

New and interesting Portuguese Lepidoptera records from 2022 (Insecta: Lepidoptera)

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Abstract

Eight species are added to the Portuguese Lepidoptera fauna, of which two are new for the Iberian Peninsula, and one species deleted, mainly as a result of fieldwork undertaken by the authors and others in 2022. In addition, second and third records for the country, new province records and new host-plant data for a number of species are included. A summary of recent papers affecting the Portuguese fauna is included.

Keywords: Insecta, Lepidoptera, distribution, Portugal.

Novos e interessantes registos portugueses de Lepidoptera em 2022 (Insecta: Lepidoptera)

Resumo

Oito espécies são adicionadas à fauna portuguesa de Lepidoptera, das quais duas são novas para a Península Ibérica, e uma espécie é eliminada, principalmente como resultado do trabalho de campo realizado pelos autores e outros em 2022. Além disso, são incluídos segundos e terceiros registos para o país, novos registos de províncias e novos dados de plantas hospedeiras para várias espécies. Inclui-se um resumo de trabalhos recentes que afetam a fauna portuguesa.

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

Nuevas e interesantes citas portuguesas de Lepidoptera en 2022 (Insecta: Lepidoptera)

Resumen

Se añaden ocho especies a la fauna portuguesa de lepidópteros, de las cuales dos son nuevas para la Península Ibérica, y se suprime una especie, principalmente como resultado del trabajo de campo realizado por los autores y otras personas en 2022. Además, se incluyen segundos y terceros registros para el país, nuevos registros de provincias y nuevos datos de plantas hospedadoras para varias especies. Se incluye un resumen de trabajos recientes que afectan a la fauna portuguesa.

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

Introduction

This paper is the seventeenth in the series of annual summaries of new knowledge of Portuguese

Lepidoptera. It gives records of species of Lepidoptera added to the Portuguese fauna in 2022 and some unpublished earlier records, together with new province records not included in the checklist (Corley, 2015). Additional data include new data on larval host-plants within the country and second and third records of species for the country. Papers published in 2022 and part of 2023 that relate to the Portuguese Lepidoptera fauna are listed and briefly summarised. Finally, an Appendix lists the new species for Portugal separately, with numbers indicating their position in the checklist; new genera for Portugal have author and year of publication given.

The Portuguese moth recording scheme “Rede de Estações de Borboletas Nocturnas” which started in 2021 has made a significant contribution to knowledge of the distribution of moths in Portugal. New province records from this source are included in this paper.

Eight species new for Portugal are listed below, of which two are new for the Iberian Peninsula. One species is removed from the Portuguese list.

In Corley et al. (2022) the number of Lepidoptera species recognised from Portugal was 2754. With the current paper and other papers mentioned herein this total has risen to 2775.

Material and Methods

Most species were captured at light. For specimens not taken at light, the means of capture is given. Specimens are retained in the collections of the original recorders, unless otherwise stated. However, many records are based only on photographic evidence. Original photos (figures 1-8) of all species new for Portugal including those without a voucher specimen (figures 7, 8) are provided in this paper.

The order and nomenclature of families and species follows the Portuguese list (Corley, 2015) and subsequent updates in this series (Corley et al. 2016, 2018a, 2018b, 2019, 2020, 2021, 2022). The nomenclature of plant names follows the Euro+Med Plant-Base (2006).

The entry for species new for Portugal concludes with a summary of the known European distribution taken from Karsholt & van Nieukerken (2013) and available information on the larval host-plant, given in square brackets if the information comes from outside Portugal.

Localities with UTM squares and altitude: (Municipality in brackets)

Aboim, 1.5 km S. of, (Fafe)	NF7698	680 m
Alfambras (Aljezur)	NB1724	75 m
Alpiarça	ND3645	30 m
Ansião, 2 km E. of,	NE5019	250 m
Areia, Mindelo (Vila do Conde)	NF2273	15 m
Avintes (Vila Nova de Gaia)	NF3749	80 m
Bairro, 2 km W. of Ota (Alenquer)	MD9829	180 m
Batocas, 1 km S. of, (Sabugal)	PE8282	825 m
Barragem da Meimoa (Penamacor)	PE5858	570 m
Bertiandos, 1 km W. of, (Ponte de Lima)	NG2923	6 m
Campolide (Lisboa)	MC8587	100 m
Casais do Porto, Louriçal (Pombal)	NE2229	20 m
Casais da Cruz da Areia (Leiria)	ND1698	100 m
Castelo do Germanelo, Rabaçal (Penela)	NE4830	250 m
Cesaredas, Reguengo Grande (Lourinhã)	MD7950	155 m
Colinas Verdes, Bensafrim (Lagos)	NB2512	80 m
Concavada (Abrantes)	ND8067	105 m
Cortes do Meio, Penhas da Saúde (Covilhã)	PE2462	1.300 m
Costa da Caparica (Almada)	MC7978	3 m

