

New and interesting Portuguese Lepidoptera records from 2024 (Insecta: Lepidoptera)

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Abstract

This paper is the nineteenth in the series of annual summaries presenting new information on Portuguese Lepidoptera. Based on fieldwork and studies carried out by the authors and others during 2024, ten species are added to the Portuguese Lepidoptera fauna, including one species new to the Iberian Peninsula, while one species is removed. In addition, several new province and other noteworthy records are reported. A summary of recent publications affecting the Portuguese fauna is also provided. The revised total number of Lepidoptera species recorded from Portugal, considering also the taxonomic updates discussed in recent publications, now stands at 2816.

Keywords: Insecta, Lepidoptera, distribution, faunistics, Portugal.

Novos e interessantes registos portugueses de Lepidoptera em 2024 (Insecta: Lepidoptera)

Resumo

Este artigo é o décimo nono da série de resumos anuais que apresentam nova informação sobre Lepidoptera de Portugal. Com base em trabalho de campo e estudos realizados pelos autores e por outros durante o ano de 2024, dez espécies são adicionadas à fauna de Lepidoptera de Portugal, incluindo uma espécie nova para a Península Ibérica, enquanto uma espécie é removida. Além disso, são apresentados vários novos registos de província e outros registos relevantes. É também incluído um resumo das publicações recentes com impacto na fauna portuguesa. O número total revisado de espécies de Lepidoptera registadas em Portugal, considerando também as atualizações taxonómicas discutidas em publicações recentes, é agora de 2816 espécies.

Palavras-chave: Insecta, Lepidoptera, distribuição geográfica, faunística, Portugal.

Nuevas e interesantes citas portuguesas de Lepidoptera en 2024 (Insecta: Lepidoptera)

Resumen

Este trabajo es el decimonoveno da serie de resúmenes anuales que presentan nueva información sobre Lepidoptera de Portugal. Basado en el trabajo de campo y en los estudios realizados por los autores y otros colaboradores durante el año 2024, se añaden diez especies a la fauna de Lepidoptera de Portugal, incluyendo una especie nueva para la península ibérica, mientras que una especie es eliminada. Además, se presentan varios nuevos registros provinciales y otros registros de interés. También se incluye un resumen de las publicaciones recientes que afectan a la fauna portuguesa. El número total revisado de especies de Lepidoptera

registradas en Portugal, considerando también las actualizaciones taxonómicas discutidas en publicaciones recientes, asciende ahora a 2.816 especies.

Palabras clave: Insecta, Lepidoptera, distribución geográfica, faunística, Portugal.

Introduction

This paper is the nineteenth in the series of annual summaries presenting new knowledge on Portuguese Lepidoptera. It includes records of species added to the Portuguese fauna in 2024, as well as some previously unpublished records, new province records not listed in the national checklist (Corley, 2015), and other noteworthy data. Corrections to earlier records, based on newly available information, are also provided. Recent publications relevant to the Portuguese Lepidoptera fauna are listed and briefly summarised.

The Portuguese moth recording scheme, Rede de Estações de Borboletas Noturnas, launched in 2021, has made a significant contribution to the knowledge of moth species distribution in Portugal (Nunes et al. 2025a). First national and province records arising from this project during 2024, i.e., records submitted to the eBMS platform via butterfly-monitoring.net or the ButterflyCount mobile application, are included in this paper.

Ten species new to Portugal are reported here, including one new to the Iberian Peninsula, while one species is removed from the Portuguese list. In Corley et al. (2024), the number of Lepidoptera species known from mainland Portugal was 2794. Considering the records presented in this paper and the taxonomic updates discussed in recent publications, the revised total now stands at 2816 species.

Material and Methods

All moth records reported in this paper were obtained through light trapping, unless otherwise stated. Larval records were obtained through direct searches, and identifications were made only after *ex situ* rearing with the hostplant on which the larvae were found. Specimens of species newly recorded for Portugal are retained in the collections of the original recorders, unless otherwise indicated. For records supported by preserved specimens and genitalia preparations, the corresponding specimen and slide codes are provided. Original photographs of several species newly recorded for Portugal are included. Finally, an Appendix details the position of species newly recorded for Portugal in the checklist, along with all nomenclatural changes resulting from recent literature.

The order and nomenclature of families and species follow the Portuguese checklist (Corley, 2015) and subsequent updates in this series (Corley et al. 2016, 2018a, 2018b, 2019, 2020, 2021, 2022, 2023, 2024). Plant nomenclature follows the World Checklist of Vascular Plants database (Govaerts, 2024).

Entries for species new for Portugal conclude with a summary of their known European distribution, based on relevant cited works, as well as available information on larval host-plants.

Localities (municipality in brackets) with UTM squares and altitude (Figure 1)

Abiúl (Pombal)	29S NE3940	150 m
Aguiar de Sousa (Paredes)	29T NF4752	60 m
Alcáçovas (Viana do Alentejo)	29S NC7348	205 m
Aljezur (Aljezur)	29S NB1623	70 m
Ansião, 2 km E. of, (Ansião)	29S NE5011	250 m
Arganil (Arganil)	29T NE8052	160 m
Arrochela (Silves)	29S NB4814	60 m
Aveção do Cabo, Campeã (Vila Real)	29T NF9372	755 m
Bairro dos Formarigos (Bragança)	29T PG8429	675 m
Bajouca, Gemunde (Maia)	29T NF3069	90 m
Bensafrim (Lagos)	29S NB2512	20 m
Bertandos (Ponte de Lima)	29T NG2923	5 m
Bouro, Salir do Porto (Caldas da Rainha)	29S MD8669	17 m
Braço da Barrosa, Lagoa de Óbidos (Óbidos)	29S MD8461	1 m
Bragança (Bragança)	29T PG8731	610 m

Campo (Caldas da Rainha)	29S MD8764	14 m
Casais do Porto, Louriçal (Pombal)	29T NE2329	5 m
Casal do Seixal, Salir do Porto (Caldas da Rainha)	29S MD8670	55 m
Casalinho (Alpiarça)	29S ND3842	35 m
Casas Baixas, Cachopo (Tavira)	29S PB0733	360 m
Casfreires (Sátão)	29T PF0919	700 m
Castro Laboreiro (Melgaço)	29T NG6952	980 m
Cesaredas, Reguengo Grande (Lourinhã)	29S MD8050	145 m
Chão da Parada, Tornada (Caldas da Rainha)	29S MD8769	0 m
Chão do Ulmeiro (Pombal)	29S NE3830	330 m
Concavada (Abrantes)	29S ND8067	110 m
Entrecampos (Lisboa)	29S MC8696	77 m
Entroncamento (Entroncamento)	29S ND4568	35 m
Fão (Esposende)	29T NF1994	10 m
Fonte Boa (Esposende)	29T NF2094	10 m
Fonte da Pedra, Louriçal (Pombal)	29S NE1951	40 m
Gâmbia (Setúbal)	29S NC2066	10 m
Gens (Gondomar)	29T NF4352	85 m
Guerreiros do Rio (Alcoutim)	29S PB3740	2 m
Herdade da Mitra, Valverde (Évora)	29S NC8565	215 m
Ilha da Culatra (Faro)	29S PA0395	4 m
Ilha da Morraceira (Figueira-da-Foz)	29T NE1528	3 m
Lagoa da Ervedeira, Coimbrão (Leiria)	29S NE0819	50 m
Lagoa da Nave (Loulé)	29S NB8419	155 m
Lagoa das Correntes, Carriço (Pombal)	29T NE1133	30 m
Lagoa de São José, Mata do Urso, Carriço (Pombal)	29T NE1028	45 m
Lagoa Pequena (Sesimbra)	29S MC8763	5 m
Macarca, Alfeizerão (Alcobaça)	29S MD9274	40 m
Malhada do Falcato (Vidigueira)	29S PC1032	320 m
Mata da Margaraça (Arganil)	29T NE9260	500 m
Mata do Vimeiro (Alcobaça)	29S MD9771	85 m
Mirandela (Mirandela)	29T PF5295	220 m
Nazaré, 2 km N. of (Nazaré)	29S MD9488	85 m
Óbidos (Óbidos)	29S MD8656	70 m
Oliveira do Douro (Vila Nova de Gaia)	29T NF3451	155 m
Ota (Alenquer)	29S MD9928	185 m
Outeiro de São Miguel (Guarda)	29T PE4992	890 m
Panchorra (Resende)	29T NF8640	1060 m
Paul de Tornada (Caldas da Rainha)	29S MD8866	10 m
Paul do Boquilobo (Torres Novas)	29S ND4062	20 m
Pedra Amarela, Alcabideche (Cascais)	29S MC6290	225 m
Pó (Bombarral)	29S MD8051	55 m
Poça do Vau (Óbidos)	29S MD8159	5 m
Ponta da Piedade (Lagos)	29S NB2804	45 m
Ponte de Serpa (Beja)	29S PC1804	50 m
Portas do Mouchão da Cabra (Vila Franca de Xira)	29S ND0200	0 m
Portinho da Arrábida (Setúbal)	29S NC0158	10 m
Posto de vigia da Serra de Alvaizere (Alvaizere)	29S NE5041	310 m
Póvoa do Conde (Santarém)	29S ND1849	60 m
Praia das Pedras Negras (Marinha Grande)	29S ME9804	0 m
Praia do Cabedelo (Viana do Castelo)	29T NG1314	0 m
Praia do Guincho (Cascais)	29S MC5988	18 m
Praia do Samouco (Marinha Grande)	29S NE0007	5 m
Quinta da Suratesta (Beja)	29S NC9911	200 m
Quinta de Marim (Olhão)	29S PA0599	15 m
Rio Caldo (Terras de Bouro)	29T NG6714	230 m

