

New and interesting Portuguese Lepidoptera records from 2017 (Insecta: Lepidoptera)

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Abstract

24 species are added to the Portuguese Lepidoptera fauna and two species deleted, mainly as a result of fieldwork undertaken by the authors and others in 2017. In addition, second and third records for the country, new province records and new food-plant data for a number of species are included. A summary of recent papers affecting the Portuguese fauna is added.

KEY WORDS: Insecta, Lepidoptera, distribution, Portugal.

Novos e interessantes registos portugueses de Lepidoptera em 2017 (Insecta: Lepidoptera)

Resumo

Como resultado do trabalho de campo desenvolvido pelos autores e outros, principalmente no ano de 2017, são adicionadas 24 espécies de Lepidoptera à fauna de Portugal e duas são retiradas da lista nacional. Adicionalmente, são apresentados segundos e terceiros registos de espécies previamente conhecidas, bem como novas plantas alimentícias para algumas espécies. Amplia-se ainda a distribuição geográfica de várias espécies, indicando-se novas regiões de ocorrência. Finalmente, é apresentado um sumário dos mais recentes trabalhos relevantes para a fauna portuguesa.

PALAVRAS CHAVE: Insecta, Lepidoptera, distribuição geográfica, Portugal.

Nuevas e interesantes citas portuguesas de Lepidoptera en 2017 (Insecta: Lepidoptera)

Resumen

Con el trabajo de campo efectuado por los autores y otros, principalmente durante el año de 2017, se añaden 24 especies de Lepidoptera a la fauna de Portugal y se eliminan dos especies de la lista nacional. Además, se muestran segundos y terceros registros de especies ya conocidas del país y también nuevas plantas nutricias de algunas otras especies. Se amplía la distribución geográfica de varias especies, teniendo como base registros en nuevas provincias. Finalmente, se presenta un resumen de los más recientes trabajos que son relevantes para la fauna portuguesa.

PALABRAS CLAVE: Insecta, Lepidoptera, distribución geográfica, Portugal.

Introduction

This paper is the twelfth 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 2017, together

with new province records not included in the checklist (CORLEY, 2015). Additional data includes new information on larval food-plants within the country and second and third records of species for the country, which are only indicated when they are not in new provinces. Papers published in 2017 and part of 2018 that relate to the Portuguese Lepidoptera fauna are listed and briefly summarised. Finally, an Appendix lists nomenclatural changes together with the new species for Portugal, with numbers indicating their correct position in the checklist; new genera for Portugal have author and year of publication given.

24 species new for Portugal are listed below, of which two are new for the Iberian Peninsula. Two species are removed from the Portuguese list. A few of the new species listed here have been previously listed for Portugal, but the records were rejected in CORLEY (2015), as being erroneous or unsubstantiated.

In CORLEY *et al.* (2018) the number of Lepidoptera species recognised from Portugal was 2657. With the current paper and other papers mentioned herein, this total has risen to 2688, an increase of 100 species since the publication of CORLEY (2015).

Material and Methods

Most species were captured at light in traps of various kinds, often over or beside a white sheet. 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, a few records are based only on photographic evidence.

The order and nomenclature of families and species has been revised in accordance with the new Portuguese list (CORLEY, 2015). The nomenclature of plant names follows the EURO+MED PLANT-BASE (2006) where possible.

The entry for species new for Portugal concludes with a summary of the known European distribution, and available information on the larval food-plant, given in square brackets if the information comes from outside Portugal.

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

The map below shows the 10x10 km UTM grid squares from which records cited in this paper were made.

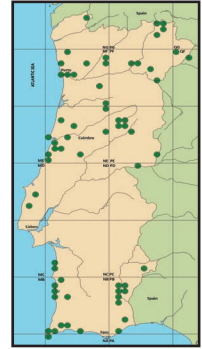
Abreiro station (Vila Flor)	PF4478	170 m
Albergaria, Serra da Estrela (Manteigas)	PE2165	1500 m
Almogrove, 2 km S. of, (Odemira)	NB1764	55 m
Alto dos Moinhos (Lisboa)	MC8488	90 m
Ansião, 2 km E. of,	NE5019	250 m
Assureira, Castro Laboreiro (Melgaço)	NG6950	780 m
Bobal (Mondim de Basto)	NF9784	850 m
Bombarral	MD8646	50 m
Cabecico da Vinha, Freixiosa (Miranda do Douro)	QF2489	600 m
Cântaro Raso, road tunnel, Serra da Estrela, (Covilhã)	PE1964	1710 m
Carrapateira (Vila do Bispo)	NB0806	25 m
Carrzedo, 1 km S.W. of, (Bragança)	PG7425	890 m
Casais do Porto, Louriçal (Pombal)	NE2229	20 m
Chão de Couce (Ansião)	NE5218	270 m
Corte do Gago (Castro Marim)	PB2828	180 m
Corte Sines (Mértola)	PB2175	115 m
Corticeiro de Cima (Cantanhede)	NE2875	55 m
Cova da Lua, 1.5 km E of, (Bragança)	PG8039	790 m