Couce (Valongo)	NF4356	50 m
Fontainhas (Cascais)	MC6384	50 m
Freixial, Bucelas (Loures)	MD8606	150 m
Gondesende (Bragança)	PG7735	800 m
Grada, Barcouço (Mealhada)	NE4461	60 m
Lagoa de São José, Mata do Urso, Carriço (Pombal)	NE1128	45 m
Lama Grande, Serra de Montesinho (Bragança)	PG8346	1.390 m
Larça, 1 km S. of, (Coimbra)	NE5062	100 m
Louriçal (Pombal)	NE2228	30 m
Marvão	PD3962	830 m
Mindelo (Vila do Conde)	NF2174	5 m
Miradouro da Senhora do Almurtão (Idanha-a-Nova)	PE5619	330 m
Mirandela	PF5295	220 m
Monsanto (Idanha-a-Nova)	PE6235	460 m
Monsaraz, 1 km E. of, (Reguengos de Monsaraz)	PC4256	200 m
Monte da Saravisca (Vila Viçosa)	PC4194	250 m
Mosteiro de Santa Maria de Aguiar (Figueira de Castelo Rodrigo)	PF7327	660 m
Palácio de Sintra (Sintra)	MC6694	240 m
Paraíso, Bensafrim (Lagos)	NB2512	20 m
Parque Biológico de Gaia (Vila Nova de Gaia)	NF3650	110 m
Perna Negra (Monchique)	NB4945	180 m
Pó (Bombarral)	MD8151	50 m
Poço (Condeixa-a-Nova)	NE4406	220m
Ponte de Carvalhal, Vale de Nogueiras (Vila Real)	PF1371	620 m
Portela de Famalicão (Guarda)	PE3879	890 m
Porto Cerdeira, 3 km S.W. of Sistelo (Arcos de Valdevez)	NG4945	210 m
Praia das Bicas (Sesimbra)	MC8357	60 m
Praia de Mira (Mira)	NE1678	5 m
Praia do Areão, Gafanha da Boa Hora (Vagos)	NE1885	5 m
Praia do Samouco (Marinha Grande)	NE0007	6 m
Quinta de Marim (Olhão)	PA0599	13 m
Quinta do Chegão, Rio Águeda (Figueira de Castelo Rodrigo)	PF7541	180 m
Quintarrei (Valongo)	NF4167	166 m
Ramila (Marvão)	PD4261	500 m
Reguengo do Fetal (Batalha)	ND2088	170 m
Reveladas (Marvão)	PD3955	650 m
Ribeiro de Guilharde, 2 km S.E. of Meixedo (Bragança)	PG8634	605 m
Rio Azibo at Banreses (Macedo de Cavaleiros)	PF7698	515 m
Rio Ovelha, 1 km N.W. of Folhada (Marco de Canaveses)	NF7664	130 m
Salselas (Macedo de Cavaleiros)	PG7702	550 m
Samodães (Lamego)	NF9855	350 m
São Vicente de Penso, Carcavelos (Braga)	NF4793	195 m
Sargaçal (Lagos)	NB2711	30 m
Segura, Praia Fluvial (Idanha-a-Nova)	PE7310	180 m
Serra do Socorro, Turcifal (Torres Vedras)	MD8019	380 m
Sítio da Maceira, 3 km W. of Santo António das Areias (Marvão)	PD3963	500 m
Susão (Valongo)	NF4261	162 m
Trafaria (Almada)	MC7979	90 m
Vale da Porca (Macedo de Cavaleiros)	PF7799	580 m
Vale de Amoreira (Guarda)	PE3275	540 m

Recorders and determiners

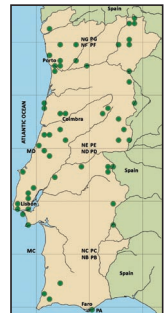
Carlos de Almeida	Ernesto Gonçalves	Jorge Rosete
Paulo Alves	Darinka Gonzalez	Carlos Silva
Helder Cardoso	Nuno Guégués	Luís Silva
Martin Corley	Edmundo Jesus	Maria Soares
Michael Dale	Sandie Mourão	Joaquim Teixeira
José Luís Fabião	Joaquim Nascimento	Ana Valadares
Agostinho Fernandes	João Nunes	Thijs Valkenburg
Christopher Fraser-Jenkins	Pedro Pires	José Luis Yela Garcia
Joana Mendes Godinho	Guilherme Ramos	
Pedro Gomes	Fernando Romão	

Abbreviations and symbols

conf.	confirmed by
det.	determined by
gen. det.	determined by analysis of genitalia dissection by
gen. prep.	genitalia preparation by
REBN	Record obtained through the Portuguese moth recording scheme “Rede de Estações de Borboletas Nocturnas”.
*	New for Portugal.
**	New for the Iberian Peninsula.

Provinces:

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



List of families and species

NEPTICULIDAE

Ectoedemia phaeolepis Van Nieukerken, A. Laštůvka & Z. Laštůvka, 2010
BL: Ansião, 25-VI-2021, Rosete, gen. prep. Dale.

ADELIDAE

Adela collicolella Walsingham, 1904
BB: Monsanto, by day, 17-IV-2022, Rosete.

INCURVARIIDAE

Crinopteryx familiella Peyerimhoff, 1871

DL: Quintarrei, leafmines on *Halimium ocymoides* (Lam.) Willk., 4-II-2021, Nunes.

TINEIDAE

Nemapogon variatella (Clemens, 1859)

E: Praia do Samouco, 16-VII-2021, Rosete, gen. prep. Dale.

Trichophaga tapetzella (Linnaeus, 1758)

BL: Lourical, 11-X-2021, Rosete.

BUCCULATRICIDAE

Bucculatrix diffusella Menhofer, 1943

Third Portuguese record. BL: Praia do Areão, reared from pupa on *Artemisia campestris* subsp. *maritima* (DC.) Arcang., 25-VIII-2022, Rosete.

GRACILLARIIDAE

Phyllonorycter lautella (Zeller, 1846)

Second Portuguese record. DL: Avintes, 20-II-2022, Teixeira, det. Nunes.

Triberta helianthemella (Herrich-Schäffer, 1860)

TM: Vale da Porca, larvae on *Halimium umbellatum* (L.) Spach, 24-IV-2022, Nunes.

Cameraria ohridella Deschka & Dimić, 1986

BL: Castelo do Germanelo, 10-VI-2022, Rosete.

YPONOMEUTIDAE

Pseudoswammerdamia combinella (Hübner, 1786)

TM: Rio Azibo at Banreses, by day, 24-IV-2022, Nunes, C. Silva and Teixeira.

GLYPHIPTERIGIDAE

Glyphipterix simpliciella (Stephens, 1834)

BB: Miradouro da Senhora do Almurtão, by day, 17-IV-2022, Rosete, gen. det. Rosete.

PRAYDIDAE

Prays peregrina Agassiz, 2007

Fifth and sixth records. DL: Susão, by day, 13-III-2022, Nunes; Areia, Mindelo, 09-VII-2022, L. Silva, det. Nunes. The increasing frequency of records of this species suggests that it is a recent arrival and not an overlooked native.

AUTOSTICHIDAE

Symmocoides don (Gozmány, 1963)

BA: Batocas, 15-VI-2015, Corley and Romão.

LECITHOCERIDAE

Eurodachtha siculella (Wocke, 1889)

E: Serra do Socorro, 18-VI-2022, Cardoso, conf. Corley.

OECOPHORIDAE

Denisia piresi Corley, 2014

Third locality for this endemic species. BL: Louriçal, 5-V-2022, Rosete, gen. det. Dale.

Goidanichiana jourdheuillega (Ragonot, 1875)

E: Bairro, 2 km W of Ota, 1-VII-2022, Cardoso.

Dasycera oliviella (Fabricius, 1794)

E: Pó, 4-VII-2022, Cardoso.

DEPRESSARIIDAE

Agonopterix ciliella (Stainton, 1849)

BL: Grada, Barcouço, 4-I-2022, L. Silva, det. Corley.

