

**Table S1.** Host plants, sampling date, geographical coordinates, voucher numbers, BIN and Genebank accession number of *Myzocallis* spp. analysed.

Species	Host plant	Sampling date	Location	long/lat	Voucher number	GeneBank accession
<i>Myzocallis carpini</i>	<i>Carpinus betulus</i>	31 May 2017	Piemonte, Italy	49.35/1.02	MYZ/728	OP143871
<i>M. carpini</i>	<i>C. betulus</i>	23 Oct 2017	Piemonte, Italy	45.05/7.68	MYZ /753	OP143872
<i>M. occidentalis</i>	<i>Quercus. pyrenaica</i>	5 May 2018	Castile and León, Spain	42.66/-5.47	MYZ /811	OP143877
<i>M. occidentalis</i>	<i>Q. pyrenaica</i>	11 Nov 2017	Castile and León, Spain	42.67/-5.47	MYZ /767	OP143880
<i>M. occidentalis</i>	<i>Q. pyrenaica</i>	11 Nov 2017	Castile and León, Spain	42.66/-5.48	MYZ /768	OP143879
<i>M. occidentalis</i>	<i>Q. pyrenaica</i>	21 Nov 2017	Castile and León, Spain	42.66/-5.46	MYZ /776	OP143878
<i>M. glandulosa</i>	<i>Q. ithaburensis</i>	15 May 2019	Neve Yaar, Israel	32.70/35.17	MYZ /832	OP143890
<i>M. schreiberei</i>	<i>Quercus. x crenata</i>	12 Oct 2017	Piemonte, Italy	45.08/7.63	MYZ /748	OP143885
<i>M. schreiberei</i>	<i>Q. suber</i>	27 Nov 2017	Sicily, Italy	38.11/13.37	MYZ /765	OP143887
<i>M. schreiberei</i>	<i>Q. ilex</i>	1 Apr 2019	Sicily, Italy	37.21/14.84	MYZ /823	OP143886
<i>M. schreiberei</i>	<i>Q. suber</i>	11 Apr 2019	Sicily, Italy	37.10/14.50	MYZ /826	OP143884
<i>M. schreiberei</i>	<i>Q. suber</i>	11 Apr 2019	Sicily, Italy	37.09/14.50	MYZ /828	OP143881
<i>M. macrolepidis</i>	<i>Quercus macrolepis</i>	28 May 2017	Apulia, Italy	39.92/18.37	MYZ /713	OP143892
<i>M. macrolepidis</i>	<i>Q. macrolepis</i>	11 May 2018	Apulia, Italy	39.92/18.38	MYZ /790	OP143893
<i>M. boernerii</i>	<i>Quercus cerris</i>	14 June 2017	Sicily, Italy	37.77/15.09	MYZ /719	OP143873
<i>M. boernerii</i>	<i>Q. cerris</i>	14 June 2017	Sicily, Italy	37.73/15.10	MYZ /725	OP143876
<i>M. coryli</i>	<i>Corylus avellana</i>	26 May 2017	Sicily, Italy	37.79/14.82	MYZ /712	OP143869
<i>M. coryli</i>	<i>C. avellana</i>	14 Jun 2017	Sicily, Italy	37.83/14.77	MYZ /724	OP143870
<i>M. coryli</i>	<i>C. avellana</i>	26 Dec 2017	Franklin, South Africa	-30.35/29.46	MYZ /779	OP143866
<i>M. coryli</i>	<i>C. avellana</i>	19 Jun 2017	Copenhagen, Denmark	55.68/12.56	MYZ /815	OP143867
<i>M. coryli</i>	<i>C. americana</i>	28 Jun 2018	Sicily, Italy	38.11/13.77	MYZ /817	OP143868
<i>M. castanica</i>	<i>Q. cerris</i>	17 May 2007	Sardinia, Italy	40.33/8.95	MYZ/699	OP143817
<i>M. castanica</i>	<i>Q. petraea</i>	26 May 2018	Piemonte, Italy	45.08/7.33	MYZ/803	OP143815
<i>M. castanica</i>	<i>Q. petraea</i>	31 Oct 2017	Piemonte, Italy	45.09/7.34	MYZ/749	OP143813
<i>M. castanica</i>	<i>Quercus pubescens</i>	2 Jun 2018	Piemonte, Italy	45.10/7.45	MYZ/805	OP143814
<i>M. castanica</i>	<i>Q. pyrenaica</i>	21 Nov 2017	Castile and León, Spain	42.66/-5.47	MYZ/774	OP143919