Covão do Vidual, Serra da Estrela (Seia)	PE1570	1480 m
Crastinha, São Pedro do Moel (Marinha Grande)	NE0208	80 m
Cruzinha, Mexilhoeira Grande (Portimão)	NB3411	20 m
Dine (Vinhais)	PG7141	740 m
Esteiramantens (Tavira)	PB1009	75 m
Estevais (Torre de Moncorvo)	PF6267	450 m
Figueiró do Campo (Soure)	NE3644	35 m
França, 5 km west of, (Bragança)	PG8441	750 m
Freixiel (Vila Flor)	PF4975	455 m
Herdade de Pulo de Lobo (Mértola)	PB1985	130 m
Hospital São Teotónio (Viseu)	NF9200	475 m
Lagoa de São José, Mata do Urso, Cariço (Pombal)	NE1128	45 m
Madalena (Vila Nova de Gaia)	NF2950	25 m
Mértola	PB1866	55 m
Mértola, 1 km S of, by R. Guadiana	PB1765	50 m
Midões (Barcelos)	NF3495	90 m
Moinho do Alferes, Ribeira de Vascão (Mértola)	PB1451	95 m
Moinhos de Paneiro (Santiago de Cacém)	NB2795	210 m
Monte Barata (Castelo Branco)	PD4496	230 m
Monte Velho (Santiago de Cacém)	NC1613	10 m
Moura da Serra, Mata da Margaraça (Arganil)	NE9252	900 m
Pampilhosa do Botão (Mealhada)	NE4964	90 m
Parque Biológico de Gaia (Vila Nova de Gaia)	NF3650	110 m
Pêra (Albufeira)	NB5808	35 m
Picão (Castro Daire)	NF8833	950 m
Poço do Inferno, Serra da Estrela (Manteigas)	PE2570	1100 m
Ponta da Galhofa, Vila Nova de Milfontes (Odemira)	NB1777	48 m
Ponte da Carba, Celas (Vinhais)	PG7222	710 m
Praia da Mareta, Sagres (Vila do Bispo)	NA0595	10 m
Praia das Furnas, Vila Nova de Milfontes (Odemira)	NB1974	7 m
Praia de Galé, Melides (Grândola)	NC1927	30 m
Ponte de Jugais, Lapa dos Dinheiros (Seia)	PE1071	570 m
Praia de Mindelo (Vila do Conde)	NF2274	5 m
Praia do Malhão (Odemira)	NB1782	22 m
Praia do Pedrogão (Leiria)	NE0317	8 m
Pulo do Lobo, east side (Serpa)	PB2085	130 m
Quintã (Vila Real)	NF9572	719 m
Quinta da Serra, Serra da Boa Viagem (Figueira da Foz)	NE0848	100 m
Quinta das Valsas, Monte Barata (Castelo Branco)	PD4597	240 m
Quinta do Canal, Bizorreiro (Figueira da Foz)	NE1639	3 m
Repeses (Viseu)	NE9099	470 m
Ribeira Angueira, below Castelo de Algosó (Vimioso)	QF0192	335 m
Ribeira de Pragueira, Lagoa Comprida (Seia)	PE1468	1610 m
Ribeira de Torgal (Odemira)	NB3366	18 m
Ribeira de Vale Cova, Corte de Gafo de Cima (Mértola)	PB1572	125 m
Ribeira do Mosteiro (Freixo de Espada à Cinta)	PF7647	190 m
Ribeiro da Azenha (Fundão)	PE3351	490 m
Rossão, Gosende (Castro Daire)	NF8936	1030 m
Salema camping (Vila do Bispo)	NB1503	60 m
Santa Luzia, Tua valley (Carrazeda de Ansiães)	PF3571	300 m
São Lourenço (Carrazeda de Ansiães)	PF3572	290 m
São Miguel, Lousada	NF6373	260 m
Sargaçal (Lagos)	NB2710	30 m

Segura, praia fluvial (Idanha-a-Nova)	PE7310	180 m
Sobral da Adiça (Moura)	PC5111	190 m
Torre, zone adjacent to, (Seia)	PE1666	1800 m
Torres Vedras	MD7726	100 m
Vairão (Vila do Conde)	NF2775	95 m
Vale de Zêzere, 5 km S.W. of Manteigas	PE2267	1100 m
Valongo	NF4159	200 m

Recorders

Paula Banza	Edmundo Jesus
Helder Cardoso	José Lemos
Ricardo Cardoso	Eduardo Marabuto
Gonçalo de Carvalho	Vanessa Mata
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Abbreviations and symbols

coll.	collection
comm.	communicated by
conf.	confirmed by
det.	determined by
*	New for Portugal, i.e. not listed for Portugal in CORLEY (2015).
(*)	New for Portugal since record in CORLEY (2015) was erroneous.
**	New for the Iberian Peninsula.

Provinces:

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

List of families and species

NEPTICULIDAE

Stigmella glutinosae (Stainton, 1858)

TM: Ponte da Carba, 14-X-2017, leafmine on *Alnus glutinosa*, reared, Nunes, det. Corley.

Stigmella paradoxa (Frey, 1858)

BA: Ponte de Jugais, 25-VII-2017, leafmine on *Crataegus monogyna*, Nunes.

Zimmermannia liguricella (Klimesch, 1953)

BL: Lagoa de São José, 11-VII-2017, Rosete, det. Corley.

OPOSTEGIDAE

Opostegoides menthinella (Mann, 1855)

BAL: Praia do Malhão, 12-V-2017, Marabuto, Grundy, Nunes, Silva and Jesus.

MEESSIIDAE

* *Infurcitinea minuscula* Gozmány, 1960

BL: Ansião, 17-VII-2017, Rosete, det. Corley. Previously known only from holotype male from Chiclana, Cádiz. Spain. Larva unknown.

Infurcitinea karadaghica Zagulajev, 1979

BL: Lagoa de São José, 11-VII-2017, Rosete, det. Corley. Previously recorded in Beira Litoral, Beira Alta and Trás-os-Montes, but all previous records were in montane localities.

Novotinea muricolella (Fuchs, 1879)

BL: Ansião, 20-V-2017, Rosete, det. Corley; BA: Ribeira de Pragueira, 23-VII-2017, Corley and Nunes.

TINEIDAE

Morphaga morella (Duponchel, 1838)

TM: Estevais, 17-VII-2017, Corley and Nunes.

Nemapogon variatella (Clemens, 1859)

BL: Corticeiro de Cima, 1-IX-2017, Rosete, det. Corley.

Nemapogon agenjoi Petersen, 1959

BAL: Ribeira de Torgal, 13-V-2017, Nunes, Silva and Jesus, det. Corley.

Elatobia fuliginosella (Lienig & Zeller, 1846)

BA: Vale de Zêzere, 10-IX-2017, Rosete.

Tinea trinotella Thunberg, 1794

BAL: Praia do Malhão, 12-V-2017, Marabuto, Grundy, Nunes, Silva and Jesus; E: Crastinha, São Pedro do Moel, 25-II-2017, Rosete; BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Ateliotum petrinella (Herrich-Schäffer, 1854)

TM: França, 18-VII-2017, Corley and Nunes.

BUCCULATRICIDAE

Bucculatrix alaternella Constant, 1890

BAL: Ribeira de Vale Cova, larval signs on *Rhamnus alaternus*, 28-III-2017, Corley.

GRACILLARIIDAE

Parectopa ononidis (Zeller, 1839)

BL: Ansião, 10-VI-2017, Rosete.

Caloptilia cuculipennella (Hübner, 1796)

BL: Lagoa de São José, 28-VII-2017, Rosete, det. Corley.

Caloptilia alchimiella (Scopoli, 1763)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Aspilapteryx tringipennella (Zeller, 1839)

BL: Quinta da Serra, larva on *Plantago lagopus*, 11-V-2017, Nunes.

Povolnya leucapennella (Stephens, 1835)

TM: Santa Luzia, 14-VII-2017, Corley, S. Ferreira and Mateus.

* *Metriochoa latifoliella* (Millière, 1886)

E: Crastinha, São Pedro do Moel, 24-IV-2017, Rosete, det. Corley. Spain, France, Italy, Greece and larger Mediterranean islands. [Larva mining *Olea*, *Phillyrea*].

Phyllonorycter roboris (Zeller, 1839)

TM: Ponte da Carba, leafmine on *Quercus pyrenaica*, 18-X-2017, Nunes.

Phyllonorycter messaniella (Zeller, 1846)

BA: Picão, leafmine on *Quercus robur*, reared 7-VI-2017, Rosete.

