

Ecography

**ECOG-01258**

Belinchón, R. O., Yahr, R. and Ellis, C. J. 2014.  
Interactions among species with contrasting dispersal  
modes explain distributions for epiphytic lichens. –  
Ecography doi: 10.1111/ecog.01258

**Supplementary material**

**Appendix 1**

**Table A1.** Diagnostics for the generalised linear mixed effects models (GLMM), explaining the presence-absence of *Nephroma laevigatum* and *Nephroma parile*, in comparison with the nonparametric multiplicative regression models (NPMR), presented in the main text (cf. Table 1).

<b>Lichen Species</b>				
<b>Best Explanatory Variables</b>		<b>Fixed Effect</b>	<b>z</b>	<b>P</b>
<i>Nephroma laevigatum</i>				
Annual precipitation (mm)		0.0009361	2.718	0.00656
Asexual cyanolichens (shared specificity)		2.4092920	3.016	0.00256
Annual precipitation : Asexual cyanolichens		-	-	non-significant
<i>Nephroma parile</i>				
Annual precipitation (mm)		0.000546	1.164	0.244405
Distance to watercourse (metres)		-0.02376	-2.849	0.004390
Bryophyte cover (%)		0.01940	5.358	< 0.00001
Annual precipitation : Distance to watercourse		0.00001155	3.484	0.000493
Annual precipitation : Bryophyte cover		-0.000008108	-4.544	< 0.00001
Distance to watercourse : Bryophyte cover		-	-	non-significant