Rio Este, Espinheira (Vila do Conde)	29T NF2580	15 m
Santa Margarida da Coutada (Constância)	29S ND5866	145 m
Santa Maria da Feira (Santa Maria da Feira)	29T NF3829	110 m
Santa Maria de Marvão (Marvão)	29S PD3863	490 m
São Gonçalo de Lagos (Lagos)	29S NB2710	20 m
São Martinho do Porto (Caldas da Rainha)	29S MD8772	4 m
São Miguel (Guarda)	29T PE4890	820 m
São Vicente de Penso, Carcavelos (Braga)	29T NF4693	185 m
Trafaria (Almada)	29S MC7979	70 m
Verdizela (Seixal)	29S MC8769	70 m
Vila Verde de Ficalho (Serpa)	29S PB4597	205 m
Zavial (Vila do Bispo)	29S NB1100	30 m

Recorders

Paulo Alves	Sónia Ferreira	Joaquim Nascimento
Hélio Batista	Eduardo Flor	João Nunes
Helder Cardoso	José Flor	Sofia Palma
João Pedro Cardoso	Luís Gaifém	Jorge Rosete
Fernando Carvalho	Pedro Gomes	Maria do Céu Santos
Nelson Conceição	Ernesto Gonçalves	Carlos Silva
Ângela Cordeiro	Darinka Gonzalez	Carlos Silva and Fernanda Lameira
Martin Corley	Mauro Hilário	Diogo Silva
Anton Cox	Paulo Lemos	Luís Silva
John Dapling	André Marques	Isabel Cunha Soares
José Luís Fabião	Paulo Martins	Joaquim Teixeira
Agostinho Fernandes	Simão Mateus	Ana Valadares
Rui Ferreira	Sónia Mendes	Thijs Valkenburg

Abbreviations and symbols

*	New for Portugal	f	female
**	New for the Iberian Peninsula	gen. det.	determined by analysis of genitalia
coll.	in collection of	gen. prep.	genitalia preparation by
conf.	confirmed by	m	male
det.	determined by	REBN	Record obtained under the Portuguese moth recording scheme

Provinces

AAL	Alto Alentejo
ALG	Algarve
BA	Beira Alta
BAL	Baixo Alentejo
BB	Beira Baixa
BL	Beira Litoral
DL	Douro Litoral
E	Estremadura
M	Minho
R	Ribatejo
TM	Trás-os-Montes

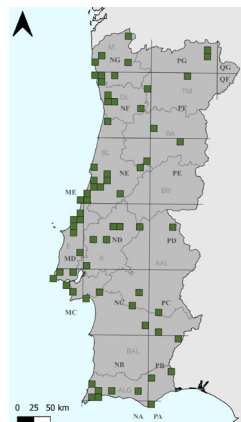


Figure 1. Distribution of records across Portugal shown in UTM 10×10 km grid squares. Provinces are outlined and labelled with their respective abbreviations.

List of records

MICROPTERIGIDAE

Micropterix granatensis Heath, 1981

E: Ota, 9-IV-2024, H. Cardoso, conf. Corley.

NEPTICULIDAE

Trifurcula ortneri (Klimesch, 1951)

E: Trafaria, 16-VIII-2024, Fabião, gen. det. Fabião (100-8626 m), (REBN).

OPOSTEGIDAE

Opostegoides menthinella (Mann, 1855)

DL: Panchorra, 4-VIII-2024, Rosete, gen. det. Rosete (JR822 f).

HELIOZELIDAE

Heliozela resplendella (Stainton, 1851)

DL: Aguiar de Sousa, 5-IX-2024, Nunes, leafmines on *Alnus glutinosa* (L.) Gaertn.

ADELIDAE

Nematopogon schwarziellus Zeller, 1839

BL: Mata da Margaraça, Arganil, 15-V-2016, Rosete, gen. det. Corley (GP4937 m).

PSYCHIDAE

Dissoctena granigerella Staudinger, 1859

AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete.

Luffia lapidella (Goeze, 1783)

BL: Alvaiázere, ex pupa, 9-VIII-2021, Rosete.

Oiketicoides eganai (Agenjo, 1962)

AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete, gen. det. Rosete (JR873 m), conf. W. Arnscheid.

TINEIDAE

Infurcitinea atrifasciella (Staudinger, 1871)

E: Verdizela, Seixal, 6-VI-2024, Hilário (REBN).

Dryadaula heindeli Gaedike & Scholz, 1998

Second Portuguese record. BL: Fonte da Pedra, Louriçal, 18-V-2024, to pheromone lure, Corley and Rosete.

Nemapogon agenjo Petersen, 1959

E: Trafaria, 31-V-2024, Fabião, gen. det. Fabião (100-7152 m), (REBN).

Tinea basifasciella Ragonot, 1895

E: Trafaria, 1-VI-2024, Fabião, gen. det. Fabião (100-7281 m), (REBN).

Tinea columbariella Wocke, 1877

E: Trafaria, 26-VII-2024, Fabião, gen. det. Fabião (100-8179 f), (REBN).

BUCCULATRICIDAE

Bucculatrix helichrysella Constant, 1889

E: Praia do Samouco, Marinha Grande, 20-IV-2024, Rosete, gen. prep. Rosete (JR773 m), conf. Z. Tokár.

Delete *Bucculatrix basifuscella* (Staudinger, 1880). Record reported in Passos de Carvalho & Corley (1995) and Corley (2015) belongs to the next species.

*****Bucculatrix pyrenaica* Nel & Varenne, 2004**

ALG: Lagoa da Nave, 22-IV-1992, Corley, previously identified as *B. basifuscella* (Staudinger, 1880); Zavial, 7-X-2024, Fabião, gen. det. Fabião (100-9967 m), conf. Nel (Figure 2). France (Nel & Varenne, 2004). Host-plant unknown.

GRACILLARIIDAE

Caloptilia falconipennella (Hübner, 1813)

BL: Casais do Porto, Lourical, 3-VII-2024, Rosete, gen. det. Rosete (JR783 m).

Phyllonorycter oxyacanthae (Frey, 1855)

BL: Chão do Ulmeiro, Pombal, 30-VI-2024, Rosete, gen. det. Rosete (JR776 m).

Phyllonorycter millierella (Staudinger, 1871)

AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete, gen. det. Rosete (JR845 m).

YPONOMEUTIDAE

Zelleria oleastrella (Millière, 1864)

R: Casalinho, Alpiarça, 12-VII-2024, C. Silva and F. Lameira (REBN).

PRAYDIDAE

Prays oleae (Bernard, 1788)

DL: Oliveira do Douro, 14-X-2024, R. Ferreira, det. Fabião (REBN).

Prays peregrina Agassiz, 2007

E: Pó, Bombarral, 29-VII-2024, H. Cardoso (REBN).

GLYPHIPTERIGIDAE

Orthotelia sparganella (Thunberg, 1788)

E: Chão da Parada, Tornada, 12-IX-2023, Lemos, by torchlight.

