

S3 Table. Data on trophobionts and their interactions with plants and ants in the multilayer network.

Trophobiont taxa	Frequency in plants	Ant species interacting	Ant workers/ plant	Total ants recruitment
Aphididae				
<i>Aphis fabae</i>	3	3	12 ± 8.5	36
<i>Aphis spiraecola</i>	5	4	17.2 ± 29	103
Coccidae				
Coccidae sp1	1	1	1	1
Coccidae sp2	6	4	4.5 ± 8.1	27
<i>Parasaissetia nigra</i>	7	5	3.4 ± 2.7	24
Margarodidae				
Margarodidae sp1	2	2	3.5 ± 0.5	7
Unidentified family				
Hemiptera sp1	1	1	1	1
Hemiptera sp2	1	2	1	2
Hemiptera sp3	1	1	7	7
Hemiptera sp4	1	1	1	1
Hemiptera sp5	1	1	2	2
Hemiptera sp6	1	1	1	1