

Supplemental Table S1. Numbers of myrmecophytic *Macaranga* trees of suitable size inspected in addition to the datasets used for testing of the hypotheses, and number of trees with recorded wasp nests. All nests apart from one in *M. pearsonii* in the main study area were not distinguishable from *Dasyproctus agilis*, even though properly developed adults necessary for species identification were collected only from several trees in the main study area and from the specimen of *M. pearsonii* at the Labuk river in North Sabah. See Fig. 1 for a map of the regions and wasp records.

Region, <i>Macaranga</i> species	Trees inspected	Trees colonised by wasps	Location of selected colonised trees
Eastern Sabah			
<i>M. sect. Pachystemon sp.</i>	1	0	
<i>M. pearsonii</i>	2	0	
Main study area			
<i>M. cf. indistincta</i>	9	2	
<i>M. hypoleuca</i>	84	8	
<i>M. pearsonii</i>	67	3	
<i>M. winkleri</i>	16	0	
North Sabah			
<i>M. sect. Pachystemon sp.</i>	11	0	
<i>M. hypoleuca</i>	6	0	
<i>M. indistincta</i>	3	0	
<i>M. lamellata</i>	4	0	
<i>M. motleyana</i>	6	0	
<i>M. pearsonii</i>	3	1	5°40'50"N, 117°05'30"E
Northwest Sabah			
<i>M. cf. glandibracteolata</i>	1	1	6°02'30"N 116°12'50"E