****Glyphipterix schoenicolella* Boyd, 1858**

BL: Lagoa das Correntes, Carriço, 18-V-2024, Corley and Rosete, by day on *Schoenus nigricans* L (Figure 3). Recorded from Southern to Northern Europe as far as Russia. Larva known to feed on *Schoenus nigricans* L., *Cyperus longus* L. and *Cladium mariscus* (L.) Pohl (Ernst, 2009; Ernst & Niederbichler, 2014).

AUTOSTICHIDAE

Symmoca nigromaculella Ragonot, 1875

AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete, gen. prep. Rosete (JR841 m), gen. det. Corley.

OECOPHORIDAE

Goidanichiana jourdheuillega (Ragonot, 1875)

R: Casalinho, Alpiarça, 7-V-2024, C. Silva and F. Lameira (REBN).

DEPRESSARIIDAE

Agonopterix assimilella (Treitschke, 1832)

DL: Panchorra, 04-VIII-2024, Rosete, gen. det. Rosete (JR812 m).

Agonopterix olusatri Corley & Buchner, 2019

E: Trafaria, 10-II-2024, Fabião, gen. det. Fabião (100-5633 m), (REBN).

Depressaria badiella (Hübner, 1796)

E: Trafaria, 9-VI-2024, Fabião, gen. det. Fabião (100-7402 f), (REBN).

COSMOPTERIGIDAE

Coccidiphila gerasimovi Danilevsky, 1950

E: Trafaria, 23-III-2024, Fabião, gen. det. Fabião (100-5461 f), (REBN).

Vulcaniella grabowiella (Staudinger, 1859)

BAL: Malhada do Falcato, 22-V-2024, Corley and S. Ferreira.

GELECHIIDAE

Syncopacma albipalpella (Herrich-Schäffer, 1854)

DL: Gens, 19-V-2024, Nunes (JN0455), reared on *Genista triacanthos* Brot., gen. det. Nunes (GP0032).

Syncopacma polychromella (Rebel, 1902)

E: Trafaria, 23-XI-2024, Fabião (REBN).

Anarsia lineatella Zeller, 1839

E: Trafaria, 18-V-2024, Fabião, gen. det. Fabião (100-6889 m), (REBN).

Epidola stigma Staudinger, 1859

R: Casalinho, Alpiarça, 21-VII-2024, C. Silva and F. Lameira, det. Nunes (REBN).

Pragmatodes melagonella (Constant, 1895)

E: Trafaria, 24-VIII-2024, Fabião, gen. det. Fabião (100-8891 m), (REBN).

Oxypteryx immaculatella (Douglas, 1850)

E: Trafaria, 30-VIII-2024, Fabião, gen. det. Fabião (100-8985 m), (REBN).

**Scrobipalpa nitentella* (Fuchs, 1902)

E: Trafaria, 16-VIII-2024, Fabião, gen. det. Fabião (100-8733 f) (REBN) (Figure 4). Known from coasts of southern and western Europe. Larva on *Amaranthaceae*, such as *Atriplex* L., *Suaeda* Forssk. ex J. F. Gmel. and *Salicornia* L. (Huemer & Karsholt, 2010).

Scrobipalpa ergasima (Meyrick, 1916)

E: Trafaria, 16-VIII-2024, Fabião, gen. det. Fabião (100-8621 m), (REBN).

Neotelphusa cisti (Stainton, 1869)

E: Praia do Samouco, Marinha Grande, 10-VIII-2024, Rosete, gen. det. Corley (JR859 m).

**Istrianis myricariella* (Frey, 1870)

ALG: Bensafrim, 7-VI-2024, Valadares, reared on *Tamarix* L., gen. det. Fabião (AV240927D) (Figure 5). Corley et al. (2000) reported this species from Portugal, also from Bensafrim, but the material supporting that record was later re-examined and identified as *Istrianis arenicolella* (Caradja, 1920), following the discovery of the latter species in Portugal (see Corley et al. (2023)). *I. myricariella* is known from North Africa, Turkey and Southern Europe, northwards to Germany (Bidzilya & Karsholt, 2015).

Xenolechia aethiops (Humphreys & Westwood, 1845)

E: Trafaria, 6-IX-2024, Fabião, gen. det. Fabião (100-9076 f), (REBN).

ELACHISTIDAE

Elachista nuraghella Amsel, 1951

E: Trafaria, 21-IV-2024, Fabião, gen. det. Fabião (100-6484 m), (REBN).

Elachista canapennella (Hübner, 1813)

DL: Panchorra, 04-VIII-2024, Rosete, gen. det. Rosete (JR828 m).

**Elachista anserinelloides* Nel, 2003

M: Castro Laboreiro, 2-VII-2021, Nunes, coll. Corley, det. by barcode (INV10158) (Figure 6). Recorded from France and Spain. Host-plant unknown (Kaila, 2019).

COLEOPHORIDAE

Coleophora perplexella Toll, 1960

BL: Abiúl, Pombal, 4-IV-2024, Rosete, gen. det. Rosete (JR762 m).

Coleophora bilineella Herrich-Schäffer, 1855

E: Praia do Samouco, Marinha Grande, 10-VIII-2024, Rosete, gen. det. Rosete (JR836 f).

**Coleophora medelichensis* Krone, 1908

BA: Casfreires, Sátão (7-10)-VI-2011, Cox, gen. prep. Van der Wolf (Wf.10858 m), deposited in Natuurmuseum Brabant, Tilburg, Netherlands. Known from Southern Europe from Spain to Greece, northwards to Czechia. Larva on *Lotus dorycnium* L. (Baldizzone, 2019).

Coleophora versurella Zeller, 1849

E: Trafaria, 20-VII-2024, Fabião, gen. det. Fabião (100-7156 f), (REBN).

Coleophora luteolella Staudinger, 1880

E: Trafaria, 18-V-2024, Fabião, gen. det. Fabião (100-6917 f), (REBN).

**Coleophora texanella* Chambers, 1878

E: Trafaria, 31-VIII-2024, Fabião, gen. det. Fabião (100-9044 m) (REBN) (Figure 7). A North American species introduced into Europe, first recorded in Greece in 2003, now known from much of southern Europe, where it is known to feed on *Portulaca oleracea* L. (Baldizzone, 2019).

SCYTHRIDIDAE

Scythris terrenella (Zeller, 1847)

AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete, gen. det. Rosete (JR848 m).

Episcythriss triangulella (Ragonot, 1874)
E: Trafaria, 21-VI-2024, Fabião (REBN).

Eretmocera medinella (Staudinger, 1859)
Second Portuguese record. ALG: Ponta da Piedade, 13-VII-2024, Soares, det. Nunes.

PTEROPHORIDAE

Agdistis heydeni (Zeller, 1852)
AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete, gen. det. Rosete (JR846 f).

Stenoptilodes taprobanes (Felder & Rogenhofer, 1875)
BL: Ilha da Morraceira, Figueira-da-Foz, 1-VIII-2024, Rosete.

Stangeia siceliota (Zeller, 1847)
M: Fão, 9-VIII-2024, Gaifém, det. Nunes (REBN).

EPERMENIIDAE

Epermenias chaerophyllella (Goeze, 1783)
DL: Panchorra, 04-VIII-2024, Rosete, gen. det. Rosete (JR821 m).

TORTRICIDAE

Platynota stultana Walsingham, 1884
Second and third Portuguese records. ALG: Quinta de Marim, 1-VI-2024, Valkenburg; DL: Bajouca, Gemunde, 14-X-2024, C. Silva.

Clepsis dumicolana (Zeller, 1847)
Second Portuguese record. DL: Santa Maria da Feira, 15-IV-2024, Marques.

Clepsis coriacanus (Rebel, 1894)
R: Casalinho, Alpiarça, 11-VI-2024, Nascimento (REBN).

Clepsis peritana (Clemens, 1860)
AAL: Alcáçovas, 9-VIII-2024, R. Ferreira, det. Nunes (REBN); TM: Mirandela, 23-III-2024, Gonzalez (REBN).

Cnephassia conspersana Douglas, 1846
E: Trafaria, 13-VI-2024, Fabião, gen. det. Fabião (100-6773 f), (REBN).

Cochylimorpha elongana (Fischer von Röslerstamm, 1839)
E: Praia do Samouco, Marinha Grande, 20-IV-2024, Rosete.

