

SUPPLEMENTARY DATA

Table S1. Linear mixed-model with I_{\max} and K_m for ammonium and nitrate as response variables, and the first axis of the PCA and site (considered as a random factor) as explanatory variables.

	<i>F</i> -value	d.f.	<i>P</i> -value
NH ₄ ⁺ I_{\max} ~ PCA axis 1 +Site (r)	12.40	75	<0.001
NO ₃ ⁻ I_{\max} ~ PCA axis 1 +Site (r)	21.55	75	<0.001
NH ₄ ⁺ K_m ~ PCA axis 1 +Site (r)	19.30	75	<0.001
NO ₃ ⁻ K_m ~ PCA axis 1 +Site (r)	78.43	75	>0.001

Table S2: Loadings scores along the two first axis of the PCA for leaf and root traits (Fig. 2).

	Axis 1	Axis 2
SLA	0.46	0.31
LDMC	-0.44	-0.30
N _{shoot}	0.52	0.03
SRL	0.09	-0.54
RDMC	-0.41	0.12
N _{root}	0.38	-0.45
srr	0.05	-0.55