GELECHIIDAE

Teleiodes italica Huemer, 1992

BA: Portela de Famalicão, 1-VIII-2021, Rosete, gen. prep. Dale.

** *Carpatolechia notatella* (Hübner, 1813)

TM: Lama Grande, 16-VI-2022, Nunes, C. Silva and Jesus, gen. det. Nunes (figure 1). Widespread in Europe, not recorded from Spain, most Balkan countries and Mediterranean islands. [*Salix* L.].

Delete *Istrianis myricariella* (Frey, 1970)

The specimen on which the record (Corley et al. 2000) was based has been re-examined and belongs to the next species,

* *Istrianis arenicolella* (Caradja, 1920)

ALG: Colinas Verdes, Bensafrim, 26-IX-1995, Corley (as *I. myricariella* in Corley et al. 2000); Quinta de Marim, 12-IV-2022, Valkenburg, reared on *Tamarix* L. by Nunes, gen. det. Nunes (figure 2). Algeria, France, Spain.

COLEOPHORIDAE

Coleophora calycotomella Stainton, 1869

E: Praia do Samouco, 16-VII-2021, Rosete, gen. prep. Dale.

Coleophora genistae Stainton, 1857

DL: Susão, larvae on *Genista triacanthos* Brot., 16-IV-2022, Nunes.

Coleophora albicosta (Haworth, 1828)

BB: Barragem da Meimoa, by day, 17-IV-2022, Rosete.

Coleophora ribasella Baldizzone, 1982

Third and fourth Portuguese records. BL: Praia de Mira, empty cases on *Artemisia campestris* subsp. *maritima* (DC.) Arcang., 24-VIII-2022, Rosete; Praia do Areão, 25-VIII-2022, Rosete.

Coleophora nutantella Mühlig & Frey, 1857

BL: Castelo do Germanelo, 10-VI-2022, Rosete, gen. det. Rosete.

Coleophora crepidinella Zeller, 1847

E: Costa da Caparica, larvae on *Beta maritima* L., 31-V-2022, Nunes.

LYPUSIDAE

Agnoea filiella (Staudinger, 1859)

BL: Ansião, 25-VI-2021, Rosete, gen. prep. Dale.

PTEROPHORIDAE

Delete *Agdistis glaseri* Arenberger, 1978. Records belong to *A. bifurcatus* Agenjo, 1952.

Reinstate *Agdistis bifurcatus* Agenjo, 1952. In Corley et al. (2018b) all records were erroneously transferred to *A. glaseri* as a result of confusion over the numbering of species on the plates in Arenberger (1995).

Stenoptilia gallobritannidactyla Gibeaux, 1985

BL: Lagoa de São José, by day, 3-VII-2022, Rosete, gen. det. The genus *Stenoptilia* is exceptionally problematic, with many taxa affected by wide divergence of opinion between different authorities. Gielis (1996) adopted a very broad species concept within the genus (22 species in Europe), while some French authors went to the other extreme: Leraut's 1997 checklist has 36 species in France alone. Arenberger (2005) occupied the middle ground, accepting 46 species in Europe of which two were described in 2002, after Gielis (1996). He accepted *S. inopinata* Bigot & Picard, 2002 as a good species but we have examined a number of Portuguese specimens and can find no significant difference between *S. inopinata* and *S. gallobritannidactyla* and therefore consider them to be synonymous. As this is based on Arenberger's illustrations, which are not from type specimens except for the male of *gallobritannidactyla*, we prefer not to make a formal synonymisation.

Adaina microdactyla (Hübner, 1813)

BL: Castelo do Germanelo, 30-IV-2022, Rosete, gen. det. Rosete, conf. Corley.

EPMENIIDAE

* *Epermenia pontificella* (Hübner, 1796)

BB: Segura, Praia Fluvial, 7-V-2022, Teixeira, det. Nunes (figure 3). Spain eastwards, extending north to Lithuania but absent from north-west Europe and most Mediterranean islands. [*Thesium* L.].

CHOREUTIDAE

Choreutis pariana (Clerck, 1759)

ALG: Alfambras, 6-IX-2021, Valadares.

TORTRICIDAE

Archips rosana (Linnaeus, 1758)

AAL: Sítio da Maceira, V-2022, reared from larva on *Arbutus unedo* L., Valadares, det. Nunes.

Clepsis coriakanus (Rebel, 1894)

E: Palácio de Sintra, 1-V-2022, reared from *Polypodium* L., Fraser-Jenkins, det. Corley.

Acleris literana (Linnaeus, 1758)

AAL: Sítio da Maceira, 26-III-2022, Valadares.

Phtheochroa duponchelana (Duponchel, 1843)

E: Campolide, 10-V-2022, by day, Ramos, det. Corley.

Cochylimorpha punctiferana (Ragonot, 1881)

Fourth Portuguese record. TM: Samodães, 20-V-2022, Nunes.

Lobesia botrana (Denis & Schiffermüller, 1775)

The record from BA given in Corley et al. (2018) belongs to *L. virulenta* Bae & Komai, 1991. There is a BA record of *L. botrana* from Quinta do Chegão, 16-V-2018, Corley.

Rhyacionia duplana (Hübner, 1813)

ALG: Sargaçal, 18-I-2022, Valadares; E: Pó, 2-I-2022, Cardoso.

** *Dichrorampha aeratana* (Pierce & Metcalfe, 1915)

DL: Rio Ovelha, Folhada, by day, 29-IV-2022, Teixeira, gen. det. Nunes (fig. 4). Widespread in Europe but not recorded from Spain or the Balkan countries and some Mediterranean islands. [*Leucanthemum vulgare* Lam.].

* *Dichrorampha baixerasana* Trematerra, 1991

TM: Salselas, by day, 17-VI-2022, Teixeira, gen. det. Nunes (fig. 5). Spain, Switzerland, Italy, Croatia, Albania. Host-plant unknown.

LIMACODIDAE

Hoyosia codeti (Oberthür, 1883)

R: Concavada, 1-VII-2022, Alves (REBN).

PYRALIDAE

Asalebria florella (Mann, 1862)

DL: Susão, larva on *Genista triacanthos* Brot., 22-V-2022, Nunes.

Elegia fallax (Staudinger, 1881)

The record from Bertandos (as *E. fallaximima* Nel & Mazel, 2011) (Corley et al. 2015) belongs to *E. atrifasciella*.

Elegia atrifasciella Ragonot, 1887

M: Bertandos, 8-VII-2014, Corley.

Ephestia elutella (Hübner, 1796)

BL: Casais do Porto, 29-V-2016, Rosete, gen. det. Rosete.