Cochylimorpha decolorella (Zeller, 1839)
R: Casalinho, Alpiarça, 20-III-2024, C. Silva and F. Lameira, det. Nunes (REBN).

**Diceratura ostrinana* (Guenée, 1845)
TM: Bairro dos Formarigos, Bragança, 3-VIII-2024, Nunes (JN0499), gen. det. Nunes (GP0035 f) (Figure 8). Southern Europe from Spain to Hungary and Ukraine. Larva on flowers of *Chondrilla juncea* L. and *Dipsacus* L. (Razowski, 2002).

Hedya atropunctana (Zetterstedt, 1839)

TM: Aveção do Cabo, Campeã, 11-V-2024, Nunes (REBN).

Celypha lacunana (Denis & Schiffermüller, 1775)

E: Campo, Caldas da Rainha, 2-V-2022, Lemos, by day.

Enarmonia formosana (Scopoli, 1763)

Second Portuguese record. M: Bertandos, 4-V-2024, Gonçalves.

Epinotia thapsiana (Zeller, 1847)

R: Paúl do Boquilobo, 13-VIII-2024, Alves (REBN).

Pelochrista infidana (Hübner, 1824)

E: Praia do Samouco, Marinha Grande, 25-VII-2014, Rosete.

Pseudococcyx friedmariana Larsen, 2020

E: Verdizela, Seixal, 17-III-2024, Hilário, det. Nunes (REBN).

Rhyacionia duplana (Hübner, 1813)

E: Trafaria, 27-I-2024, Fabião (REBN); M: Fão, 10-II-2024, Gaifém (REBN); TM: Bragança, 13-II-2024, Cordeiro, det. Nunes (REBN).

Dichrorampha letarfensis Gibeaux, 1983

DL: Rio Este, Espinheira, 14-V-2024, larva in flowerhead of *Coleostephus myconis* (L.) Rchb.f., Corley, gen.prep. M. Dale.

Cydia strigulatana (Kennel, 1899)

R: Entroncamento, 23-III-2024, Martins, det. Nunes (REBN).

Cydia interscindana (Möschler, 1866)

ALG: Arrochela, Silves, 21-VI-2024, Valkenburg.

SESIIDAE

Tinthia tineiformis (Esper, 1789)

BAL: Quinta da Suratesta, 22-V-2024, to pheromone lure, Corley and S. Ferreira.

Pyropteron koschwitzi (Špatenka, 1992)

E: Praia do Guincho, 15-V-2024, to pheromone lure, Corley and L. Silva.

Pyropteron doryliformis (Ochsenheimer, 1808)

BAL: Quinta da Suratesta, 22-V-2024, to pheromone lure, Corley and S. Ferreira. Second inland Portuguese record.

PYRALIDAE

Hypsopygia incarnatalis (Zeller, 1847)

E: Lagoa Pequena, Sesimbra, 24-VIII-2024, Batista (REBN).

Pyalis lienigialis (Zeller, 1843)

R: Casalinho, Alpiarça, 1-VI-2024, C. Silva and F. Lameira, det. Nunes (REBN).

Stemmatophora vulpecalis (Ragonot, 1891)

DL: Aguiar de Sousa, 13-VII-2024, Nunes (REBN); E: Mata do Vimeiro, 1-VIII-2023, Lemos; R: Santa Margarida da Coutada, 12-VII-2024, Mendes, det. Nunes (REBN).

Stemmatophora combustalis (Fischer von Röslerstamm, 1842)

BA: Outeiro de São Miguel, Guarda, 13-VII-2024, E. Flor (REBN).

Stemmatophora rungsi (Leraut, 2000)

E: Verdizela, Seixal, 24-VIII-2024, Hilário, det. Nunes (REBN).

Aglossa caprealis (Hübner, 1809)

BA: São Miguel, Guarda, 19-VIII-2024, E. Flor (REBN); R: Concavada, 10-VII-2024, Alves (REBN).

Cryptoblabes gnidiella (Millière, 1867)

R: Entroncamento, 21-IX-2024, Martins, det. Nunes (REBN).

Alophia combustella (Herrich-Schäffer, 1855)

AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete, gen. det. Rosete (JR710 m).

Amphithrix sublineatella (Staudinger, 1859)

BL: Lagoa de São José, Mata do Urso, Carriço, 11-VIII-2018, Rosete.

Phycita diaphana (Staudinger, 1870)

E: Trafaria, 20-IX-2024, Fabião, gen. det. Fabião (100-9422 f), (REBN).

Pima boisduvaliella (Guenée, 1845). The records reported in Passos de Carvalho & Corley (1995) and Corley et al. (2020) refer to a different species, which may correspond to one of the North African taxa described by Slamka (2019) or possibly an undescribed species. Only males are available to the authors. Until this issue is resolved, the Portuguese records of “*Pima boisduvaliella*” should be treated as *Pima* sp.

Acrobasis fallouella (Ragonot, 1871)

BL: Ansião, 2 km E. of, 10-VIII-2011, Rosete; E: Trafaria, 1-VI-2024, Fabião, gen. det. Fabião (100-7244 m), (REBN); AAL: Herdade da Mitra, Valverde, 14-IX-2024, Rosete, gen. det. Rosete (JR707 m).

Apomyelois ceratoniae (Zeller, 1839)

M: Fonte Boa, Esposende, 14-IX-2024, Gaifém (REBN).

Assara conicolella (Constant, 1884)

M: Fão, 21-VII-2023, Nunes (JN0003).

Euzophera fuliginosella (Heinemann, 1865)

E: Praia do Samouco, Marinha Grande, 10-VIII-2024, Rosete, det. Nunes (REBN).

Phycitodes albatella (Ragonot, 1887)

BL: Casais do Porto, Lourical, 3-VII-2024, Rosete, gen. det. Rosete (JR674 m), (REBN).

Ephestia kuehniella Zeller, 1879

E: Trafaria, 30-IV-2024, Fabião, gen. det. Fabião (100-6586 m), (REBN).

CRAMBIDAE

Paracorsia repandalis (Denis & Schiffermüller, 1775)

E: Lagoa Pequena, Sesimbra, 24-VIII-2024, Batista (REBN).

Loxostege sticticalis (Linnaeus, 1761)

BA: São Miguel, Guarda, 25-VI-2024, E. Flor (REBN).

Achyra nudalis (Hübner, 1796)

AAL: Alcáçovas, 5-VIII-2024, R. Ferreira (REBN).

Sitochroa palealis (Denis & Schiffermüller, 1775)

R: Casalinho, Alpiarça, 1-VII-2024, C. Silva and F. Lameira (REBN).

Anania verbascalis (Denis & Schiffermüller, 1775)

ALG: Aljezur, 10-VIII-2024, Valadares (REBN); E: Poça do Vau, 8-VI-2024, Lemos.

Patania ruralis (Scopoli, 1763)

BL: Casais do Porto, Louriçal, 3-VII-2024, Rosete (REBN).

Diplopseustis perieresalis (Walker, 1859)

R: Casalinho, Alpiarça, 2-I-2024, C. Silva and F. Lameira (REBN).

Duponchelia fovealis Zeller, 1847

AAL: Alcáçovas, 5-VIII-2024, R. Ferreira (REBN).

Hodebertia testalis (Fabricius, 1794)

E: Gâmbia, 13-IX-2024, Santos, det. Nunes (REBN).

Metasia suppandalis (Hübner, 1823)

AAL: Alcáçovas, 5-VIII-2024, R. Ferreira (REBN).

Metasia ibericalis Ragonot, 1894

R: Póvoa do Conde, Santarém, 5-VII-2024, Lemos.

Euchromius ocella (Haworth, 1811)

M: Fão, 10-II-2024, Gaifém (REBN).

**Euchromius bella* (Hübner, 1796)

ALG: Ilha da Culatra, 27-VIII-2005, J. P. Cardoso, det. Corley (GP 2703 f). Southern half of Europe, north to Slovakia. Larva on dry leaves and flowers of *Picris* L., *Hieracium* L. and *Scabiosa* L. (Slamka, 2008).

Euchromius ramburiellus (Duponchel, 1836)

E: Trafaria, 18-III-2024, Fabião, gen. det. Fabião (100-5865 f), (REBN).

Euchromius cambridgei (Zeller, 1867)

BAL: Ponte de Serpa, 21-V-2024, Corley and S. Ferreira.

