

Supplementary materials

Table S1. Synoptic table of vegetation communities of study area (only trees and shrubs). Abundance/Dominance index according to Braun-Blanquet phytosociological scale.

Olive orchard	A	B	C	D	E	F
Survey surface (smq)	100	50	100	100	100	50
Total cover (%)	100	80	100	100	80	50
Arboreal layer (5-15m)						
<i>Quercus pubescens</i> Willd.	1	1	1	2	2	2
<i>Quercus cerris</i> L.	.	.	+	+	.	+
<i>Quercus ilex</i> L.	4	.	4	.	.	.
<i>Quercus suber</i> L.	1	1	1	.	+	.
<i>Fraxinus ornus</i> L.	3	.	2	1	2	.
<i>Acer campestre</i> L.	.	.	.	1	+	.
<i>Acer mospessulanum</i> L.	.	.	.	+	.	.
Shrub layer (0-5m)						
<i>Quercus pubescens</i> Willd.	.	.	.	1	1	.
<i>Quercus ilex</i> L.	1	+	1	.	.	.
<i>Quercus suber</i> L.	1	.	.	.	.	.
<i>Fraxinus ornus</i> L.	2	+	2	+	+	.
<i>Erica arborea</i> L.	1	1	+	.	.	.
<i>Acer campestre</i> L.	.	.	.	+	.	.
<i>Paliurus spina- christi</i> Mill.	.	.	.	2	+	1
<i>Myrtus communis</i> L.	+	+	.	.	.	.
<i>Cistus salvifolius</i> L.	+	1	.	.	.	.
<i>Asparagus acutifolius</i> L.	2	.	1	+	+	.
<i>Osyris alba</i> L.	+	2	.	+	.	1
<i>Pistacia lentiscus</i> L.	1	.	2	1	1	+
<i>Pyrus communis</i> L. subsp. <i>pyraster</i> (L.) Ehrh.	.	2	.	.	.	.
<i>Spartium junceum</i> L.	.	+	.	.	.	+
<i>Rosa sempervirens</i> L.	.	.	+	.	.	.
<i>Smilax aspera</i> L.	2	.	2	.	.	.
<i>Tamus communis</i> L.	+	.	.	.	.	+
<i>Rubia peregrina</i> L.	2	.	2	.	.	.

Table S2. Number of individuals collected using Malaise traps, and relative abundance of each parasitoid family (cumulative data from the 6 sampling sites and all sampling dates).

Hymenoptera families	Individuals (no.)	Relative abundance (%)
Ichneumonidae	475	22.91
Braconidae	282	13.60
Diapriidae	230	11.10
Platygastridae	223	10.76
Mymaridae	176	8.49
Ceraphronidae	164	7.91
Scelionidae	136	6.56
Azotidae	89	4.29
Pteromalidae	77	3.71
Eulophidae	60	2.89
Megaspilidae	40	1.93
Encyrtidae	31	1.50
Eurytomidae	17	0.82
Evanidae	14	0.68
Proctotrupidae	13	0.63
Chrisyidae	10	0.48
Bethylidae	9	0.43
Torymidae	8	0.39
Dryinidae	6	0.29
Eupelmidae	3	0.14
Aphelinidae	3	0.14
Chalcididae	3	0.14
Trichogrammatidae	2	0.10
Figitidae	1	0.05
Sclerogibbidae	1	0.05