

SUPPLEMENTARY MATERIAL

**Table S1.** Percentage of agricultural patches, green areas, and human constructions in a buffer zone of 2.5 km surrounding each sampling site.

Site	Urban level	Agricultural patches (%)	Green areas (%)	Human constructions (%)
University of Costa Rica				
Rodrigo Facio Campus, San José	High urban	0.48	14.60	84.93
University of Costa Rica	Intermediate			
Occidental Campus, Alajuela	urban	35.61	27.63	36.77
Concepción Village	Low urban	63.98	21.73	14.29

**Table S.2.** Mean number of female and male parasitoids per egg sac and their sex ratio.

Wasp specie	Mean females	Mean males	Sex ratio females	Sex ratio males
<i>Baeus achaeraneus</i>	47.2 ( $\pm 62.13$ )	3.3 ( $\pm 5.7$ )	0.89 ( $\pm 0.14$ )	0.1 ( $\pm 14$ )
<i>Idris</i> sp.	73.67 ( $\pm 50.56$ )	3.72 ( $\pm 4.33$ )	0.95 ( $\pm 0.04$ )	0.04 ( $\pm 0.04$ )
<i>Philolema</i> sp.	10.6 ( $\pm 16.49$ )	0.8 ( $\pm 0.44$ )	0.8 ( $\pm 0.16$ )	0.17 ( $\pm 0.16$ )
<i>Horismenus</i> sp.	8.09 ( $\pm 7.3$ )	5.63 ( $\pm 5.10$ )	0.5 ( $\pm 0.30$ )	0.41 ( $\pm 0.30$ )