Cadra cautella (Walker, 1863)

BL: Louriçal, 6-VII-2022, Rosete, gen. det. Rosete.

CRAMBIDAE

Hodebertia testalis (Fabricius, 1794)

AAL: Sítio da Maceira, 30-X-2022, Valadares.

Evergestis isatidalis (Duponchel, 1833)

TM: Mirandela, 1-V-2022, Gonzalez.

Anarpia incertalis (Duponchel, 1832)

E: Fontainhas, 11-V-2022, Fraser-Jenkins, det. Corley.

DREPANIDAE

Polyploca ridens (Fabricius, 1787)

AAL: Sítio da Maceira, 26-III-2022, Valadares.

LASIOCAMPIDAE

Trichiura castiliana Spuler, 1908

AAL: Sítio da Maceira, 29-X-2022, Valadares.

Trichiura ilicis (Rambur, 1866)

AAL: Sítio da Maceira, 26-III-2022, Valadares.

Malacosoma neustria (Linnaeus, 1758)

AAL: Sítio da Maceira, 27-V-2022, Valadares.

Phyllodesma suberifolia (Duponchel, 1842)

E: Pó, 24-VIII-2022, Cardoso.

SPHINGIDAE

Acherontia atropos (Linnaeus, 1758)

AAL: Sítio da Maceira, 30-X-2022, Valadares.

GEOMETRIDAE

Idaea barbati Tautel & Lévêque, 2013

DL: Couce, 14-VIII-2022, Nunes, gen. det. Nunes; TM: Lama Grande, 16-VIII-2022, Nunes, gen. det. Nunes.

Idaea obsoletaria (Rambur, 1833)

E: Pó, 10-VII-2022, Cardoso (REBN).

Idaea blaesii Lenz & Hausmann, 1992

E: Trafaria, 2-VII-2022, Fabião, gen. det. Cardoso (REBN); BL: Poço, 23-VII-2020, Rosete, gen. det. Rosete.

Idaea rubraria Staudinger, 1901

BL: Larça, 20-VIII-2022, L. Silva (REBN).

Scopula ornata (Scopoli, 1763)

DL: Couce, 4-IX-2022, Nunes (REBN).

Scopula submutata (Treitschke, 1828)

TM: Vale da Porca, larva on *Thymus mastichina* L., 24-IV-2022, Nunes.

Xanthorhoe fluctuata (Linnaeus, 1758)

DL: Quintarrei, larva on *Teesdalia nudicaulis* (L.) R. Br., 30-I-2021, Nunes.

Larentia malvata (Rambur, 1833)

R: Alpiarça, 23-X-2022, Nascimento, conf. Nunes (REBN); AAL: Monsaraz, 12-XI-2022, Guégués, det. Nunes (REBN).

Eupithecia massiliata Millière, 1865

E: Trafaria, 26-III-2022, Fabião (REBN).

Eupithecia oxycedrata (Rambur, 1833)

E: Praia das Bicas, 1-I-2022, Almeida, det. Valadares (REBN).

Eupithecia innotata (Hufnagel, 1767)

M: Mindelo, larva on *Artemisia campestris* subsp. *maritima* (DC.) Arcang., 9-X-2021, Nunes.

Chiasmia clathrata (Linnaeus, 1758)

AAL: Sítio da Maceira, 28-III-2022, Valadares.

Digrammia rippertaria (Duponchel, 1830)

Second Portuguese record. BB: Segura, Praia Fluvial, 11-VI-2021, Teixeira.

Acanthovalva inconspicuaris (Hübner, 1819)

AAL: Sítio da Maceira, 30-X-2022, Valadares.

Colotois pennaria (Linnaeus, 1761)

AAL: Sítio da Maceira, 27-X-2022, Valadares.

Phigalia pilosaria (Denis & Schiffermüller, 1775)

M: São Vicente de Penso, 28-I-2022, Gomes (REBN).

Biston strataria (Hufnagel, 1767)

AAL: Sítio da Maceira, 26-III-2022, Valadares.

Aleucis distinctata (Herrich-Schäffer, 1839)

AAL: Marvão, 27-III-2022, Valadares.

Comptosia jourdanaria (Serres, 1826)

AAL: Sítio da Maceira, 28-X-2022, Valadares.

Phaiogramma etruscaria (Zeller, 1849)

AAL: Sítio da Maceira, 29-V-2022, Valadares.

NOTODONTIDAE

Cerura iberica (Templado & Ortiz, 1966)

AAL: Sítio da Maceira, 26-III-2022, Valadares.

Drymonia ruficornis (Hufnagel, 1766)

AAL: Sítio da Maceira, 26-III-2022, Valadares.

Pheosia tremula (Clerck, 1759)

M: São Vicente de Penso, 26-IV-2022, Gomes (REBN).

EREBIDAE

Lymantria dispar (Linnaeus, 1758)

R: Concavada, 1-VII-2022, Alves (REBN).

Coscinia cribraria (Linnaeus, 1758)

ALG: Perna Negra, 11-X-2020, Valadares.

Coscinia chrysocephala (Hübner, 1904)

AAL: Sítio da Maceira, 27-V-2022, Valadares.

Eilema uniola (Rambur, 1866)

E: Freixial, Bucelas, 11-VIII-2022, Godinho (REBN).

Nodaria nodosalis (Herrich-Schäffer, 1851)

E: Trafaria, 14-IV-2022, Fabião (REBN).

Lygephila cracca (Denis & Schiffermüller, 1775)

M: Porto Cerdeira, Sistelo, 9-IX-2022, Valadares.

Pandesma robusta (Walker, 1958)

AAL: Sítio da Maceira, 28-X-2022, Valadares.

NOCTUIDAE

Thysanoplusia daubei (Boisduval, 1840)

E: Trafaria, 24-X-2022, Fabião (REBN).

Pseudozarba bipartita (Herrich-Schäffer, 1850)

AAL: Monsaraz, 8-VII-2022, Guégués, det. Nunes (REBN).

Aedia leucomelas (Linnaeus, 1758)

R: Alpiarça, 9-X-2022, Nascimento, conf. Nunes (REBN).

Acronicta cuspis (Hübner, 1813)

Second Portuguese record. M: Bertandos, larva on *Salix* L., X-2022, Gonçalves; DL: Parque Biológico de Gaia, larva on *Alnus glutinosa* L., 20-IX-2022, adult emerged 18-V-2023, Teixeira.

