

**Supplementary Materials:**

**Table S1:** Species diversity index calculations.

<b>Diversity indices</b>	<b>Abbreviation</b>	<b>Measurement</b>
Shannon–Weaver index	H	$H = - \sum_{i=1}^S (P_i \ln P_i)$
Pielou evenness	E	$E = \frac{H}{\ln S}$
Simpson dominance	D	$D = 1 - \sum_{i=1}^S (P_i)^2$

Note:  $P_i$  is the relative density of species  $i$ , and  $S$  is the number of species in the survey plot.