

## SUPPLEMENTARY DATA

Mean values ( $\pm$  s.e.) for the indirect site factor (ISF), the direct site factor (DSF), photosynthetic capacity ( $A_{\max}$ ) and dark respiration ( $R_d$ ) for seven climbing plant species in a Chilean evergreen rainforest

Species	ISF	DSF	$A_{\max}$ ( $\mu\text{mol m}^{-2}\text{s}^{-1}$ )	$R_d$ ( $\mu\text{mol m}^{-2}\text{s}^{-1}$ )
<i>Boquila trifoliolata</i>	$0.18 \pm 0.01$	$0.14 \pm 0.03$	$6.10 \pm 0.34^{\text{bc}}$	$0.27 \pm 0.02^{\text{ab}}$
<i>Cissus striata</i>	$0.21 \pm 0.01$	$0.22 \pm 0.02$	$9.27 \pm 0.99^{\text{a}}$	$0.33 \pm 0.02^{\text{a}}$
<i>Elytropus chilensis</i>	$0.22 \pm 0.01$	$0.21 \pm 0.03$	$7.07 \pm 0.68^{\text{ab}}$	$0.26 \pm 0.02^{\text{ab}}$
<i>Hydrangea serratifolia</i>	$0.17 \pm 0.01$	$0.13 \pm 0.03$	$5.00 \pm 0.29^{\text{bc}}$	$0.21 \pm 0.03^{\text{bc}}$
<i>Luzuriaga polyphylla</i>	$0.16 \pm 0.02$	$0.14 \pm 0.04$	$5.74 \pm 0.58^{\text{bc}}$	$0.19 \pm 0.02^{\text{bc}}$
<i>Luzuriaga radicans</i>	$0.16 \pm 0.01$	$0.16 \pm 0.02$	$4.42 \pm 0.24^{\text{c}}$	$0.17 \pm 0.02^{\text{c}}$
<i>Mitraria coccinea</i>	$0.17 \pm 0.02$	$0.16 \pm 0.01$	$4.24 \pm 0.58^{\text{c}}$	$0.15 \pm 0.02^{\text{c}}$
	n.s.	n.s.	$F_{6,77} = 10.07, P < 0.001$	$F_{6,77} = 10.23, P < 0.001$

Different letters indicate a significant difference between values ( $P < 0.05$ , Tukey HSD test)