Cucullia erythrocephala Wagner, 1914

AAL: Sítio da Maceira, 26-III-2022, Valadares, gen. prep. Cardoso, det. Nunes, conf. Yela.

Bryonycta pineti (Staudinger, 1859)

BL: Poço, 4-VII-2022, Rosete.

Heliothis nubigera Herrich-Schäffer, 1851

R: Alpiarça, 30-V-2022, Nascimento, conf. Nunes (REBN); AAL: Sítio da Maceira, 28-V-2022, Valadares.

Callopietria juvenina (Stoll, 1782)

E: Cesaredas, Reguengo Grande, 12-VI-2022, Cardoso (REBN).

Cryphia lusitanica (Draudt, 1931)

AAL: Monsaraz, 9-IX-2022, Guégués, det. Nunes (REBN).

Bryophila ravula (Hübner, 1813)

R: Alpiarça, 25-IX-2022, Nascimento, det. Corley (REBN).

Spodoptera littoralis (Boisduval, 1838)

AAL: Monsaraz, 14-X-2022, Guégués (REBN); E: Praia do Samouco, 1-IX-2014, Rosete.

Caradrina aspersa Rambur, 1834

M: Aboim, 25-VII-2019, Nunes.

* *Caradrina flava* Oberthür, 1876

E: Trafaria, 28-X-2022, Fábão, gen. det. Nunes (fig. 6). Spain, Malta, Greece, including Crete. Host-plant unknown.

Nonagria typhae (Thunberg, 1784)

E: Pó, 16-VI-2022, Cardoso (REBN).

Apamea arabs (Oberthür, 1881)

R: Concavada, 5-V-2022, Alves (REBN).

Episema grueneri Boisduval, 1837

AAL: Monte da Saravisca, 14-X-2017, Valadares.

Agrochola lunosa (Haworth, 1809)

AAL: Monte da Saravisca, 2-XI-2019, Valadares.

* *Agrochola litura* (Linnaeus, 1758)

TM: Ribeiro de Guilharde, Meixedo, 15-X-2022, C. Silva, Jesus and Fernandes, det. Yela (figure 7). Almost all Europe. [Polyphagous on herbaceous and woody plants].

Agrochola lota (Clerck, 1759)

ALG: Alfambras, 5-I-2022, Valadares (REBN).

Agrochola circellaris (Hufnagel, 1766)

ALG: Alfambras, 5-I-2022, Valadares (REBN).

Lithophane ornitopus (Hufnagel, 1766)

AAL: Sítio da Maceira, 27-III-2022, Valadares

Lithophane furcifera (Hufnagel, 1766)

Third Portuguese record. TM: Ponte de Carvalhal, 5-III-2021, Fernandes.

Lithophane leautieri (Boisduval, 1829)

BL: Larça, 11-XI-2022, L. Silva (REBN).

Cosmia diffinis (Linnaeus, 1767)

Second Portuguese record. BA: Mosteiro de Santa Maria de Aguiar, 27-VII-2019, Romão and Pires.

Dicycla oo (Linnaeus, 1758)

AAL: Sítio da Maceira, 27-V-2022, Valadares.

Dryobotodes roboris (Geyer, 1835)

AAL: Monte da Saravisca, 1-XI-2019, Valadares.

* *Ammoconia caecimacula* (Denis & Schiffermüller, 1775)

TM: Gondesende, 30-X-2022, Valkenburg, conf. Nunes (figure 8). Nearly all Europe, absent from British Isles, Albania and some Mediterranean islands. [Polyphagous on herbaceous plants].

Trigonophora jodea (Herrich-Schäffer, 1850)

AAL: Sítio da Maceira, 27-X-2022, Valadares.

Aporophyla lueneburgensis (Freyer, 1848)

AAL: Sítio da Maceira, 30-X-2022, Valadares.

Aporophyla canescens (Duponchel, 1826)

AAL: Sítio da Maceira, 27-X-2022, Valadares.

Polymixis dubia (Duponchel, 1836)

R: Concavada, 4-X-2022, Alves (REBN).

Orthosia incerta (Hufnagel, 1766)

AAL: Reveladas, 4-III-2019, Valadares.

Orthosia miniosa (Denis & Schifermüller, 1775)

AAL: Sítio da Maceira, 27-III-2022, Valadares.

Orthosia cerasi (Fabricius, 1775)

AAL: Sítio da Maceira, 27-III-2022, Valadares.

Anorthoa munda (Denis & Schifermüller, 1775)

AAL: Sítio da Maceira, 27-III-2022, Valadares.

Anarta gredosi (de Laever, 1977)

AAL: Sítio da Maceira, 29-III-2022, Valadares, conf. Corley.

Hecatera dysodea (Denis & Schiffermüller, 1775)

BL: Reguengo do Fetal, 27-VIII-2022, Mourão, det. Nunes (REBN).

Hadena magnolii (Boisduval, 1829)

AAL: Sítio da Maceira, 29-V-2022, Valadares.

Hadena albimacula (Borkhausen, 1792)

BL: Casais da Cruz da Areia, 13-VII-2022, Soares (REBN).

Leucania obsoleta (Hübner, 1803)

R: Alpiarça, 9-IV-2022, Nascimento, det. Nunes (REBN); E: Trafaria, 1-IX-2022, Fabião (REBN).

Leucania zae (Duponchel, 1827)

E: Trafaria, 8-IX-2022, Fabião (REBN).

Dichagyris nigrescens (Höfner, 1888)

Third Portuguese record. BB: Cortes do Meio, 26-VI-2014, Romão, det. Corley.

Agrotis catalaunensis (Millière, 1873)

R: Alpiarça, 9-III-2022, Nascimento, det. Cardoso (REBN).

Agrotis spinifera (Hübner, 1808)

AAL: Monsaraz, 8-IV-2022, Guégués, det. Nunes (REBN).

Cerastis rubricosa (Denis & Schiffermüller, 1775)

AAL: Ramila, 4-III-2019, Valadares.

Noctua interjecta Hübner, 1803

ALG: Alfambras, 4-VIII-2022, Valadares (REBN).

NOLIDAE

Earias albovenosana Oberthür, 1917

ALG: Paraíso, Bensafirim, larva on *Salix* L., 21-V-2022, emerged 4-VI-2022, Valadares; E: Freixal, Bucelas, 11-VIII-2022, Godinho (REBN).

Earias clorana (Linnaeus, 1761)

The record from Beira Alta in Corley (2015) based on Vale de Amoreira, 13-VII-2013, Romão, belongs to *E. albovenosana*.

