



Table S1. Number of captures of oak-living clear-wing moth species (Sesiidae) in pheromone traps during April-June (2020–2023) in Extremadura (SW Spain), along with the geographical and ecological variables of each sampled site. Captures of the most important non-target clear-wing moth species are also provided.

No.	Year ¹	Municipality	Prov. ²	Site / dehesa	Code ³	Latitude ⁴	Longitude ⁴	Altitude ⁵	Host ⁶	Number of captures ⁷						
										Pins	Scon	Scod	Sves	Buro	Pchr	Pleu
1	2020	Santibáñez el Bajo	CC	Arroyo del Lobato	0	40.1556	−6.2296	414	Co		43		10			
2	2021	Hornachos	BA	Cortijo Nuevo	1	38.5770	−6.0518	538	Co	16	1			2		
3	2021	Azuaga	BA	Coto de las Veguillas	2	38.2436	−5.6583	501	Ho	2	2	1	1			
4	2021	Malpartida de la Serena	BA	El Coto	3	38.7401	−5.6403	442	Ho	1		1			2	
5	2021	Alconera	BA	La Hoya	4	38.3708	−6.4698	532	Ho	2	1	3	6			
6	2021	Jerez de los Caballeros	BA	Los Rubiales	5	38.3473	−6.7755	513	Co	10	12		3			
7	2021	Torre de Miguel Sesmero	BA	Caballo Alto	6	38.6825	−6.7356	292	Ho			1		1	1	
8	2021	Mirabel	CC	Dehesa Boyal	7	39.8472	−6.2572	487	Co	15	29		5			
9	2021	Alcántara	CC	Las Quemadas	8	39.7104	−6.6288	372	Ho	2		3		2		
10	2021	Cáceres	CC	Colmenarejo de la Plata	9	39.4538	−6.2900	423	Ho	15						
11	2021	Alburquerque	BA	La Galga	10	39.1405	−6.9513	278	Co	6						
12	2021	Valencia de Alcántara	CC	Cueva del Oro	11	39.3620	−7.3039	611	Co	18	55		14			
13	2021	Talarrubias	BA	La Jara	12	39.0991	−5.1678	426	Ho		1	1				
14	2021	Escorial	CC	San Salvador-El Noque	13	39.1929	−5.8907	370	Co	1	2	1				3

Supplementary table to the article “Chorology, flight curves and diel activity of oak-living clear-wing moths in Extremadura, SW Spain (Lepidoptera: Sesiidae)”, by Luis M. Torres-Vila, Adrián J. Montero-Calvo, F. Javier Mendiola-Díaz, Rafael López-Calvo, Álvaro Sánchez-González, Francisco Ponce-Escudero, Félix Fernández-Moreno and Zdeněk Laštůvka. *Forest Systems* Vol. 34 No.1, 2025 (<https://doi.org/10.5424/fs/2025341-20915>)



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15	2021	Cordobilla de Lácara	BA	Los Tejoneros	14	39.1201	−6.4673	335	Co	3						3
16	2021	Monesterio	BA	El Zumacal	15	38.0689	−6.2831	828	Ho	12	6		1			
17	2021	Plasencia	CC	Matasanos	16	40.0019	−6.0929	414	Co	11			1			
18	2021	Calzadilla	CC	La Pilata	17	40.0676	−6.5060	384	Co	7						
19	2021	Jaraicejo	CC	La Laguna	18	39.6739	−5.7905	562	Co	11	44					
20	2021	Collado de la Vera	CC	Rubique-Los Españales	19	40.0515	−5.7243	456	Ho	6	21		7			
21	2021	Navalvillar de Ibor	CC	Collado del Portezuelo	20	39.5820	−5.3553	1064	Po	20	124		7			
22	2021	Lobón	BA	La Orden	21	38.8554	−6.6697	184	Ho				1		2	1
23	2021	Santibáñez el Bajo	CC	Arroyo del Lobato	22S	40.1556	−6.2296	414	Co	7	13		3			
24	2021	Alburquerque	BA	Azagala	23	39.1721	−6.8316	317	Co		3				4	
25	2021	Mérida	BA	IPROCOR	24	38.9227	−6.3930	207	Ho							
26	2021	Carmonita	BA	Las Cañas	25	39.1646	−6.3309	395	Co	5	24				1	
27	2022	Mérida	BA	Azud del Aljucén (PN de Cornalvo)	31	39.0652	−6.2785	272	Ho	3	32				1	
28	2022	Montánchez	CC	La Abejarana I	32	39.2156	−6.1321	896	Po	8	107		106	8		
29	2022	Almendral	BA	La Jara	33	38.6418	−6.8578	326	Ho	1		1	4			
30	2022	Aliseda	CC	Valdelayegua de la Casa	34	39.3960	−6.6805	389	Ho	5	35		1			
31	2022	Cabeza la Vaca	BA	Puerto Romero	35	38.0570	−6.3872	929	Po	7	42		20			