Chilo phragmitella (Hübner, 1805)

R: Portas do Mouchão da Cabra, 14-IX-2024, J. Flor (REBN).

Chilo suppressalis Błeszyński, 1965

E: Nazaré, 2 km N. of, 14-V-2014, Lemos.

**Chilo luteellus* (Motschulsky, 1866)

ALG: Guerreiros do Rio, 12-V-2024, Conceição, coll. Nunes (JN0523), gen. det. Nunes (GP0030 m) (Figure 9). Southern half of Europe. Host-plant unknown (Slamka, 2008).

Mesocrambus pallidellus (Duponchel, 1836)

BL: Lagoa da Ervedeira, Coimbra, 1-VIII-2013, Rosete.

Parapolyx stratiotata (Linnaeus, 1758)

BL: Lagoa da Ervedeira, Coimbra, 1-VIII-2013, Rosete.

DREPANIDAE

Cilix hispanica De-Gregorio, Torruella, Miret, Casas & Figueras, 2002

BAL: Ponta de Serpa, 21-V-2024, Corley and S. Ferreira.

Watsonalla binaria (Hufnagel, 1767)

BA: Outeiro de São Miguel, Guarda, 7-V-2024, E. Flor (REBN).

Polyplaca ridens (Fabricius, 1787)

BA: Outeiro de São Miguel, Guarda, 11-IV-2024, E. Flor (REBN).

SPHINGIDAE

Laotloe populi (Linnaeus, 1758)

AAL: Santa Maria de Marvão, 13-IX-2024, Valadares (REBN).

Sphinx ligustri Linnaeus, 1758

E: Nazaré, 2 km N. of, 25-IV-2014, Lemos.

Proserpinus proserpina (Pallas, 1772)

E: Paul de Tornada, 16-V-2024, Lemos.

GEOMETRIDAE

Idaea alicantaria (Reisser, 1963)

E: Trafaria, 31-V-2024, Fabião, gen. det. Fabião (100-7146 f), (REBN).

Brachyglossina hispanaria (Püngeler, 1913)

R: Santa Margarida da Coutada, 4-VII-2024, Mendes, det. Nunes (REBN).

Scopula decorata (Denis & Schiffermüller, 1775)

E: Verdizela, Seixal, 6-IV-2024, Hilário (REBN).

Cyclophora punctaria (Linnaeus, 1758)

E: Praia do Samouco, Marinha Grande, 10-VIII-2024, Rosete, gen. det. Rosete (JR668 m), (REBN).

Xanthorhoe iberica (Staudinger, 1901)

DL: Panchorra, 24-VII-2012, Rosete.

Catarhoe basochesiata (Duponchel, 1831)

AAL: Santa Maria de Marvão, 15-III-2024, Valadares (REBN).

Hydriomena furcata (Thunberg, 1784)

DL: Panchorra, 4-VIII-2024, Rosete (REBN).

Perizoma hydrata (Treitschke, 1829)

BL: Arganil, 11-V-2024, by torchlight, Lemos.

Eupithecia cocciferata Millière, 1864

R: Casalinho, Alpiarça, 20-III-2024, C. Silva and F. Lameira, det. Nunes (REBN).

Eupithecia extremata (Fabricius, 1787)

BAL: Vila Verde de Ficalho, 2-IV-2024, Valadares (REBN).

Eupithecia oxycedrata (Rambur, 1833)

DL: Oliveira do Douro, 12-IV-2024, R. Ferreira (REBN).

Eupithecia icterata (de Villers, 1789)

DL: Panchorra, 4-VIII-2024, Rosete, gen. det. Rosete (JR687 m), (REBN).

Isturgia deerraria (Walker, 1861)

AAL: Santa Maria de Marvão, 11-IX-2024, Valadares (REBN); DL: Oliveira do Douro, 14-X-2024, R. Ferreira, det. Nunes (REBN).

Epione repandaria (Hufnagel, 1767)

E: Paul de Tornada, 16-VI-2023, Lemos, by torchlight.

Ennomos erosaria (Denis & Schiffermüller, 1775)

Delete record from ALG. *Ennomos fuscantaria* (Haworth, 1809) from southern Portugal almost completely lack the characteristic grey shading in the outer area of the wing (vide *E. fuscantaria algeriensis* Prout, 1929 in Müller et al. (2019)). As there are no confirmed records of *E. erosaria* from southern Portugal, it is therefore likely that the record from Fonte de Benémola published in Corley et al. (2019) represents a misidentification of *E. fuscantaria*. No specimen is available for verification.

Ennomos quercaria (Hübner, 1813)

AAL: Santa Maria de Marvão, 11-IX-2024, Valadares (REBN).

Colotois pennaria (Linnaeus, 1761)

R: Santa Margarida da Coutada, 6-XII-2024, Mendes (REBN).

Phigalia pilosaria (Denis & Schiffermüller, 1775)

AAL: Santa Maria de Marvão, 15-III-2024, Valadares (REBN).

Lycia hirtaria (Clerck, 1759)

TM: Aveção do Cabo, Campeã, 5-IV-2024, Fernandes (REBN).

Agriopis marginaria (Fabricius, 1776)

R: Paúl do Boquilobo, 6-II-2024, Alves (REBN).

Erannis defoliaria (Clerck, 1759)

E: Pedra Amarela, Alcabideche, 6-II-2024, D. Silva (REBN).

Ekboarmia miniaria Skou, Stüning & Sihvonen, 2016

E: Verdizela, Seixal, 17-III-2024, Hilário (REBN).

Ectropis crepuscularia (Denis & Schiffermüller, 1775)

E: Nazaré, 2 km N. of, 26-V-2023, Lemos.

Charissa crenulata (Staudinger, 1871)

Delete record from AAL. The record published in Corley et al. (2024) belongs to *Charissa predotae* (Schawerda, 1929).

Cleorodes lichenaria (Hufnagel, 1767)

DL: Panchorra, 4-VIII-2024, Rosete (REBN).

Geometra papilionaria (Linnaeus, 1758)

DL: Panchorra, 24-VII-2012, Rosete.

NOTODONTIDAE

Notodonta ziczac (Linnaeus, 1758)

E: Bouro, Salir do Porto, 19-IV-2014, Lemos, by torchlight.

Clostera pigra (Hufnagel, 1766)

E: Casal do Seixal, Salir do Porto, 16-IV-2014, Lemos.

EREBIDAE

Scoliopteryx libatrix (Linnaeus, 1758)

E: Paul de Tornada, 9-IX-2014, Lemos, by day.

Rivula sericealis (Scopoli, 1763)

E: Poça do Vau, 5-IX-2014, Lemos, by torchlight.

Arctia tigrina (de Villers, 1789)

E: Nazaré, 2 km N. of, 4-V-2024, Lemos.

Eilema depressa (Esper, 1787)

ALG: São Gonçalo de Lagos, 4-V-2024, Valadares (REBN).

Eilema uniola (Rambur, 1866)

R: Santa Margarida da Coutada, 17-IX-2024, Mendes, det. Nunes (REBN).

Eilema lurideola (Zincken, 1817)

DL: Panchorra, 4-VIII-2024, Rosete (REBN).

Eilema complana (Linnaeus, 1758)

DL: Panchorra, 4-VIII-2024, Rosete, det. Rosete (REBN).

Eilema pygmaeola (Doubleday, 1847)

DL: Panchorra, 4-VIII-2024, Rosete, gen. det. Rosete (JR701 m), (REBN).

Eilema rungsi Toulgöet, 1960

E: Lagoa Pequena, Sesimbra, 8-IX-2024, Batista (REBN).

Eublemma baccatrix Hacker, 2019

Second Portuguese record. ALG: São Gonçalo de Lagos, 6-XII-2024, Valadares (REBN).

Catocala dilecta (Hübner, 1808)

E: Trafaria, 30-VIII-2024, Fabião (REBN); R: Santa Margarida da Coutada, 12-VII-2024, Mendes, det. Nunes (REBN).

Catocala promissa (Denis & Schiffermüller, 1775)

E: Lagoa Pequena, Sesimbra, 7-VII-2024, Batista (REBN).

Catocala optata (Godart, 1824)

E: Chão da Parada, Tornada, 14-VIII-2024, Lemos, by torchlight.