Recent literature

Bartsch et al. (2021) have revised the genus *Pyropteron*. They conclude that *P. muscaeformis* subspecies *lusohispanica* is synonymous with *P. koschwitzi*. There is no evidence that typical *P. muscaeformis* occurs in Portugal, so it must be deleted from the list.

They distinguished a new subspecies of *P. leucomelaena* occurring in south Spain and Morocco, while the typical subspecies is present in central and northern Spain. No Portuguese material of this species was examined, so which subspecies occurs there remains to be established.

Corley et al. (2022) add 13 species to the Portuguese list and delete two.

Gaedike (2022) describes a new species, *Epermenia lusitanica* from Ericeira on the Portuguese coast.

Macià et al. (2022) have revised the genus *Eilema* Hübner, 1819 based on morphological and genetic study of European species. The 11 Portuguese species are placed in seven different genera:

Katha Moore, 1878

depressa (Esper, 1787)

Indalia Macià, Ylla, Gastón, Huertas & Bau, 2022

uniola (Rambur, 1866)

marcida (Mann, 1859)

pygmaeola pallifrons (Zeller, 1847)
predotae (Schawerda, 1927)

Nyea Agenjo, 1982
lurideola (Zincken, 1817)

Eilema Hübner, 1819
caniola (Hübner, 1808)

Manulea Wallengren, 1863
palliatella (Scopoli, 1763)
iberica (von Mentzer, 1980) (*complanata iberica* von Mentzer, 1980)

Pseudokatha Macià, Ylla, Gastón, Huertas & Bau, 2022
rungsi (Toulgoët, 1960)

Wittia de Freina, 1980
sororcula (Hufnagel, 1766)

While we accept the results of the scientific work performed, we do not agree with the authors' conclusion that *Eilema* needs to be split. In our view, this fragmentation of the large genus *Eilema* is unnecessary and premature as such work should be based on a global revision of the group. The genera recognised here could equally well be treated as subgenera. This would result in minimal disturbance of current nomenclature but would still leave the phylogenetic conclusions as valid. However, it is irrational to retain *Zobida* as a distinct genus if we are not recognising the other splits from *Eilema*, so we return *Z. bipuncta* to *Eilema*.

Marabuto (2022) adds the recently described Hesperiiidae *Spialia rosae* Hernández-Roldán, Dapporto, Dincă, Vicente & Vila, 2016 to the Portuguese list along with the following Heterocera: *Ptilocephala moncaunella* (Chapman, 1903), *Prays peregrina* Agassiz, 2007, *Digitivalva occidentella* (Klimesch, 1956), *Epicallima mikkolai* (Lvovsky, 1995), *Eretmocera medinella* (Staudinger, 1859), *Epiphyas postvittana* (Walker, 1863), *Lobesia limoniana* (Millière, 1860), *Titanio tarraconensis* Leraut & Luquet, 1982, *Apocheima flabellaria* (Heeger, 1848), *Apamea epomidion* (Haworth, 1809) and *Nola cucullatella* (Linnaeus, 1758). In addition, full collection data are given for *Xanthorhoe designata* (Hufnagel, 1767) and *Triphosa tauteli* Leraut, 2008 which had been mentioned as present in Portugal without data in Hausmann & Viidalepp (2012) and consequently listed for Portugal in Corley (2015). Finally records of *Pseudosammerdamia combinella* (Hübner, 1796), *Eublemma amoena* (Hübner, 1803) and *Xestia sexstrigata* (Haworth, 1809) are given which predate those already published as new for Portugal (Nunes et al. 2021; Corley et al. 2022).

Nunes & Gil (2023) add 43 species to the fauna of Douro Litoral including *Dialectica imperialella* (Zeller, 1847), new to Portugal and second Portuguese records of *Coleophora hackmani* (Toll, 1953), *Lobesia virulenta* Bae & Komai, 1991 and *Hoplodrina blanda* (Denis & Schiffermüller, 1775).

Prozorov et al. (2022) treat Iberian and North African *Lemonia philopalus* as separate species. The Iberian species is *L. vazquezi* Oberthür, 1916. However, they admit that the two species cannot be distinguished morphologically due to variation, which leaves as distinguishing characters only geographical provenance and the barcode distance of 2.13%, which in our view are insufficient to justify separation into two species. We therefore consider *vazquezi* to be a junior synonym of *philopalus*.

Zhang et al. (2020) concluded that *Carcharodus baeticus* should be placed in *Muschampia*.

Appendix: Changes to the Portuguese fauna list

Species added to the Portuguese fauna listed in this and other papers are summarised here, each

with a number indicating their placement in the checklist (Corley, 2015). New genera for the Portuguese fauna show the author and year of publication of the genus.

Name changes resulting from changes at genus level or to new synonymy are given, with each species retaining its list number. In a case where a new name is provided for a previously misidentified species, the new species retains the number of the misidentified species. Thus, *Istrianis arenicolella* (Caradja, 1920) replaces *Istrianis myricariella* (Frey, 1870) which was previously misidentified, but the species retains the number 0706 in the checklist.

- 0139.1 *Ptilocephala moncaunella* (Chapman, 1903)
 0239.1 *Dialectica imperialella* (Zeller, 1847)
 0336.1 *Digitivalva occidentella* (Klimesch, 1956)
 0363.1 *Prays peregrina* D. Agassiz, 2007
 0417.1 *Epicallima mikkolai* (Lvovsky, 1995)
 0702.2 *Carpatolechia notatella* (Hübner, 1813)
 0706 *Istrianis arenicolella* (Caradja, 1920) (*Istrianis myricariella* sensu Corley, 2000 non Frey, 1870)
Eretmocera Zeller, 1852
 0892.1 *Eretmocera medinella* (Staudinger, 1859)
 0931 *Agdistis bifurcatus* Agenjo, 1952
 0936 *Stenoptilia gallobritannidactyla* Gibeaux, 1985 (*Stenoptilia inopinata* Bigot & Picard, 2002)
 0969.2 *Epermenia pontificella* (Hübner, 1796)
 0969.3 *Epermenia lusitanica* Gaedike, 2022
Epiphyas Turner, 1927
 1007.1 *Epiphyas postvittana* (Walker, 1863)
 1112.1 *Lobesia limoniana* (Millière, 1860)
 1174.1 *Dichrorampha aeratana* (Pierce & Metcalfe, 1915)
 1178.1 *Dichrorampha baixerasana* Trematerra, 1991
 1240 *Pyropteron koschwitzki* (Špatenka, 1992) (*Pyropteron muscaeformis lusohispanica* Laštůvka & Laštůvka, 2007)
 1277 *Muschampia baeticus* (Rambur, 1839) (*Carcharodus baeticus* (Rambur, 1839))
 1278.1 *Spialia rosae* Hernández-Roldán, Dapporto, Dincă, Vicente & Vila, 2016
Titanio Hübner, 1825
 1609.1 *Titanio tarraconensis* Leraut & Luquet, 1982
 1720 *Lemonia philopalus* (*L. vazquezi* Oberthür, 1916)
Aochima Agassiz, 1847
 1989.1 *Aochima flabellaria* (Heeger, 1848)
 2150 *Eilema bipuncta* (Hübner, 1824) (*Zobida bipuncta* (Hübner, 1824))
 2311.1 *Caradrina flava* Oberthür, 1876
 2355.1 *Apamea epomidion* (Haworth, 1809)
 2386.1 *Agrochola litura* (Linnaeus, 1758)
Ammoconia Lederer, 1857
 2426.1 *Ammoconia caecimacula* (Denis & Schiffermüller, 1775)
 2579.1 *Nola cucullatella* (Linnaeus, 1758)