Phyllonorycter mespilella (Hübner, 1805)

BAL: Moinhos de Paneiro, leafmine on *Pyrus*, 13-V-2017, Nunes; BL: Casais do Porto, leafmine on *Cydonia oblonga*, 17-XII-2017, Rosete.

Phyllonorycter klemannella (Fabricius, 1781)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

* *Cameraria ohridella* Deschka & Dimić, 1986

BA: Hospital São Teotónio, leafmines on *Aesculus hippocastanum*, 8-IX-2017, Pires. All Europe except most Mediterranean islands.

* *Phyllocnistis xenia* Hering, 1936

ALG: Esteiramantens, leafmines on *Populus alba*, X-1993, Corley. Published under name of *P. labyrinthella* (CARVALHO & CORLEY, 1995), but that species feeds on *Populus tremula*. The error was repeated in CORLEY (2015), where *xenia* is erroneously given as a synonym of *labyrinthella*.

Delete *Phyllocnistis labyrinthella* (Bjerkander, 1790)

The published Portuguese record (CARVALHO & CORLEY, 1995; CORLEY, 2015) refers to *P. xenia*.

YPONOMEUTIDAE

Paradoxus osyridellus Millière, 1869

BAL: Moinhos de Paneiro, 12-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

Cedestis subfasciella (Stephens, 1834)

E: Crastinha, São Pedro do Moel, 9-XII-2016, Rosete.

GLYPHIPTERIGIDAE

Glyphipteryx fuscoviridella (Haworth, 1828)

BL: Moura da Serra, 15-V-2016, Rosete.

ARGYRESTHIIDAE

Argyresthia spinosella Stainton, 1849

BAL: Moinhos de Paneiro, 12-V-2017, Marabuto, Nunes, Silva and Jesus, det. Corley.

LYONETIIDAE

Phyllobrostis fregenella Hartig, 1941

DL: Valongo, leafmine on *Daphne gnidium*, 12-III-2017, reared, Nunes.

PRAYDIDAE

Distagmos ledereri Herrich-Schäffer, 1854

BAL: Praia do Malhão, 12-V-2017, Marabuto, Grundy, Nunes, Silva and Jesus.

DOUGLASIIDAE

Tinagma balteolella (Fischer von Röslerstamm, 1841)

BB: Segura, praia fluvial, 30-III-2017, Corley, Mata and S. Ferreira; TM: Vale do Porco, 24-IV-2016, Nunes, det. Corley

AUTOSTICHIDAE

Symmoca tofosella Rebel, 1893

TM: Abreiro station, 16-VII-2017, Corley and Nunes.

Symmoca uniformella Rebel, 1900

BAL: Moinho de Alferes, 27-III-2017, Corley and S. Ferreira; Ribeira de Vale Cova, 28-III-2017, Corley and S. Ferreira.

Symmocoides don (Gozmány, 1963)

TM: Estevais, 17-VII-2017, Corley and Nunes.

OECOPHORIDAE

Goidanichiana jourdheuillega (Ragonot, 1875)

BAL: Ribeira de Torgal, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

Kasyniana griseosericeella (Ragonot, 1879)

E: Crastinha, São Pedro do Moel, 24-IV-2017, Rosete.

Batia lambdaella (Donovan, 1793)

DL: Praia de Mindelo, 30-VI-2017, Nunes, Silva and Jesus.

Alabonia herculeella Walsingham, 1903

BAL: Ribeira de Torgal, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

* *Pleurota andalusica* Back, 1973

ALG: Porto do Lagos, 22-V-2001, Corley; Ludo, 22-V-2002, Corley; TM: Santa Luzia, 14-VII-2017, Corley, S. Ferreira and Mateus. Algarve records of *P. protasella* Staudinger, 1883 in MONTEIRO & CARVALHO (1984) and CARVALHO & CORLEY (1995) almost certainly belong to *P. andalusica*. Spain. Food-plant unknown.

Pleurota gallicella Huemer & Luquet, 1995

BAL: Ribeira de Torgal, 13-V-2017, Marabuto, Nunes, Silva and Jesus.

DEPRESSARIIDAE

Agonopterix rotundella (Douglas, 1846)

TM: Abreiro station, 16-VII-2017, Corley and Nunes.

Agonopterix scopariella (Heinemann, 1870)

E: Crastinha, São Pedro do Moel, 25-II-2017, Rosete.

Agonopterix rutana (Fabricius, 1794)

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

Agonopterix yeatiana (Fabricius, 1781)

BA: Repeses, at street light, 6-VI-2017, Rosete.

Depressaria depressana (Fabricius, 1775)

ALG: Lagos, 1-VI-2016, Valadares, det. Corley.

Ethmia terminella Fletcher, 1938

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

CARCINIDAE

Carcina quercana (Fabricius, 1775)

DL: Vairão, larva on *Tilia*, 14-VII-2017, Corley.

COSMOPTERIGIDAE

Coccidiphila danilevskyi Sinev, 1997

E: Crastinha, São Pedro do Moel, 24-IV-2017, Rosete.

Eteobalea dohrnii (Zeller, 1847)

BAL: Praia das Furnas, 15-V-2017, Grundy.

Vulcaniella fiordalisa (Petty, 1904)

E: Crastinha, São Pedro do Moel, 24-IV-2017, Rosete; DL: Praia de Mindelo, 30-VI-2017, Nunes, Silva and Jesus.

GELECHIIDAE

Syncopacma polychromella (Rebel, 1902)

BAL: Mértola, 1 km S. of, 9-V-2017, Grundy.

Pseudosophronia exustellus (Zeller, 1847)

E: Bombarral, 12-VIII-2017, H. Cardoso, det. Corley from photo.

Neofaculta ericetella (Geyer, 1832)

BAL: Ribeira de Vale Cova, 28-III-2017, Corley and S. Ferreira;

Aristotelia ericinella (Zeller, 1839)

BAL: Ribeira de Torgal, 13-V-2017, Marabuto, Nunes, Silva and Jesus.

Isophrictis meridionella (Herrich-Schäffer, 1854)

ALG: Salema camping, 19-IV-2017, Skou, det. Karsholt.

Metzneria torosulella (Rebel, 1893)

BAL: Ribeira de Vale Cova, 28-III-2017, Corley and S. Ferreira; BL: Ansião, 13-V-2017, Rosete.

Metzneria tristella Rebel, 1901

BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Eulamprotes immaculatella (Douglas, 1850)

BA: Vale de Zêzere, 10-IX-2017, Rosete, det. Corley.

Mirificarma interrupta (Curtis, 1827)

E: Crastinha, São Pedro do Moel, 25-II-2017, Rosete.

* *Gelechia scotinella* Herrich-Schäffer, 1854

TM: Dine, 19-VII-2017, Corley and Nunes.