Ophiura tirhaca (Cramer, 1773)

AAL: Santa Maria de Marvão, 14-III-2024, Valadares (REBN).

Grammodes bifasciata (Petagna, 1787)

E: Chão da Parada, Tornada, 3-V-2023, Lemos; R: Portas do Mouchão da Cabra, 17-VII-2024, J. Flor (REBN).

NOCTUIDAE

Abrostola tripartita (Hufnagel, 1766)

Delete record from E. The record published in Corley (2015) belongs to *Abrostola triplasia* (Linnaeus, 1758), Entrecampos, Lisboa, 27-IV-2006, Carvalho, deposited in Museu Nacional de História Natural e da Ciência, Lisbon, Portugal (MNHNCENT0058761).

Thysanoplusia daubei (Boisduval, 1840)

R: Casalinho, Alpiarça, 18-I-2024, C. Silva and F. Lameira (REBN); TM: Mirandela, 23-III-2024, Gonzalez, det. Nunes (REBN).

Colocasia coryli (Linnaeus, 1758)

E: Macarca, Alfeizerão, 10-V-2024, Lemos, by torchlight.

Calophasia almoravida Graslin, 1863

AAL: Santa Maria de Marvão, 5-IV-2024, Valadares (REBN); BA: São Miguel, Guarda, 12-IV-2024, E. Flor, det. Nunes (REBN); M: São Vicente de Penso, Carcavelos, 6-IV-2024, Gomes, det. Nunes (REBN).

Bryonycta pineti (Staudinger, 1859)

E: Trafaria, 8-V-2024, Fabião (REBN); R: Santa Margarida da Coutada, 17-IX-2024, Mendes, det. Nunes (REBN).

Condica capensis (Guenée, 1852)

ALG: Aljezur, 7-XII-2024, Valadares (REBN).

Chilodes maritima (Tauscher, 1806)

E: Poça do Vau, 23-VIII-2023, Lemos, on *Phalaris aquatica* L.

Trachea atriplicis (Linnaeus, 1758)

R: Casalinho, Alpiarça, 12-V-2024, C. Silva and F. Lameira (REBN).

Lenisa geminipuncta (Haworth, 1809)

E: Paul de Tornada, 4-VI-2017, Lemos, by day.

Coenobia rufa (Haworth, 1809)

E: Poça do Vau, 26-VIII-2023, Lemos.

Denticucullus pygmina (Haworth, 1809)

AAL: Santa Maria de Marvão, 11-IX-2024, Valadares (REBN); E: Óbidos, 26-IX-2013, Lemos.

Sesamia nonagrioides (Lefèbvre, 1827)

AAL: Herdade da Mitra, Valverde, 14-IX-2024, Valadares (REBN).

Cirrhia icteritia (Hufnagel, 1766)

E: Lagoa Pequena, Sesimbra, 14-X-2024, Batista (REBN).

Agrochola lota (Clerck, 1759)

AAL: Santa Maria de Marvão, 29-XI-2024, Valadares (REBN).

Agrochola haematidea (Duponchel, 1827)

R: Santa Margarida da Coutada, 7-XI-2024, Mendes, det. Nunes (REBN).

Agrochola circellaris (Hufnagel, 1766)

E: Óbidos, 27-XI-2012, Lemos.

Conistra alicia Lajonquière, 1939

E: Ota, 4-XII-2024, H. Cardoso, gen. det. H. Cardoso (REBN).

Lithophane ornitopus (Hufnagel, 1766)

M: Rio Caldo, 15-I-2024, Dapling (REBN).

Ipimorpha subtusa (Denis & Schiffermüller, 1775)

M: São Vicente de Penso, Carcavelos, 25-VI-2024, Gomes, det. Nunes (REBN).

Dryobota labecula (Esper, 1788)

AAL: Santa Maria de Marvão, 29-XI-2024, Valadares (REBN); R: Casalinho, Alpiarça, 27-I-2024, C. Silva and F. Lameira (REBN).

Orthosia cruda (Denis & Schiffermüller, 1775)

E: Portinho da Arrábida, 15-II-2024, Palma, det. Nunes (REBN).

Orthosia gothica (Linnaeus, 1758)

BA: Outeiro de São Miguel, Guarda, 11-IV-2024, E. Flor (REBN).

Anorthoa munda (Denis & Schiffermüller, 1775)

M: Rio Caldo, 4-II-2024, Dapling (REBN).

Anarta sodae (Rambur, 1829)

R: Portas do Mouchão da Cabra, 17-VII-2024, J. Flor (REBN).

Lacanobia blenna (Hübner, 1824)

E: Braço da Barrosa, Lagoa de Óbidos, 2-IX-2017, Lemos, by day.

Hadena silenides (Staudinger, 1895)

ALG: Casas Baixas, Cachopo, 10-II-2024, Valkenburg and Conceição.

Mythimna pallens (Linnaeus, 1758)

E: Poça do Vau, 25-VIII-2023, Lemos, on *Phalaris aquatica* L.

Mythimna impura (Hübner, 1808)

DL: Panchorra, 24-VII-2012, Rosete.

Mythimna litoralis (Curtis, 1827)

E: Praia das Pedras Negras, Marinha Grande, 2-IX-2013, Rosete.

Leucania joannisi Boursin & Rungs, 1952

R: Casalinho, Alpiarça, 7-IV-2024, C. Silva and F. Lameira, det. Nunes (REBN).

Agrotis graslini Rambur, 1848

E: Praia do Samouco, Marinha Grande, 9-IX-2013, Rosete.

Agrotis sabulosa Rambur, 1837

Delete record from BA. The record published in Corley (2015) belongs to *Agrotis trux* (Hübner, 1824), (GP 4032 f).

Agrotis ripae (Hübner, 1823)

M: Praia do Cabedelo, Viana do Castelo, 14-IV-2024, Gomes, det. Nunes (REBN).

Diarsia guadarramensis (Boursin, 1928)

DL: Panchorra, 4-VIII-2024, Rosete, gen. det. Rosete (JR699 m), (REBN).

Noctua interjecta Hübner, 1803

E: Óbidos, 21-VIII-2013, Lemos.

NOLIDAE

Meganola albula (Denis & Schiffermüller, 1775)

E: Cesaredas, Reguengo Grande, 9-VI-2024, H. Cardoso (REBN).

Nola squalida Staudinger, 1871

DL: Aguiar de Sousa, 4-X-2024, Nunes (REBN); E: Chão da Parada, Tornada, 9-IX-2023, Lemos, by torchlight.

Earias albovenosana Oberthür, 1917

R: Casalinho, Alpiarça, 16-VI-2024, C. Silva and F. Lameira, det. Nunes (REBN).

Earias insulana (Boisduval, 1833)

DL: Oliveira do Douro, 14-X-2024, R. Ferreira, det. Nunes (REBN).

Recent literature

Aarvik et al. (2025) note that *Bucculatrix frangutella* (Goeze, 1783) is a misspelling of *B. frangulella*, which is the name that should be used.

Balletto et al. (2024) argue that the changed typification of *Papilio hermione* Linnaeus, 1764 by Russell & Vane-Wright (2022) was not legitimate and that *Hipparchia hermione* (Linnaeus, 1764) remains the correct name for this species, not *H. alcyone* (Denis & Schiffermüller, 1775).

Bidzilya et al. (2025) describe *Sophronia pseudosagittans* Bidzilya, Karsholt & Šumpich, 2025 from Portugal, Spain, and Tunisia. The new species is reported from ALG and TM, while *Sophronia humerella* (Denis & Schiffermüller, 1775) is confirmed from TM. Published records of *S. humerella* from AAL, R, BB, BA, and BL could not be confirmed for either species. Additional material should therefore be collected to clarify the distribution limits of both species in Portugal.

Buchner & Corley (2024) review the family Depressariidae at European level. The modifications in the national checklist are the replacement by synonymisation of *Agonopterix mendesi* Corley, 2002 and *Depressaria adustatella* Turati, 1927 by *Agonopterix straminella* (Staudinger, 1859) and *Depressaria radiosquamella* Walsingham, 1903, respectively and the exclusion of *Depressaria beckmanni* Heinemann, 1870, since all Portuguese records belong to *D. douglasella* Stainton, 1849.

Cardoso (2025) reports a new species for Portugal, *Niphonympha dealbatella* (Zeller, 1847), from BB.