Acknowledgements

We are most grateful to all those who have contributed records, to Mike Dale for dissections and photos, to Dr José Luis Yela García who identified or confirmed species from photos and to Ernestino Maravalhas who kindly produced the map.

References

- Arenberger, E. (1995). Pterophoridae I. In H. G. Amsel (ed.), *Microlepidoptera Palaearctica* (Vol. 9). G. Braun.
- Arenberger, E. (2005). Pterophoridae III. In R. Gaedike (ed.), *Microlepidoptera Palaearctica* (Vol. 12). Goecke & Evers.
- Bartsch, D., Pühringer, F., Milla, L., Lingenhölle, A., & Kallies, A. (2021). A molecular phylogeny and revision of the genus *Pyropteron* Newman, 1832 (Lepidoptera, Sesiidae) reveals unexpected diversity and frequent hostplant switch as a driver of speciation. *Zootaxa*, 4972(1), 1-75. <https://doi.org/10.11646/zootaxa.3741.1.1>
- Bigot, L., & Picard, J. (2002). Les *Stenoptilia* de la section *grisescens* en France. *Stenoptilia mariaeluisae* nov. sp. et *Stenoptilia inopinata* nov. sp. (Lepidoptera Pterophoridae). *Alexandria*, 21(5), 301-311.
- Corley, M. F. V. (2015). *Lepidoptera of Continental Portugal. A fully revised list*. Martin Corley.
- Corley, M. F. V., Cardoso, H., Nunes, J., Rosete, J., Valadares, A., & Valkenburg, T. (2022). New and interesting Portuguese Lepidoptera records from 2021 (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 50(200), 617-631. <https://doi.org/10.57065/shilap.270>
- Corley, M. F. V., Ferreira, S., Grundy, D., Nunes, J., Pires, P., & Rosete, J. (2018b). New and interesting Portuguese Lepidoptera records from 2017 (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 46(184), 551-576.
- Corley, M. F. V., Gardiner, A. J., Cleere, N., & Wallis, P. D. (2000). Further additions to the Lepidoptera of Algarve, Portugal (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 28(111), 245-319.
- Corley, M. F. V., Nunes, J., Rosete, J., & Ferreira, S. (2019). New and interesting Portuguese Lepidoptera records from 2018 (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 47(188), 611-630. <https://doi.org/10.57065/shilap.490>
- Corley, M. F. V., Nunes, J., Rosete, J., Terry, R., & Ferrerira, S. (2020). New and interesting Portuguese Lepidoptera records from 2019 (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 48(192), 609-641. <https://doi.org/10.57065/shilap.352>
- Corley, M. F. V., Nunes, J., & Rosete, J. (2021). New and interesting Portuguese Lepidoptera records from 2020 (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 49(196), 609-625. <https://doi.org/10.57065/shilap.223>
- Corley, M. F. V., Rosete, J., Gonçalves, A. R., Mata, V., Nunes, J., & Pires, P. (2018a). New and interesting Portuguese Lepidoptera records from 2016 (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 46(181), 33-56.
- Corley, M. F. V., Rosete, J., Gonçalves, A. R., Nunes, J., Pires, P., & Marabuto, E. (2016). New and interesting Portuguese Lepidoptera records from 2015 (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 44(176), 615-643.
- Corley, M. F. V., Rosete, J., Romão, F., Dale, M. J., Marabuto, E., Maravalhas, E., & Pires, P. (2015). New and interesting Portuguese Lepidoptera records from 2014. (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 43(172), 583-613.
- Euro+Med (2006). *Euro+Med PlantBase - the information resource for Euro-Mediterranean plant diversity*. <http://ww2.bgbm.org/EuroPlusMed/>.
- Gaedike, R. (2022). Two new species of the genus *Epermenia* Hübner, [1825] and some new distributional and taxonomic records (Lepidoptera: Epermeniidae). *SHILAP Revista de lepidopterología*, 50(200), 755-761. <https://doi.org/10.57065/shilap.269>
- Gielis, C. (1996). Pterophoridae. In P. Huemer, O. Karsholt & L. Lyneborg (eds.), *Microlepidoptera of Europe* (Vol. 1). Apollo Books.
- Hausmann, A., & Viidalepp, J. (2012). Larentiinae 1. In A. Hausmann (ed.): *The Geometrid Moths of Europe* (Vol. 3). E. J. Brill. <https://doi.org/10.1163/9789004260979>
- Karsholt, O., & Nieukerken, E. J. van (2013) *Fauna Europaea: Lepidoptera, Moths*. *Fauna Europaea* (Version 2017.06). <https://fauna-eu.org>.
- Leraut, P. (1997). *Liste systématique et synonymique des Lépidoptères de France, Belgique et Corse (deuxième édition)*. Universa.
- Macià, R., Ylla, J., Gastón, J., Huertas, M., & Bau, J. (2022). The species of *Eilema* Hübner, [1819] sensu lato present in Europe and North Africa (Lepidoptera: Erebidae: Arctiinae: Lithosiini). *Zootaxa* 5191(1), 1-87. <https://doi.org/10.11646/zootaxa.5191.1.1>
- Marabuto, E. (2022). *Spialia rosae* Hernández-Roldán, Dapporto, Dincă, Vicente & Vila, 2016, and 17 moth species new for the fauna of Portugal (Insecta: Lepidoptera). *Arquivos Entomológicos*, 25, 305-322.
- Nunes, J., & Gil, F. (2023). The Moths of Lousada, Portugal (Insecta: Lepidoptera). *Boletín de la Sociedad Entomológica Aragonesa*, 72, 71-80.
- Nunes, J., Silva, C., & Jesus, E. (2021). New species of Lepidoptera for mainland Portugal (Insecta: Lepidoptera). *SHILAP Revista de lepidopterología*, 49(195), 507-511. <https://doi.org/10.57065/shilap.289>
- Prozorov, A. M., Prozorova, T. A., Volkova, J. S., Yakovlev, R. V., Saldaitis, A., Ortiz, A. S., Bianco, G., Schneider,