Scrobipalpa vasconiella (Rössler, 1877)

BA: Poço do Inferno, 24-VII-2017, Corley and Nunes.

Ephysteris promptella (Staudinger, 1859)

BL: Lagoa de São José, 1-VIII-2017, Rosete, det. Corley.

Caryocolum arenbergeri Huemer, 1989

TM: Estevais, 17-VII-2017, Corley and Nunes.

ELACHISTIDAE

Perittia piperatella (Staudinger, 1859)

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira; E: Crastinha, São Pedro do Moel, 25-II-2017, Rosete.

** *Elachista agelensis* Traugott-Olsen, 1996

M: Assureira, 27-VII-2011, Corley, det. Kaila; TM: França, 31-VIII-2016, Corley, det. Kaila. France, Italy, Austria, Czech Republic. Food-plant unknown.

* *Elachista heringi* Rebel, 1899

TM: Rio Angueira, Castelo de Algosó, 16-VI-2015, Corley, det. Kaila. Spain, France, Italy, Austria, Czech Republic, Slovakia, Hungary, Romania. [Larva on *Stipa pennata*].

** *Elachista distigmatella* Frey, 1859

TM: Carrazedo, 19-VI-2015, Corley, det. Kaila. France, Switzerland, Germany, Denmark, Sweden, Czech Republic, Poland, Lithuania. [Larva on *Festuca trachyphylla*].

* *Elachista obliquella* Stainton, 1854

BL: Ansião, 3-VII-2017, Rosete, det. Corley. Most of Europe, absent from far north, Balkan countries, and Mediterranean islands. [Larva on various Poaceae].

COLEOPHORIDAE

Coleophora conyzae Zeller, 1868

BAL: Moinhos de Paneiro, 12-V-2017, Marabuto, Nunes, Silva and Jesus, det. Corley.

Coleophora perplexella Toll, 1960

BB: Segura, praia fluvial, 30-III-2017, Corley, Mata and S. Ferreira.

Coleophora gredosella Baldizzone, 1985

BB: Cântaro Raso, disturbed from *Solidago virgaurea*, 23-VII-2017, Nunes, det. Corley.

* *Coleophora turbatella* Toll, 1944

BA: Torre, 25-VII-2016, Rosete. Spain. [Food-plant unknown].

Coleophora semicinerea Staudinger, 1859

BAL: Ribeira de Vale Cova, 28-III-2017, Corley and S. Ferreira; BL: Figueiró do Campo, 20-IV-2017, I. Ferreira, det. Corley; BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Coleophora pennella (Denis & Schiffermüller, 1775)

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

Coleophora insulicola Toll, 1942

BAL: Moinhos de Paneiro, 12-V-2017, Marabuto, Nunes, Silva and Jesus, det. Corley; BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Coleophora adelogrammella Zeller, 1849

BA: Vale de Zêzere, 10-IX-2017, Rosete, det. Corley.

Coleophora agenjoi Toll, 1960

BB: Cântaro Raso, by road tunnel, resting on *Dianthus lusitanus* by day, 23-VII-2017, Nunes and Corley.

BATRACHEDRIDAE

Batrachedra praeangusta (Haworth, 1828)

BA: Poço do Inferno, 24-VII-2017, Corley.

SCYTHRIDIDAE

Scythris subseliniella (Heinemann, 1876)

TM: Bobal, 3-VI-2017, Nunes, Silva and Jesus, det. Corley.

Scythris grandipennis (Haworth, 1828)

TM: Estevais, 17-VII-2017, Corley and Nunes.

BLASTOBASIDAE

Blastobasis decolorella (Wollaston, 1858)

DL: Madalena, larva on dead flowers of *Castanea sativa*, 13-VIII-2017, adult 1-IX-2017, Nunes.

Tecmerium spermophagia Walsingham, 1907

BL: Lagoa de São José, 28-VII-2017, Rosete, det. Corley.

STATHMOPODIDAE

Neomariania partinicensis (Rebel, 1937)

Second and third records. ALG: Lagos, 24-VIII-2016, Valadares, conf. Corley; BL: Quinta do Canal, flying at sunset, 22-VII-2017, Corley and Rosete.

MOMPHIDAE

Mompha miscella (Denis & Schiffermüller, 1775)

E: Crastinha, São Pedro do Moel, 24-IV-2017, Rosete.

* *Mompha langiella* (Hübner, 1796)

TM: França, 18-VII-2017, Corley, Nunes and S. Ferreira. Most of Europe, absent from most northern and southern regions and Mediterranean islands. [Larva on *Circaea* and *Epilobium*].

Mompha propinquella (Stainton, 1851)

Third record. TM: França, 18-VII-2017, Corley and Nunes.

Mompha subbistrigella (Haworth, 1828)

BA: Poço do Inferno, 24-VII-2017, Corley and Nunes; TM: Freixiel, 15-VII-2017, Corley and Nunes.

Mompha epilobiella (Denis & Schiffermüller, 1775)

BL: Quinta do Canal, 5-VII-2017, Rosete, det. Corley.

PTEROLONCHIDAE

Pterolonche inspersa Staudinger, 1859

ALG: Carrapateira, 17-V-2017, Grundy.

PTEROPHORIDAE

Agdistis adactyla (Hübner, 1819)

Delete record from Beira Litoral (CORLEY *et al.*, 2015) which belongs to *A. heydeni* (Zeller, 1852). In GIELIS (1996) the illustrations of female genitalia of *A. adactyla* and *A. heydeni* are transposed. Other records are based on male genitalia and are unaffected.

Delete *Agdistis bifurcatus* Agenjo, 1952

All Portuguese records (CARVALHO & CORLEY, 1995; CORLEY *et al.*, 2012a) belong to *A.*

glaseri. In GIELIS (1996) the illustrations of female genitalia of *A. bifurcatus* and *A. glaseri* are transposed.

* *Agdistis glaseri* Arenberger, 1978

ALG: Praia Verde, 20-IV-1992, Corley; Castro Marim, 18-V-2003, Corley; Cabo de São Vicente, 27-X-2010, Corley; Carrapateira, 28-X-2010, Corley. Spain. [Food-plant unknown].

Marasmarcha lunaedactyla (Haworth, 1811)

BAL: Pulo do Lobo, east side, 19-V-2017, Grundy.

Merrifieldia tridactyla (Linnaeus, 1758)

BL: Chão de Couce, 18-IV-2017, Rosete, det. Corley.

EPERMENIIDAE

Epermenia aequidentellus (Hofmann, 1867)

BB: Cântaro Raso, by road tunnel, larvae on *Angelica major*, 23-VII-2017, Nunes and Corley.

* *Epermenia ochreomaculella* (Millière, 1854)

TM: Freixiosa, 18-VI-2015, Corley; Ponta da Carba, 23-VII-2016, Pires, Gonçalves, Silva and Jesus, det. Corley. Spain, France, Switzerland, Italy, Croatia, Macedonia, Bulgaria, Albania, Greece, Ukraine. [Food-plant unknown].

