericaceae	4.396	2.065	-
remaining REF	4.590	2.295	0.419

N concentration	FMH Ericaceae	PMH Ericaceae	autotrophic Ericaceae
PMH Ericaceae	0.040	-	-
autotrophic Ericaceae	0.303	0.352	-
remaining REF	0.381	0.358	0.622