- T., Revay, E. E., & Müller, G. C. (2022). Description of a new Middle Eastern *Lemonia* species, comments on the *Lemonia philopalus* complex and *Lemonia syriensis* (Lepidoptera: Brahmaeidae: Lemoniinae). *Ecologica Montenegrina*, 57, 77-97. <https://doi.org/10.37828/em.2022.57.8>
- Zhang, J., Brockmann, E., Cong, Q., Shen, J., & Grishin, N. V. (2020). A genomic perspective on the taxonomy of the subtribe Carcharodina (Lepidoptera: Hesperiiidae: Carcharodini). *Zootaxa*, 4748(1), 182-194. <https://doi.org/10.11646/zootaxa.4748.1.10>

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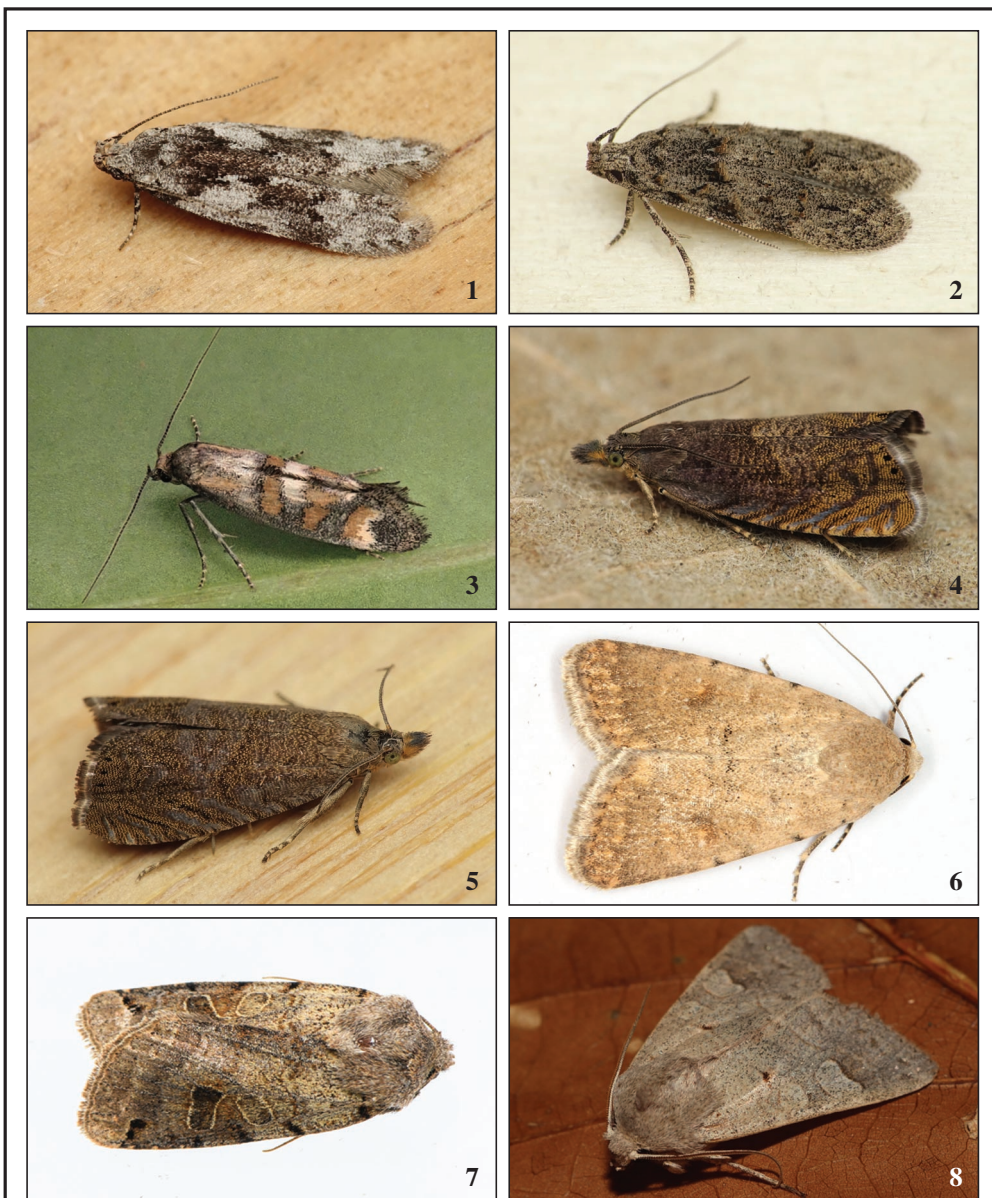
*Autor para la correspondencia / *Corresponding author*

(Recibido para publicación / *Received for publication* 6-X-2023)

(Revisado y aceptado / *Revised and accepted* 24-X-2023)

(Publicado / *Published* 30-XII-2023)

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Figures 1-8. 1. *Carpatolechia notatella* (Hübner, 1813), Lama Grande, Bragança (J. Nunes). 2. *Istrianis arenicolella* (Caradja, 1920), Quinta do Marim, Olhão (J. Nunes). 3. *Epermenia pontificella* (Hübner, 1796), Segura, Idanha-a-Nova (J. Teixeira). 4. *Dichrorampha aeratana* (Pierce & Metcalfe, 1915), Folhada, Marco do Canaveses (J. Nunes). 5. *Dichrorampha baixerasana* Trematerra, 1991, Salselas, Macedo de Cavaleiros (J. Nunes). 6. *Caradrina flava* Oberthür, 1876, Trafaria, Almada (J. Fabião). 7. *Agrochola litura* (Linnaeus, 1758, Meixedo, Bragança (A. Fernandes). 8. *Ammoconia caecimacula* (Denis & Schiffermüller, 1775), Gondesende, Bragança (T. Valkenburg).