TORTRICIDAE

Pandemis cerasana (Hübner, 1786)

TM: Bobal, larva on *Quercus robur*, 3-VI-2017, Nunes, det. Corley.

Aphelia peramplana (Hübner, 1825)

TM: Ribeira do Mosteiro, 31-III-2017, Corley, Mata and S. Ferreira.

Clepsis unicolorana (Duponchel, 1835)

BAL: Praia do Malhão, 12-V-2017, Marabuto, Grundy, Nunes, Silva and Jesus.

* *Clepsis coriacanus* (Rebel, 1894)

E: Alto dos Moinhos, 13-X-2014, Marabuto; Torres Vedras, 17-III-2016, Rosete; BL: Louriçal, 26-VII-2017, Rosete. An adventive species, originally from Canary Islands, first recorded in Europe in Gibraltar in 2006. Spain, Germany, England. [Larva polyphagous].

* *Clepsis peritana* (Clemens, 1860)

ALG: Corte do Gago, 20-V-2017, Jacinto; Pêra, 23-XII-2017, Cunningham, det. Corley. (Fig. 1). An adventive species, originally from North America, first recorded in Spain in 1998. Spain, Denmark. [Larva polyphagous, mainly on dead plant material, but also on buds and young leaves].

Cnephasia delnoyana Groenen & Schreurs, 2012

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira; BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Cnephasia stephensiana (Doubleday, 1849)

TM: Bobal, 3-VI-2017, larva on *Halimium*, reared, Nunes, det. Corley.

Cnephasia communana (Herrich-Schäffer, 1851)

DL: Praia de Mindelo, 24-IV-2017, Nunes, Silva and Jesus, det. Corley.

Acleris hyemana (Haworth, 1811)

E: Crastinha, São Pedro do Moel, 24-IV-2017, Rosete.

Phtheochroa simoniana (Staudinger, 1859)

BB: Monte Barata, 29-III-2017, Corley, Mata and S. Ferreira.

Phtheochroa rugosana (Hübner, 1799)

DL: Praia de Mindelo, 30-VI-2017, Nunes, Silva and Jesus, det. Corley.

Cochyylimorpha peucedana (Ragonot, 1889)

BAL: Monte Velho, larva on *Santolina impressa*, 14-V-2017, reared, Nunes, det. Corley.

Cochyylimorpha decolorella (Zeller, 1839)

DL: Praia de Mindelo, 24-IV-2017, Nunes, Silva and Jesus, det. Corley.

Aethes languidana (Mann, 1855)

BAL: Ribeira de Vale Cova, 28-III-2017, Corley and S. Ferreira.

Cochylidia heydeniana (Herrich-Schäffer, 1851)

BL: Quinta da Serra, larva 12-V-2017 in shoots of *Dittrichia viscosa*, reared, Nunes, det. Goodey.

Argyroploce unedana Baixeras, 2002

BL: Lagoa de São José, 1-VIII-2017, Rosete, det. Corley.

Lobesia botrana (Denis & Schiffermüller, 1775)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

* *Lobesia reliquana* (Hübner, 1825)

DL: Parque Biológico de Gaia, larva on *Rubus*, 17-IX-2017, reared 23-IV-2018, Nunes, det. Corley. (Fig. 2). Nearly all Europe, absent from parts of Balkans and Mediterranean islands. [Larva on *Quercus*, *Betula*, *Carpinus*, *Cornus sanguinea* and *Prunus spinosa*].

Endothenia marginana (Haworth, 1811)

BL: Corticeiro de Cima, 1-IX-2017, Rosete.

Ancylis obtusana (Haworth, 1811)

TM: Dine, 19-VII-2017, Corley and Nunes.

Ancylis apicella (Denis & Schiffermüller, 1775)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Eucosma cana (Haworth, 1811)

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

Notocelia incarnatana (Hübner, 1800)

DL: Praia de Mindelo, 30-VI-2017, Nunes, Silva and Jesus, det. Corley.

Pseudococcyx tessulatana (Staudinger, 1871)

TM: Estevais, 17-VII-2017, Corley and Nunes.

Retinia resinella (Linnaeus, 1758)

BAL: Praia do Malhão, 12-V-2017, Marabuto, Nunes, Silva and Jesus, conf. Corley. (Fig. 3).

Dichrorampha letarfensis Gibeaux, 1983

BB: Segura, praia fluvial, 30-III-2017, Corley, Mata and S. Ferreira.

Grapholita janthinana (Duponchel, 1843)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Pammene splendidulana (Guenée, 1845)

BAL: Moinhos de Paneiro, larva on *Quercus suber*, 14-V-2017, Nunes.

BRACHODIDAE

Brachodes gaditana (Rambur, 1866)

BL: Ansião, 3-VII-2017, Rosete.

COSSIDAE

Cossus cossus (Linnaeus, 1758)

BAL: Mértola, 1 km S. of, 9-V-2017, Grundy.

SESIIDAE

Chamaesphecia aerifrons (Zeller, 1847)

BA: Rossão, by day, 7-VI-2017, Rosete.

EPIPYROPIDAE

Ommatissopyrops lusitanicus Bivar de Sousa & Quartau, 1998

BAL: Ribeira de Torgal, 13-V-2017, Marabuto, Nunes, Silva and Jesus, det. Corley.

LIMACODIDAE

Hoyosia codeti (Oberthür, 1883)

BAL: Praia do Malhão, 12-V-2017, Marabuto, Grundy, Nunes, Silva and Jesus.

PYRALIDAE

Galleria mellonella (Linnaeus, 1758)

TM: Santa Luzia, 14-VII-2017, Corley, S. Ferreira and Mateus.

Hypsopygia incarnatalis (Zeller, 1847)

BL: Lagoa de São José, 28-VII-2017, Rosete.

Stemmatophora combustalis (Fischer von Röslerstamm, 1842)

BAL: Corte Sines, 8-V-2017, Grundy.

Hypsotropa vazquezi Gastón, Macià, Ylla & Huertas, 2016

BL: Ansião, 23-VII-2016, Rosete, det. Corley; BB: Monte Barata, 3-VI-2017, Lemos, comm. Nunes, det. Corley.

H. vulneratella was recently excluded from the Iberian fauna, see GASTÓN *et al.* (2016), with previous Portuguese records, all from Algarve, being assumed without examination to belong to the newly described *H. vazquezi* Gastón, Macià, Ylla & Huertas, 2016. The identity of Algarve records remains unconfirmed, but their assumption is likely to be correct.

