

Electronic supplementary material (ESM5). Parasitism of non-target species and *H. halys* per month at Grugliasco in 2019 and 2020.

2019	Apr	May	Jun	Jul	Aug	Sep	Oct
<i>Acrosternum heegeri</i>							
eggs exposed			239	125			
<i>T. japonicus</i> emerged			0	8			
% parasitism by <i>T. japonicus</i>			0	6.4			
<i>Carpocoris mediterraneus</i>							
eggs exposed					20	59	7
<i>T. japonicus</i> emerged					8	12	0
% parasitism by <i>T. japonicus</i>					40	20.34	0
<i>Carpocoris purpureipennis</i>							
eggs exposed	56	258	143	17			
<i>T. japonicus</i> emerged	0	9	21	2			
% parasitism by <i>T. japonicus</i>	0	3.49	14.69	11.76			
<i>Dolycoris baccarum</i>							
eggs exposed	236	217	337	183	32		
<i>T. japonicus</i> emerged	0	0	0	0	0		
% parasitism by <i>T. japonicus</i>	0	0	0	0	0		
<i>Eurygaster austriaca</i>							
eggs exposed		125	115				
<i>T. japonicus</i> emerged		0	0				
% parasitism by <i>T. japonicus</i>		0	0				
<i>Eurygaster maura</i>							
eggs exposed	14	1289	953				
<i>T. japonicus</i> emerged	0	0	0				
% parasitism by <i>T. japonicus</i>	0	0	0				
<i>Graphosoma lineatum</i>							
eggs exposed			28	103	63	24	
<i>T. japonicus</i> emerged			0	0	0	0	
% parasitism by <i>T. japonicus</i>			0	0	0	0	
<i>Halyomorpha halys</i>							
eggs exposed		20	1206	1266	738	117	27
<i>T. japonicus</i> emerged		0	76	88	104	11	0
% parasitism by <i>T. japonicus</i>		0	6.3	6.95	14.09	9.4	0
<i>Nezara viridula</i>							
eggs exposed	202	1031	992	630	1074	51	
<i>T. japonicus</i> emerged	0	0	0	0	0	0	
% parasitism by <i>T. japonicus</i>	0	0	0	0	0	0	

<i>Palomena prasina</i>							
eggs exposed	56	988	784	83			
<i>T. japonicus</i> emerged	0	123	118	6			
% parasitism by <i>T. japonicus</i>	0	12.45	15.05	7.23			
<i>Pentatoma rufipes</i>							
eggs exposed					68	17	
<i>T. japonicus</i> emerged					3	0	
% parasitism by <i>T. japonicus</i>					4.41	0	
<i>Peribalus strictus</i>							
eggs exposed		13	81				21
<i>T. japonicus</i> emerged		0	0				0
% parasitism by <i>T. japonicus</i>		0	0				0
<i>Piezodorus lituratus</i>							
eggs exposed		785	641	45			
<i>T. japonicus</i> emerged		25	37	0			
% parasitism by <i>T. japonicus</i>		3.18	5.77	0			
<i>Rhaphigaster nebulosa</i>							
eggs exposed	66	28					
<i>T. japonicus</i> emerged	0	0					
% parasitism by <i>T. japonicus</i>	0	0					

2020	April	May	June	July	Aug	Sep	Oct
<i>Arma custos</i>							
eggs exposed				288	45		
<i>T. japonicus</i> emerged				80	20		
% parasitism by <i>T. japonicus</i>				27.78	44.44		
<i>Carpocoris mediterraneus</i>							
eggs exposed				144	206	77	
<i>T. japonicus</i> emerged				29	63	28	
% parasitism by <i>T. japonicus</i>				20.14	30.58	36.36	
<i>Carpocoris purpureipennis</i>							
eggs exposed		33	78	67			
<i>T. japonicus</i> emerged		0	0	3			
% parasitism by <i>T. japonicus</i>		0	0	4.48			
<i>Dolycoris baccarum</i>							
eggs exposed		41	559	660	121		
<i>T. japonicus</i> emerged		0	72	82	36		
% parasitism by <i>T. japonicus</i>		0	12.88	12.42	29.75		

<i>Eurydema ornata</i>							
eggs exposed		188					
<i>T. japonicus</i> emerged		0					
% parasitism by <i>T. japonicus</i>		0					
<i>Eurydema ventralis</i>							
eggs exposed		1055	71				
<i>T. japonicus</i> emerged		0	0				
% parasitism by <i>T. japonicus</i>		0	0				
<i>Eurygaster maura</i>							
eggs exposed		223		7			
<i>T. japonicus</i> emerged		0		4			
% parasitism by <i>T. japonicus</i>		0		57.14			
<i>Eysarcoris venustissimus</i>							
eggs exposed			179	5	5		
<i>T. japonicus</i> emerged			1	0	0		
% parasitism by <i>T. japonicus</i>			0.56	0	0		
<i>Graphosoma lineatum</i>							
eggs exposed			962	702	406	74	
<i>T. japonicus</i> emerged			62	88	92	33	
% parasitism by <i>T. japonicus</i>			6.44	12.54	22.66	44.59	
<i>Halyomorpha halys</i>							
eggs exposed		219	40	279	234	59	
<i>T. japonicus</i> emerged		42	0	117	171	49	
% parasitism by <i>T. japonicus</i>		19.18	0	41.94	73.08	83.05	
<i>Nezara viridula</i>							
eggs exposed		1085	849	6398	2688	145	
<i>T. japonicus</i> emerged		0	0	3	3	0	
% parasitism by <i>T. japonicus</i>		0	0	0.05	0.11	0	
<i>Palomena prasina</i>							
eggs exposed		447	210	130			
<i>T. japonicus</i> emerged		55	45	13			
% parasitism by <i>T. japonicus</i>		12.3	21.43	10			
<i>Pentatoma rufipes</i>							
eggs exposed					288	40	
<i>T. japonicus</i> emerged					235	17	
% parasitism by <i>T. japonicus</i>					81.6	42.5	
<i>Peribalus strictus</i>							
eggs exposed		16	37	341	101		
<i>T. japonicus</i> emerged		2	2	73	1		
% parasitism by <i>T. japonicus</i>		12.5	5.41	21.41	0.99		

<i>Piezodorus lituratus</i>							
<i>eggs exposed</i>		693	570	54	4		
<i>T. japonicus</i> emerged		20	19	0	0		
% parasitism by <i>T. japonicus</i>		2.89	3.33	0	0		
<i>Rhaphigaster nebulosa</i>							
<i>eggs exposed</i>		56	25	11			
<i>T. japonicus</i> emerged		10	0	0			
% parasitism by <i>T. japonicus</i>		17.86	0	0			