<i>M. castanicola</i>	<i>Q. pyrenaica</i>	15 May 2018	Castile and León, Spain	42.66/-5.47	MYZ/799	OP143918
<i>M. castanicola</i>	<i>Q. pyrenaica</i>	5 May 2018	Castile and León, Spain	42.5/-5.49	MYZ/812	OP143816
<i>M. leclanti</i>	<i>Castanea sativa</i>	13 Jun 2017	Sicily, Italy	37.69/14.93	MYZ/717	OP143921
<i>M. leclanti</i>	<i>C. sativa</i>	14 Jun 2017	Sicily, Italy	37.69/14.93	MYZ/720	OP143920
<i>M. leclanti</i>	<i>C. sativa</i>	17 May 2017	Piemonte, Italy	45.07/7.36	MYZ/746	OP143922
<i>M. miricae</i>	<i>Myrica gale</i>	20 Sept 2019	Galicia, Spain	43.00/-8.92	MYZ/822	OP143811
<i>M. cocciferina</i>	<i>Quercus coccifera</i>	15 Jun 2017	Sicily, Italy	36.93/14.53	MYZ/727	OP143809
<i>M. cocciferina</i>	<i>Q. coccifera</i>	11 May 2018	Apulia, Italy	40.94/16.94	MYZ/795	OP143908
<i>M. cocciferina</i>	<i>Q. ilex x coccifera</i>	25 May 2017	Sicily, Italy	37.51/15.08	MYZ/709	OP143905
<i>M. cocciferina</i>	<i>Q. ilex</i>	5 Jul 2017	Sicily, Italy	37.88/15.13	MYZ/741	OP143904
<i>M. cocciferina</i>	<i>Q. ilex x coccifera</i>	5 May 2018	Sicily, Italy	37.51/15.08	MYZ/782	OP143906
<i>M. mediterranea</i>	<i>Quercus pubescens</i>	17 Jun 2017	Sicily, Italy	37.83/15.13	MYZ/740	OP143896
<i>M. mediterranea</i>	<i>Q. pubescens</i>	8 May 2018	Sicily, Italy	37.57/15.11	MYZ/783	OP143895
<i>M. mediterranea</i>	<i>Q. pubescens</i>	8 May 2018	Sicily, Italy	37.62/15.07	MYZ/784	OP143894
<i>M. mediterranea</i>	<i>Q. pubescens</i>	8 May 2018	Sicily, Italy	37.58/15.11	MYZ/785	OP143897
<i>M. komareki</i>	<i>Q. macrolepis</i>	28 May 2017	Apulia, Italy	39.92/18.38	MYZ/714	OP143903
<i>M. komareki</i>	<i>Q. cerris</i>	17 May 2017	Piemonte, Italy	45.05/7.37	MYZ/735	OP143901
<i>M. komareki</i>	<i>Q. petraea</i>	31 Oct 2017	Piemonte, Italy	45.09/7.35	MYZ/754	OP143902
<i>M. komareki</i>	<i>Q. trojana</i>	27 Nov 2019	Sicily, Italy	38.11/13.37	MYZ/793	OP143898
<i>M. walshii</i>	<i>Quercus rubra</i>	31 May 2017	Sicily, Italy	45.08/7.63	MYZ/733	OP143928
<i>M. walshii</i>	<i>Q. rubra</i>	22 Jul 2017	Katowice, Poland	50.26/19.03	MYZ/760	OP143927
<i>Tuberculatus eggleri</i>	<i>Q. pubescens</i>	13 Jun 2017	Sicily, Italy	37.66/14.96	TUB/716	OP143923
<i>T. neglectus</i>	<i>Q. petraea</i>	31 Oct 2017	Piemonte, Palermo	45.09/7.35	TUB/751	OP143924
<i>T. remaudieri</i>	<i>Q. pyrenaica</i>	21 Nov 2017	Castile and León, Spain	42.66/-5.47	TUB/771	OP143925
<i>Apulicallis trojanae</i>	<i>Q. trojana</i>	10 May 2018	Apulia, Italy	40.67/17.22	APU/788	OP143888
<i>Siculaphis vittoriensis</i>	<i>Q. ilex</i>	1 Apr 2019	Sicily, Italy	37.21/14.84	SIC/823	OP143889
<i>Hoplocallis rupertii</i>	<i>Q. macrolepis</i>	27 Nov 2019	Sicily, Italy	38.11/13.37	HOP/762	OP143926