Oncocera semirubella (Scopoli, 1763)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

* *Gymnancyla hornigii* (Lederer, 1852)

ALG: Praia da Mareta, Sagres, 5-IX-2017, Pires, det. Corley. Middle and southern Europe from Spain, France and Germany eastwards, absent from north and north-west Europe and Mediterranean islands. [Larva on *Atriplex* and *Chenopodium*].

Asalebria geminella (Eversmann, 1844)

BAL: Mértola, 1 km S. of, 9-V-2017, Grundy.

Epischmia illotella Zeller, 1839

BL: Pampilhosa do Botão, 29-VI-2017, Jesus, det. Corley.

Psorosa dahliella (Treitschke, 1832)

DL: São Miguel, Lousada, 7-VII-2017, R. Cardoso, det. Corley.

Acrobasis bithynella Zeller, 1848

BL: Porto de Mós, larva on *Cistus albidus*, 22-III-2017, adult 1-IX-2017, Nunes, det. Corley.

Acrobasis romanella (Millière, 1870)

BAL: Mértola, 27-III-2017, Corley.

Acrobasis advenella (Zincken, 1818)

DL: Valongo, larva on *Crataegus monogyna*, 17-IV-2017, reared, Nunes.

Metallostichodes nigrocyarella (Constant, 1865)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

(*) *Ancylosis sareptalla* (Herrich-Schäffer, 1861)

BL: Lagoa de São José, 27-VI-2017, Rosete, det. Corley. (Fig. 4). An earlier record of this species was rejected, see CORLEY *et al.* (2016). Southern Europe, extending north to Czech Republic. Larva unknown.

Ancylosis oblitella (Zeller, 1848)

DL: Praia de Mindelo, 26-V-2017, Nunes, Silva and Jesus, det. Corley.

Homoeosoma nimbella (Duponchel, 1837)

BAL: Moinhos de Paneiro, 12-V-2017, Marabuto, Nunes, Silva and Jesus, det. Corley.

Phycitodes bentinkella (Pierce, 1937)

BA: Poço do Inferno, 24-VII-2017, Corley and Nunes.

Phycitodes inquinatella (Ragonot, 1887)

TM: Dine, 19-VII-2017, Corley and Nunes.

CRAMBIDAE

Sitochroa palealis (Denis & Schiffermüller, 1775)

BAL: Ponta da Galhofa, 14-V-2017, Grundy.

Agrotera nemoralis (Scopoli, 1763)

DL: Madalena, larva on *Castanea sativa*, 6-VIII-2017, Nunes.

Cydalima perspectalis (Walker, 1859)

Third record. M: Midões, 16-VIII-2017, Carvalho, comm. Marabuto.

Dolicharthria aetnealis (Duponchel, 1833)

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

Anarpia incertalis (Duponchel, 1832)

BA: Albergaria, 24-VII-2017, Corley, Nunes and S. Ferreira.

Mesocrambus carectellus (Zeller, 1847)

BB: Monte Barata, 3-VI-2017, Lemos, comm. Nunes, det. Corley.

* *Hyperlais siccalis* (Guenée, 1854)

BAL: Praia do Malhão, 12-V-2017, Marabuto, Grundy, Nunes, Silva and Jesus; BL: Praia do Pedrogão, 17-VI-2017, Rosete. (Fig. 5). Spain, France. [Food-plant unknown].

DREPANIDAE

Thyatira batis (Linnaeus, 1758)

BB: Segura, praia fluvial, 30-III-2017, Corley, Mata and S. Ferreira.

LASIOCAMPIDAE

Trichiura ilicis (Rambur, 1866)

BB: Monte Barata, 29-III-2017, Corley, Mata and S. Ferreira.

GEOMETRIDAE

Idaea lusohispanica Herbulot, 1991

BAL: Mértola, 1 km S. of, 9-V-2017, Grundy.

Idaea nigrolineata (Chrétien, 1911)

Second and third records. TM: São Lourenço, 14-VII-2017, Corley and Nunes; Freixiel, 15-VII-2017, Corley, Nunes, S. Ferreira and Mateus.

Idaea incisaria (Staudinger, 1892)

BAL: Praia das Furnas, 15-V-2017, Grundy.

Idaea elongaria (Rambur, 1833)

BA: Poço do Inferno, 24-VII-2017, Corley and Nunes.

Idaea obsoletaria (Rambur, 1835)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Idaea robiginata (Staudinger, 1863)

BA: Picão, 22-VI-2017, Rosete.

Idaea lutulentaria (Staudinger, 1892)

BL: Ansião, 10-VI-2017, Rosete.

Idaea politaria (Hübner, 1799)

ALG: Sargaçal, 19-VI-2017, Valadares.

Idaea manicaria (Herrich-Schäffer, 1851)

Second and third records. BAL: Sobral da Adiça, 5-VI-2008, Corley, Marabuto and Rodrigues; Pulo do Lobo, eastern side, 19-V-2017, Grundy.

Idaea subsaturata (Guenée, 1858)

BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Idaea aversata (Linnaeus, 1758)

BAL: Ribeira de Torgal, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

Idaea deversaria (Herrich-Schäffer, 1847)

BAL: Ribeira de Torgal, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

Catarhoe basochesiata (Duponchel, 1831)

BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Euphyia frustata (Treitschke, 1828)

BA: Covão do Vidual, 23-VII-2017, Corley and Nunes.

Anticlea derivata (Denis & Schiffermüller, 1775)

ALG: Corte do Gago, 28-II-2017, Jacinto.

Nebula ibericata (Staudinger, 1871)

BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Perizoma flavofasciata (Thunberg, 1792)

TM: Ribeira do Mosteiro, 31-III-2017, Corley, Mata and S. Ferreira.

Eupithecia dodoneata Guenée, 1858

BB: Ribeiro da Azenha, 16-IV-2017, Sousa, det. Corley.

Eupithecia massiliata Millière, 1865

BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Eupithecia scopariata (Rambur, 1833)

BAL: Almogrove, 16-V-2017, Grundy.

Eupithecia innotata (Hufnagel, 1767)

TM: Santa Luzia, 14-VII-2017, Corley, S. Ferreira and Mateus.

Itame vincularia (Hübner, 1813)

BAL: Mértola, 1 km S. of, 9-V-2017, Grundy.

Petrophora chlorosata (Scopoli, 1763)

BAL: Praia do Malhão, 12-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

Perigune narbonea (Linnaeus, 1767)

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

* *Ecleora solieraria* (Rambur, 1834)

BAL: Mértola, 1 km S. of, 9-V-2017, Grundy. (Fig. 6). Spain, France. [Larva on *Juniperus* and *Cupressus*].

Hypomecis punctinalis (Scopoli, 1763)

BAL: Ribeira de Torgal, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

* *Tephronia espaniola* Schawerda, 1931

TM: Dine, 19-VII-2017, Corley, Nunes, S. Ferreira and Mateus. France, Spain. [Larva on lichens].