Corley & Ferreira (2025) review the genus *Megacraspedus* Zeller, 1839 in mainland Portugal, adding five species to the national checklist, of which four are described in that work: *Megacraspedus lanceolellus* (Zeller, 1850) from BA, *Megacraspedus dalei* Corley, 2025 from AAL and BL, *Megacraspedus transmontanus* Corley, 2025 from TM, *Megacraspedus dinensis* Corley, 2025 from TM and *Megacraspedus terryae* Corley, 2025 from R and BL. *Megacraspedus trineae* Huemer & Karsholt, 2018 is removed from AAL, E and BL and given for TM. *Megacraspedus ibericus* Huemer & Karsholt, 2018 is removed from DL.

Corley (2025a) lists Lepidoptera recorded in the Tua Valley between 2006 and 2014. Species added to the Portuguese fauna in the course of that fieldwork have already been published in Corley et al. (2007) and later papers.

Corley (2025b) reviews the genus *Gymnancyla* Zeller, 1848 in mainland Portugal, excluding *Gymnancyla hornigii* (Lederer, 1852) from the Portuguese checklist. *Gymnancyla canella* (Denis & Schiffmüller, 1775) record from ALG is attributed to *Gymnancyla ruscionella* (Ragonot, 1888). *Gymnancyla sfakesella* Chrétien, 1911 is reported for ALG.

Corley (2025c) deletes *Archana dissoluta* (Treitschke, 1825) and *Epipsilia latens* (Hübner, 1809) from the Portuguese checklist. National records of *E. latens* are attributed to *Epipsilia cervantes* (Reisser, 1935).

Corley (2025d) reviews the genus *Apatema* Walsingham, 1900 in mainland Portugal, excluding *A. apolausticum* Gozmány, 1996 and *A. parodia* Gozmány, 1988 from the Portuguese checklist and adding *A. proteroclina* (Meyrick, 1938) and *A. albifasciella* Nel, Huemer & Varenne, 2024. The distribution of *Apatema* species in Portugal is also reviewed: *A. mediopallidum* Walsingham, 1900 is reported for ALG, AAL, E and BL, *A. albifasciella* from ALG and *A. proteroclina* from E, BL, BA, DL, M and TM.

Corley et al. (2024) add 20 species to the Portuguese list: *Dryadula heindeli* Gaedike & Scholz, 1998, *Glyphipterix forsterella* (Fabricius, 1781), *Acompsia cinerella* (Clerck, 1759), *Klimeschiopsis arnoldfransorum* Huemer & Karsholt, 2023, *Blastobasis lavernella* Walsingham, 1894, *Merrifieldia garrigae* Bigot & Picard, 1989, *Clepsis dumicolana* (Zeller, 1847), *Eana incanana* (Stephens, 1852), *Platynota stultana* Walsingham, 1884, *Eucosma subvittana* (Staudinger 1892), *Notocelia mediterranea* (Obraztsov, 1952), *Dichrorampha vancouverana* MacDunnough, 1935, *Aphomia cephalonica* (Stainton, 1866), *Gymnancyla sfakesella* Chrétien, 1911, *Eurhodope incensella* (Staudinger, 1859), *Scotopteryx mucronata* (Scopoli, 1763), *Selenia tetralunaria* (Hufnagel, 1767), *Condica capensis* (Guenée, 1852), *Chlorothalpa graslini* (Culot, 1913) and *Agrotis ripae* (Hübner, 1823). Four species are deleted: *Merrifieldia malacodactylus* (Zeller, 1847), *Eucosma cana* (Haworth, 1811), *Notocelia incarnatana* (Hübner, 1800) and *Chlorothalpa xanthochloris* (Boisduval, 1840).

Corley et al. (2025) delete *Eilema predotae* (Schawerda, 1927) from the Portuguese checklist, reattributing all records of this species to *Eilema marcida* (Mann, 1859), add *Arctia angelica* (Boisduval, 1828), recorded from ALG, BAL, AAL, E, R, BB, BL and BA, while restricting *A. villica* (Linnaeus, 1758) to BA, BL, DL, M and TM (which was given for all provinces in Corley (2015)) and report the presence of *Coscinia cribraria benderi* Marten, 1957 in Portugal as form *benderi*; subspecies *guidoi* Cruz, 1978 is reinstated as form *guidoi*.

Gastón et al. (2025) review the distribution of *Ancylosis sareptalla* (Herrich-Schäffer, 1861) in the Iberian Peninsula and describe *Ancylosis albaladejoi* Gastón, Huemer & Vives, 2025. The newly described species is reported from Portugal for ALG, BAL, and BL, and represents the correct identification for previously published records of *A. sareptalla* and *Ancylosis albidella* Ragonot, 1888 in the country. *A. sareptalla* and *A. albidella* are therefore removed from the Portuguese checklist. The distribution map presented by the authors includes a GBIF record of *A. sareptalla* from DL, marked with a question mark. This record originates from iNaturalist, but the associated photograph does not allow confirmation of whether it refers to *A. sareptalla* or *A. albaladejoi*. Considering the revised distributions of both species in the Iberian Peninsula, the latter appears to be the most likely identification. However, specimens are required to confirm the occurrence of the newly described species in DL.

Green (2025) reports two new species for Portugal from ALG, *Eupithecia minusculata* Alphéraky, 1883 and *Reisserita haasi* (Rebel, 1901), and two new species for ALG, *Phereoeca lodli* Vives, 2001 and *Placodoma calpella* Sobczyk, 2013.

Hu et al. (2023) found *Grapholita* Treitschke, 1829 to be polyphyletic, necessitating a split into three genera. Portuguese species are now placed as follows: *Aspila* Stephens, 1834 containing *funebrana* (Treitschke, 1835), *tenebrosana* (Duponchel, 1843), *janthinana* (Duponchel, 1835) and *molesta* (Busck, 1916);

Grapholita Treitschke, 1829 is now restricted to *compositella* (Fabricius, 1775), *internana* (Guenée, 1845) and *lunulana* (Denis & Schiffermüller, 1775); *Ephippiphora* Duponchel, 1834 includes *fissana* (Frölich, 1828) and *gemmiferana* (Treitschke, 1835).

Keegan et al. (2021) returned *Acontia trabealis* (Scopoli, 1763) to genus *Emmelia* Hübner, 1821.

Labonne & Lopez-Vaamonde (2024) show that *Isotrias hybridana* (Hübner, 1817) should be treated as a synonym of *I. rectifasciana* (Haworth, 1811) but that material from Portugal under the name *I. hybridana* belongs to another species. This may represent a new species, or it may be that one of the supposed synonyms of *I. hybridana* is the same as the Portuguese species. For the moment this problem remains unresolved. The Portuguese “*I. hybridana*” should be referred to as *Isotrias* sp.

Marabuto & Fonseca (2025) report the first reliable records of *Thyris fenestrella* (Scopoli, 1763) from Portugal, from ALG.

Murillo-Ramos et al. (2021) synonymised *Ematurga* Lederer, 1853 with *Hypomecis* Hübner, 1821. Although this appears counterintuitive from the external appearance of these species, multi-gene analysis suggests that this is correct and genitalia morphology points to the same conclusion.

Nel et al. (2022) place *Metzneria campicolella* (Mann, 1857) in a new genus, *Huemeria* Nel, Varenne & Bassi, 2022.

Nunes (2025) reports a new adventive species in Portugal, *Earias roseifera* Butler, 1881, from M and DL.

Nunes et al. (2025b) report a preliminary inventory of the moth fauna of Mértola municipality with 438 species, of which 71 are new for BAL, four of these being the first records for Portugal: *Symmoca sultan* Gozmány, 1962, *Eteobalea sumptuosella* (Lederer, 1855), *Coleophora arefactella* Staudinger, 1859 and *Idaea deitanaria* (Reisser & Weisert, 1977).

Ortiz et al. (2023) treat the genera *Atlantarctia* Dubatolov, 1990 and *Hyphoraia* Hübner, 1820 as synonyms of *Arctia* Schrank, 1802.

Öunap et al. (2024) transfer *Macaria artesiaria* (Denis & Schiffermüller, 1775) to genus *Speranza* Curtis, 1828.

Pohl & Landry (2023) point out that *Epicallima* Dyar, 1904 was an unnecessary replacement name for *Callima* Clemens, 1860, introduced on account of an incorrect subsequent spelling of *Kallima* Doubleday, 1849 (Nymphalidae).