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										Pins	Scon	Scod	Sves	Buro	Pchr	Pleu
32	2022	Alconchel	BA	Misa Alba	36	38.4665	−7.0081	330	Ho	2		4	1			
33	2022	Deleitosa	CC	Las Bodegas	37	39.6912	−5.6271	495	Co	6	27		11			
34	2022	Gargantilla	CC	Puerto de Honduras (Malpaso)	38	40.2302	−5.8775	1385	Po	1	71	1	30			
35	2022	Navalvillar de Pela	BA	Hoyo de Pela	39	39.0352	−5.4826	405	Co	7					4	
36	2022	Madroñera	CC	Valdelamadera	40	39.4038	−5.7267	834	Po		47		33			
37	2022	Santibáñez el Alto	CC	Galinda	41	40.1680	−6.5752	403	Po	2	75		23			
38	2022	Caminomorisco	CC	Riomalo de Abajo (Las Barracas)	42	40.4015	−6.0803	389	Ho	3	6					
39	2022	Santibáñez el Bajo	CC	Arroyo del Lobato	43S	40.1556	−6.2296	414	Co	3	15	1	3			10
40	2022	Montánchez	CC	La Abejarana II	44F	39.2160	−6.1327	891	Po	5	7		44	39		
41	2023	Santibáñez el Bajo	CC	Arroyo del Lobato	45	40.1556	−6.2296	414	Co		18	2	7			2
42	2023	Montánchez	CC	La Abejarana II	46F	39.2160	−6.1327	891	Po	8	194		109	43		

¹ Data refer only to the spring captures (April-June) of each year

² Provinces of Extremadura: BA (Badajoz), CC (Cáceres)

³ Site code. A letter in the code indicates that captures come from automated traps, either phototaps (F) or infrared-sensor traps (S), which were used to study diel activity. See text for additional information

⁴ WGS84 geographic coordinates (latitude/longitude) in decimal format

⁵ Altitude (m)

⁶ Main host oak species in the sampled site: Ho (Holm oak, *Quercus ilex* L.), Co (Cork oak, *Quercus suber* L.), Po (Pyrenean oak, *Quercus pyrenaica* Willd.)

⁷ Mean number of captures per trap (1-3 traps per site) for each species in April-June. Oak-living species, **Pins**: *Paranthrene insolita* Le Cerf, 1914 [= *P. insolitus*]; **Scon**: *Synanthedon conopiformis* (Esper, [1782]); **Scod**: *Synanthedon codeti* (Oberthür, 1881); **Sves**: *Synanthedon vespiformis* (L. 1761). The two other oak-living species, *Synanthedon stomoxiformis* (Hübner, 1790) and *Synanthedon spuleri* (Fuchs, 1908), were never recorded. Main non-target species are also included, **Buro**: *Bembecia uroceriformis* (Treitschke, 1834); **Pchr**: *Pyropteron chrysidiiformis* (Esper, 1782); **Pleu**: *Pyropteron (Synansphecía) leucomelaena* (Zeller, 1847)