Cabera pusaria (Linnaeus, 1758)

BAL: Ribeira de Torgal, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

Comibaena bajularia (Denis & Schiffermüller, 1775)

ALG: Sargaçal, 23-V-2017, Valadares.

Phaiogramma etruscaria (Zeller, 1849)

BL: Praia do Pedrogão, 17-VI-2017, Rosete.

NOTODONTIDAE

Dicranura ulmi (Denis & Schiffermüller, 1775)

BB: Segura, praia fluvial, 30-III-2017, Corley, Mata and S. Ferreira.

Drymonia ruficornis (Hufnagel, 1766)

BB: Ribeiro da Azenha, 16-IV-2017, Sousa, det. Corley.

Peridea anceps (Goeze, 1781)

BB: Monte Barata, 29-III-2017, Corley, Mata and S. Ferreira.

EUTELIIDAE

Eutelia adalatrix (Hübner, 1813)

BAL: Praia das Furnas, 15-V-2017, Grundy.

EREBIDAE

Lymantria monacha (Linnaeus, 1758)

BAL: Ribeira de Torgal, 13-V-2017, larva, Grundy, Marabuto and Nunes.

Orgyia aurolimbata Guenée, 1835

TM: Freixiel, 15-VII-2017, Corley, Nunes, S. Ferreira and Mateus.

* *Thumatha senex* (Hübner, 1808)

TM: Cova da Lua, in actinic trap, 19-VII-2017, Corley, S. Ferreira and Mateus. All Europe except some Balkan countries and Mediterranean islands. [Larva on lichens].

Schranksia costaestrigalis (Stephens, 1834)

BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Eublemma parva (Hübner, 1808)

BL: Ilha da Murraceira, 14-VI-2017, Rosete.

Catocala mariana Rambur, 1858

BAL: Praia do Malhão, 12-V-2017, Marabuto, Grundy, Nunes, Silva and Jesus.

Clytie illunaris (Hübner, 1813)

BAL: Herdade do Pulo do Lobo, 11-V-2017, Grundy.

NOCTUIDAE

Acronicta psi (Linnaeus, 1758)

BAL: Ribeira de Torgal, larva, 13-V-2017, Grundy.

Craniophora ligustri (Denis & Schiffermüller, 1775)

DL: Praia de Mindelo, 26-V-2017, Nunes, Silva and Jesus.

* *Cucullia santolinae* Rambur, 1834

BAL: Lagoa de Santo André, larva on *Santolina impressa*, 14-V-2017, reared, Nunes. (Figs. 7, 8). Spain, France, Italy, Greece, Corsica, Sicily.

Calophasia almoravida Graslin, 1863

ALG: Cruzinha, 5-V-2017, Grundy and Banza.

Lophoterges millierei (Staudinger, 1871)

BL: Ansião, 20-V-2017, Rosete.

Bryonycta pineti (Staudinger, 1859)

BAL: Corte Sines, 8-V-2017, Grundy; BA: Poço do Inferno, 24-VII-2017, Corley and Nunes.

Callopietria juvenina (Stoll, 1782)

BAL: Moinhos de Paneiro, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus; BA: Ponte de Jugais, 25-VII-2017, Corley and Nunes.

Callopietria latreillei (Duponchel, 1827)

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

Bryophila raptricula (Denis & Schiffermüller, 1775)

BA: Poço do Inferno, 24-VII-2017, Corley and Nunes.

Polyphaenis sericata (Esper, 1787)

BAL: Herdade do Pulo do Lobo, 11-V-2017, Grundy.

Photodes minima (Haworth, 1809)

TM: Quintã, 13-VII-2016, Fernandes and Gonzalez, det. Corley.

Oligia versicolor (Borkhausen, 1792)

TM: França, 18-VII-2017, Corley and Nunes.

Agrochola meridionalis (Staudinger, 1871)

ALG: Sargaçal, 5-XII-2017, Valadares, conf. Corley.

Lacanobia thalassina (Hufnagel, 1766)

DL: Vairão, 31-V-2017, S. Ferreira, det. Corley.

Hadena magnolii (Boisduval, 1829)

BAL: Ribeira de Torgal, 13-V-2017, Grundy, Marabuto, Nunes, Silva and Jesus.

Hadena sancta (Staudinger, 1859)

E: Crastinha, São Pedro do Moel, 24-IV-2017, Rosete; BB: Quinta das Valsas, 29-III-2017, Corley, Mata and S. Ferreira.

Hadena silenides (Staudinger, 1895)

BB: Segura, praia fluvial, 30-III-2017, Corley, Mata and S. Ferreira.

Euxoa oranaria (Bang-Haas, 1906)

BAL: Ponta da Galhofa, 14-V-2017, Grundy.

NOLIDAE

Nola cicatricalis (Treitschke, 1835)

BAL: Moinhos de Paneiro, 13-V-2017, Marabuto, Nunes, Silva and Jesus.

Nola subchlamydula Staudinger, 1871

BAL: Moinho do Alferes, 25-III-2017, Corley and S. Ferreira.

Recent literature affecting the Portuguese Lepidoptera fauna

ANON (2017). The International Commission on Zoological Nomenclature has finally made a decision regarding the proposal to conserve *Maculinea* Eecke, 1915 over *Phengaris* Doherty, 1891. It has rejected the proposed conservation of *Maculinea*. The Portuguese species therefore becomes *Phengaris alcon* (Denis & Schiffermüller, 1775).

ARNSCHEID & WEIDLICH (2017) provide a new treatment of European Psychidae. Portuguese records of *Typhonia ciliaris* are referred to *T. melana* (Frivaldszky, 1837); *Brevantennia* is treated as a subgenus of *Dahlica*, with the Portuguese species *D. estrela* (Arnscheid, 2012). In the Distribution Catalogue, *Narycia duplicella* is omitted for Portugal, *Dahlica triquetrella* is given as present in Portugal but explicitly rejected in the main text and the Portuguese *Typhonia* species is still listed as *T. ciliaris*.

BUCHNER *et al.* (2017) include a new species *Agonopterix carduncelli* Corley, 2017 with holotype and paratypes from Portugal.

CORLEY (2017) describes a new species, *Chrysoclista soniae* from Serra da Estrela based on the specimen treated as *C. splendida* Karsholt, 1997 in CORLEY (2015).

CORLEY (2018) describes a new species, *Cacochroa rosetella* from Beira Litoral.

CORLEY & BUCHNER (2018) describe *Depressaria villosae* with holotype from Trás-os-Montes. This replaces *D. pimpinellae* Zeller, 1839 which was previously misidentified in Portugal.

CORLEY & FERREIRA (2017) describe the hitherto unknown female of *Isotrias penedana* Trematerra, 2013.

CORLEY *et al.* (2017a) record *Borkhausenia crinnodes* Meyrick, 1912 from Beira Litoral, new to Europe. This is a southern hemisphere species now established in Portugal.

