

SUPPLEMENTARY MATERIALS

Table S1. Detailed information about molecular protocols used for each specimen.

Species	<i>Eucalyptus</i> species	Country	DNA extraction		PCR				Genbank Accession Number	
			Method	Id	28S		COI		28S	COI
					Primers	Method	Primers	Method		
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3739	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651625	JX096413
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3740	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651626	JX096414
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3741	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651627	MH651620
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3742	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651628	MH651525
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3743	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651629	JX096415
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3744	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651630	MH651621
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3745	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651631	JX096416
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_30µl	3746	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651632	JX096417
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3747	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651633	JX096401
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3748	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651634	MH651622
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3753	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651635	JX096402
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3754	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651636	JX096403

<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3755	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651637	JX096404
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3756	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651638	JX096405
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3759	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651639	MH651526
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3760	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651640	MH651623
<i>Closterocerus chamaeleon*</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3763	D2-3351F / D2-4057R	Phusion_58	-	-	MH651641	-
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3765	D2-3351F / D2-4057R	Phusion_58	-	-	MH651642	-
<i>Closterocerus chamaeleon*</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_30µl	3774	-	-	HCO2198 / LCO1490	Phusion_52	-	MH651624
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6533	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651643	JX096418
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6534	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651644	JX096419
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6535	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651645	JX096420
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6536	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651646	JX096421
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6537	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651647	JX096422
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6538	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651648	JX096423
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6539	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651649	MH651527
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6540	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651650	JX096424

<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6541	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651651	JX096425
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6542	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651652	JX096426
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6543	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651653	MH651528
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6544	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651654	JX096427
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6545	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651655	JX096428
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6546	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651656	JX096429
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6547	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651657	JX096430
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6548	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651658	MH651529
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6549	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651659	JX096431
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6550	D2-3351F / D2-4057R	Phusion_58	-	-	MH651660	-
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6551	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651661	JX096432
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6552	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651662	JX096406
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6553	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651663	JX096407
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6554	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651664	JX096408
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6555	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651665	JX096409

<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6556	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651666	MH651530
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6557	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651667	JX096410
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6558	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651668	MH651531
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6559	D2-3351F / D2-4057R	Phusion_58	-	-	MH651669	-
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6560	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651670	JX096412
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	France	zygem3H_20µl	6561	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651671	MH651532
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6562	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651672	JX096433
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6563	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651673	MH651533
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6564	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651674	JX096434
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6565	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651675	JX096435
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6566	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651676	JX096436
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6567	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651677	JX096437
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6568	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651678	MH664000
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6569	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651679	JX096438
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6570	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651680	MH651534

<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	France	zygem3H_20µl	6571	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651681	JX096439
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6572	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651682	JX096440
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6573	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651683	JX096441
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6574	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651684	JX096442
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6575	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651685	JX096443
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6576	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651686	MH651535
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6577	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651687	JX096444
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6578	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651688	JX096445
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus gunnii</i>	France	zygem3H_20µl	6579	D2-3351F / D2-4057R	Phusion_58	HCO2198 / LCO1490	Phusion_52	MH651689	JX096446
<i>Ophelimus eucalypti</i> "Maid."	<i>Eucalyptus globulus</i>	New Zealand (South Island)	zygem3H_20µl	6580	D2-3351F / D2-4057R	Phusion_58	-	-	MH651690	-
<i>Ophelimus eucalypti</i> "Maid."	<i>Eucalyptus globulus</i>	New Zealand (South Island)	zygem3H_20µl	6581	D2-3351F / D2-4057R	Phusion_58	-	-	MH651691	-
<i>Ophelimus eucalypti</i> "Maid."	<i>Eucalyptus globulus</i>	New Zealand (South Island)	zygem3H_20µl	6582	D2-3351F / D2-4057R	Phusion_58	-	-	MH651692	-
<i>Ophelimus eucalypti</i> "Maid."	<i>Eucalyptus globulus</i>	New Zealand	zygem3H_20µl	6583	D2-3351F / D2-4057R	Phusion_58	-	-	MH651693	-

		(South Island)								
<i>Ophelimus eucalypti</i> "Trans."	<i>Eucalyptus saligna</i>	New Zealand (North Island)	zygem3H_20µl	6584	D2-3351F / D2-4057R	Phusion_58	-	-	MH651694	-
<i>Ophelimus eucalypti</i> "Trans."	<i>Eucalyptus saligna</i>	New Zealand (North Island)	zygem3H_20µl	6585	D2-3351F / D2-4057R	Phusion_58	-	-	MH651695	-
<i>Ophelimus eucalypti</i> "Trans."	<i>Eucalyptus saligna</i>	New Zealand (North Island)	zygem3H_20µl	6586	D2-3351F / D2-4057R	Phusion_58	-	-	MH651696	-
<i>Ophelimus eucalypti</i> "Trans."	<i>Eucalyptus saligna</i>	New Zealand (North Island)	zygem3H_20µl	6587	D2-3351F / D2-4057R	Phusion_58	-	-	MH651697	-
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Australia	Chitinase_QigBT	6796	-	-	HCO2198 / LCO1490	Qiagen_48	-	MH651536
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Australia	Chitinase_QiaAmp	6797	-	-	HCO2198 / LCO1490	Qiagen_48	-	MH651537
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11000	-	-	HCO2198puc / LCO1490puc	QiagenPUC_48	-	MH651503
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11001			no amplification			no amplification
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11002	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651504
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11003	-	-	HCO2198puc / LCO1490puc	QiagenPUC_48	-	MH651505

<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11004	-	-	HCO2198puc / LCO1490puc	QiagenPUC_48	-	MH651506
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11005	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651507
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11006			no amplification			no amplification
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11007	-	-	HCO2198puc / LCO1490puc	QiagenPUC_48	-	MH651508
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11008	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46		not deposited (Penicillium)
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Portugal	zygem3H_40µl	11009	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651509
<i>Ophelimus maskelli</i>	<i>Eucalyptus rudis</i>	Portugal	zygem3H_40µl	11010	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651510
<i>Ophelimus maskelli</i>	<i>Eucalyptus rudis</i>	Portugal	zygem3H_40µl	11011	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651511
<i>Ophelimus maskelli</i>	<i>Eucalyptus rudis</i>	Portugal	zygem3H_40µl	11012	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651512
<i>Ophelimus maskelli</i>	<i>Eucalyptus rudis</i>	Portugal	zygem3H_40µl	11013	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651513
<i>Ophelimus maskelli</i>	<i>Eucalyptus rudis</i>	Portugal	zygem3H_40µl	11014	-	-	HCO2198puc / LCO1490puc	QiagenPUC_48	-	MH651514

<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	Portugal	zygem3H_40µl	11015	-	-	HCO2198puc / LCO1490puc	PhusionPUC_52	-	MH651515
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	Portugal	zygem3H_40µl	11016	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651516
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	Portugal	zygem3H_40µl	11017	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651517
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	Portugal	zygem3H_40µl	11018	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651518
<i>Ophelimus maskelli</i>	<i>Eucalyptus camaldulensis</i>	Portugal	zygem3H_40µl	11019	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651519
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Italy	zygem3H_40µl	11020	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651520
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Italy	zygem3H_40µl	11021	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651521
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Italy	zygem3H_40µl	11022	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651522
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Italy	zygem3H_40µl	11023	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651523
<i>Ophelimus mediterraneus</i>	<i>Eucalyptus globulus</i>	Italy	zygem3H_40µl	11024	-	-	HCO2198puc / LCO1490puc	QiagenPUC_46	-	MH651524

* outgroup, collected from galls induced by *O. maskelli*