Tabell et al. (2025) review part of the genus *Pleurota* Hübner, 1825 in the Iberian Peninsula, describing four new species from peninsular Spain. The single mention of Portugal is under *Pleurota hebetella* Ragonot, 1889, stating that records of this species from Portugal should be re-examined. There are two published records from Portugal, one from ALG (Monteiro & Passos de Carvalho, 1984), which was considered unconfirmed in Corley (2015) due to the absence of material for verification, and another from TM (Corley et al. 2011). The specimen underlying the latter record was not located; however, the male genitalia slide in Corley’s collection (GP 3415 m) does not match the illustrations provided by Tabell et al. (2025). Consequently, this species should be removed from the Portuguese checklist. No alternative identification for the specimen is suggested.

Valadares & Cardoso (2025) add two species for Portugal: *Idaea trigeminata* (Haworth, 1809) from TM and *Trisateles emortualis* (Denis & Schiffermüller, 1775) from M.

Wilton (2025) adds one new species for Portugal from ALG, *Eublemma baccatrix* Hacker, 2019, and two new species for ALG, *Eublemma amoena* (Hübner, 1803) and *Eteobalea sumptuosella* (Lederer, 1855).

Appendix: Changes to the Portuguese checklist

- 0178.1 *Reisserita haasi* (Rebel, 1901)
- 0209 *Bucculatrix bechsteinella* (Scharfenberg, 1806)
- 0211 *Bucculatrix frangulella* (Goeze, 1783) (*frangutella* misspelling)
- 0213 *Bucculatrix pyrenaica* Nel & Varenne, 2004 (*basifuscella* auct. nec Staudinger, 1880)
Niphonympha Meyrick, 1914
- 0319.1 *Niphonympha dealbatella* (Zeller, 1847)
- 0334.1 *Glyphipterix schoenicolella* Boyd, 1858
- 0378.1 *Apatema albifasciella* Nel, Huemer & Varenne, 2024 (*apolausticum* sensu Corley et al., 2020)
- 0378.2 *Apatema proteroclina* (Meyrick, 1938)

- 0384.1 *Symmoca sultan* Gozmány, 1962
Callima Clemens, 1860 (*Epicallima* Dyar, 1904, unnecessary replacement name)
- 0416 *Callima mercedella* (Staudinger, 1859) (*E. mercedella* (Staudinger, 1859))
- 0417 *Callima formosella* (Denis & Schiffermüller, 1775) (*E. formosella* (Denis & Schiffermüller, 1775))
- 0417.1 *Callima mikkolai* Lvovsky, 1995 (*E. mikkolai* Lvovsky, 1995)
- 0444 *Agonopterix straminella* (Staudinger, 1859) (*mendesi* Corley, 2002)
- 0468 *Depressaria radiosquamella* Walsingham, 1903 (*adustatella* Turati, 1927)
- 0505.1 *Eteobalea sumptuosella* (Lederer, 1855)
- 0575.1 *Megacraspedus lanceolellus* (Zeller, 1850)
- 0575.2 *Megacraspedus dalei* Corley, 2025
- 0576.2 *Megacraspedus transmontanus* Corley, 2025
- 0576.3 *Megacraspedus dinensis* Corley, 2025
- 0576.4 *Megacraspedus terryae* Corley, 2025
- Huemeria* Nel, Varenne & Bassi, 2022
- 0609 *Huemeria campicolella* (Mann, 1857)
- 0633.1 *Sophronia pseudosagittans* Bidzilya, Karsholt & Šumpich, 2025
- 0665.1 *Scrobipalpa nitentella* (Fuchs, 1902)
- 0705.1 *Istrianis myricariella* (Frey, 1870)
- 0733.1 *Elachista anserinelloides* Nel, 2003
- 0771.3 *Coleophora arefactella* Staudinger, 1859
- 0776.1 *Coleophora medelichensis* Krone, 1908
- 0858.1 *Coleophora texanella* Chambers, 1878
- 0977 *Isotrias* sp. (*hybridana* auct. lusit. nec Hübner, 1815)
- 1084.1 *Diceratura ostrinana* (Guenée, 1845)
Ephippiphora Duponchel, 1834
- 1196 *Ephippiphora fissana* (Frölich, 1828) (*Grapholita fissana* (Frölich, 1828))
- 1199 *Ephippiphora gemmiferana* (Treitschke, 1835) (*Grapholita gemmiferana* (Treitschke, 1835))
Aspila Stephens, 1834
- 1201 *Aspila funebrana* (Treitschke, 1835) (*Grapholita funebrana* (Treitschke, 1835))
- 1201.1 *Aspila tenebrosana* (Duponchel, 1843) (*Grapholita tenebrosana* (Duponchel, 1843))
- 1202 *Aspila janthinana* (Duponchel, 1835) (*Grapholita janthinana* (Duponchel, 1835))
- 1203 *Aspila molesta* (Busck, 1916) (*Grapholita molesta* (Busck, 1916))
Thyris Laspeyres, 1803
- 1269.1 *Thyris fenestrella* (Scopoli, 1763)
- 1328 *Hipparchia hermione* (Linnaeus, 1764) (*alcyone* sensu Russell & Vane-Wright, 2022)
- 1484 *Pima* sp. (*boisduvaliella* auct. lusit. nec Guenée, 1845)
- 1526 *Ancylosis albaladejoi* Gastón, Huemer & Vives, 2025 (*sareptalla* auct. nec Herrich-Schäffer, 1861)
- 1638.1 *Euchromius bella* (Hübner, 1796)
- 1642.2 *Chilo luteellus* (Motschulsky, 1866)
- 1784.1 *Idaea deitanaria* (Reisser & Weisert, 1977)
- 1779.1 *Idaea trigeminata* (Haworth, 1809)
- 1900.1 *Eupithecia minusculata* Alphéraky, 1883
Speranza Curtis, 1828
- 1948 *Speranza artesiaria* (Denis & Schiffermüller, 1775) (*Macaria artesiaria* (Denis & Schiffermüller, 1775))
- 2019 *Hypomecis atomaria* (Linnaeus, 1758) (*Ematurga atomaria* (Linnaeus, 1758))
- 2122.1 *Arctia angelica* (Boisduval, 1828)
- 2124 *Arctia tigrina* (de Villers, 1789) (*Atlantarctia tigrina* (de Villers, 1789))
- 2125 *Arctia dejeani* (Godart, 1822) (*Hyphoraia dejeani* (Godart, 1822))
- 2131 *Coscinia cribraria* ssp. *cribraria* (Linnaeus, 1758)
form *benderi* (Marten, 1957)
form *guidoi* (Cruz, 1978)
- 2169.1 *Trisateles emortualis* (Denis & Schiffermüller, 1775)
- 2180.1 *Eublemma baccatrix* Hacker, 2019

- 2230 *Emmelia trabealis* (Scopoli, 1763) (*Acontia trabealis* (Scopoli, 1763))
 2549 *Epipsilia cervantes* (Reisser, 1935) (*latens auct. lusit. nec* Hübner, 1809)
 2589 *Earias roseifera* Butler, 1881

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Conflict of Interest

The authors declare that there is no known financial interest or personal relationship that could have influenced the work presented in this article.

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Figures 2-9. 2. *Bucculatrix pyrenaica* Nel & Varenne, 2004, Zavial, 7-X-2024 (J. L. Fabião). 3. *Glyphipterix schoenicolella* Boyd, 1858, Lagoa das Correntes, Carriço, 18-V-2024 (André Lameirinhas). 4. *Scrobipalpa nitentella* (Fuchs, 1902), Trafaria, 16-VIII-2024 (J. L. Fabião). 5. *Istrianis myricariella* (Frey, 1870), Bensafrim, ex larva 7-VI-2024 (A. Valadares). 6. *Elachista anserinelloides* Nel, 2003, Castro Laboreiro, 2-VII-2021 (J. Nunes). 7. *Coleophora texanella* Chambers, 1878, Trafaria, 31-VIII-2024 (J. L. Fabião). 8. *Diceratura ostrinana* (Guenée, 1845), Bairro dos Formarigos, Bragança, 3-VIII-2024 (J. Nunes). 9. *Chilo luteellus* (Motschulsky, 1866), Guerreiros do Rio, 12-V-2024 (N. Conceição).