CORLEY *et al.* (2018) add 32 species to the Portuguese fauna.

GASTÓN *et al.* (2017) describe a new species *Clepsis razowskii* which appears to have a wide distribution in the Iberian Peninsula. It has been overlooked as *C. consimilana* until now. The distribution of the two species in Portugal requires investigation.

GLOBIZ (NUSS *et al.*, 2003-2017), the online inventory of Pyraloidea, transfers the species formerly placed in *Pleuroptya* Meyrick, 1890 to genus *Patania* Moore, 1888. This follows ROSE & SINGH (1989) who resurrected the forgotten genus *Patania* and transferred eight Indian species into it. Their paper left considerable uncertainty as to whether all *Pleuroptya* species should be placed in *Patania*, so the Portuguese species were left in *Pleuroptya* in CORLEY (2015). The Portuguese species of *Patania* are *ruralis* (Scopoli, 1763) and *balteata* (Fabricius, 1798). The latter species was given as *Pleuroptya crocealis* (Duponchel, 1834) in CORLEY (2015) following the view of LERAUT (2012) that *crocealis* showed genitalia differences from *balteata*. More recently SLAMKA (2013) concluded that *crocealis* should be treated as a junior synonym of *balteata* as supposed genitalia differences were not significant.

HACKER *et al.* (2012) split eastern and western Mediterranean populations of *Nola chlamitulalis* (Hübner, 1813) into separate species. *N. infantula* Kitt, 1926 replaces *N. chlamitulalis* in the west.

HASLBERGER & SEGERER (2016) discuss the status of *Aporophyla lutulenta* and *A. lueneburgensis*, following work on barcodes, concluding that they are separate species. This conclusion is the opposite of that of ORHANT (2012) which was followed by CORLEY (2015), but it appears that ORHANT's work was flawed as he did not have true *lutulenta* available. The conclusion in CORLEY (2015) must therefore be reversed, with Portuguese material referred to *A. lueneburgensis*.

HUERTAS-DIONISIO *et al.* (2017) in describing the life histories of three *Sciota* species, point out that *S. rungsi* Leraut, 2002 is a junior synonym of *S. elegiella* (Zerny, 1928).

KAILA (2011) placed *Urodeta* in family Elachistidae. This was overlooked by CORLEY (2015).

LAŠTŮVKA & LAŠTŮVKA (2017) add *Coleophora gredosella* Baldizzone, 1985, *Coleophora changaica* Reznik, 1975 and *Brachodes laeta* (Staudinger, 1863) to the Portuguese fauna.

MARABUTO (2018) adds *Polyommatus celina* (Austaut, 1879) to the Portuguese list with useful comments on its status and identification; he also gives fuller data on several species previously listed for Portugal for the first time from Serpa in various earlier papers.

REGIER *et al.*, (2014) raise the subfamilies Dryadaulinae and Meessiinae of the Tineidae to family level as Dryadaulidae and Meessiidae.

TABELL (2017) describes *Coleophora septembra* with paratypes from Trás-os-Montes and Beira Alta.

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 due to 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 *Nola infantula* Kitt, 1926 replaces *Nola chlamitulalis* (Hübner, 1813) which HACKER *et al.* (2012) show to be absent from western Europe, but the new species retains the number 2577 in the checklist.

Dahlica Enderlein, 1912 (*Brevantennia* Sieder, 1953)

0114 *estrela* (Arnscheid, 2012)

0121 *Typhonia melana* (Frivaldszky, 1837) (*ciliaris auct. nec* Ochsenheimer, 1810)

0154.1 *Infurcitinea minuscula* Gozmány, 1960

- Metriochoera* Busck, 1900
0240.1 *latifoliella* (Millière, 1886)
Cameraria Chapman, 1902
0295.1 *ohridella* Deschka & Dimić, 1986
0409.1 *Borkhausenia crimnodes* Meyrick, 1912
0425.1 *Pleurota andalusica* Back, 1973
0444.1 *Agonopterix carduncelli* Corley, 2017
0475 *Depressaria villosae* Corley & Buchner, 2018 (*pimpinellae* auct. nec Zeller, 1839)
Cacochroa Heinemann, 1854
0479.1 *rosotella* Corley, 2018
0648.1 *Gelechia scotinella* Herrich-Schäffer, 1854
0719.1 *Elachista agelensis* Traugott-Olsen, 1996
0719.2 *Elachista heringi* Rebel, 1899
0722.1 *Elachista distigmatella* Frey, 1859
0725.1 *Elachista obliquella* Stainton, 1854
0747 *Chrysoclista soniae* Corley, 2017 (*splendida* auct. nec Karsholt, 1997)
0778.1 *Coleophora gredosella* Baldizzone, 1985
0779.1 *Coleophora septembra* Tabell, 2017
0800.1 *Coleophora changaica* Reznik, 1975
0816.1 *Coleophora turbatella* Toll, 1944
0902.1 *Mompha langiella* (Hübner, 1796)
0931 *Agdistis glaseri* Arenberger, 1978 (*bifurcatus* auct. nec Agenjo, 1952)
0969.1 *Epermenia ochreomaculella* (Millière, 1854)
1006.1 *Clepsis razowskii* (Gastón, Vives & Revilla, 2017)
1007.1 *Clepsis coriacanus* (Rebel, 1894)
1007.2 *Clepsis peritana* (Clemens, 1860)
1106.2 *Lobesia reliquana* (Hübner, 1825)
1212.2 *Brachodes laeta* (Staudinger, 1863)
Phengaris Doherty, 1891 (*Maculinea* Eecke, 1915)
1398 *alcon* (Denis & Schiffermüller, 1775)
1405.1 *Polyommatus celina* (Austaut, 1879)
1455 *Sciota elegiella* (Zerny, 1928) (*rungsi* Leraut, 2002)
1461.1 *Gymnancyla hornigii* (Lederer, 1852)
1526.1 *Ancylosis sareptalla* (Herrich-Schäffer, 1861)
Patania Moore, 1888 (*Pleuroptya* Meyrick, 1890)
1583 *ruralis* (Scopoli, 1763)
1584 *balteata* (Fabricius, 1798) (*crocealis* Duponchel, 1834)
1679.1 *Hyperlais siccalis* (Guenée, 1854)
Ecleora Wehrli, 1941
2003.1 *solieraria* (Rambur, 1834)
2022.1 *Tephronia espaniola* Schawerda, 1931
Thumatha Walker, 1866
2133.1 *senex* (Hübner, 1808)
2253.1 *Cucullia santolinae* Rambur, 1834
2433 *Aporophyla lueneburgensis* (Freyer, 1848) (*lutulenta* auct. nec Denis & Schiffermüller, 1775)
2577 *Nola infantula* Kitt, 1926 (*chlamilutalis* auct. nec Hübner, 1813)

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