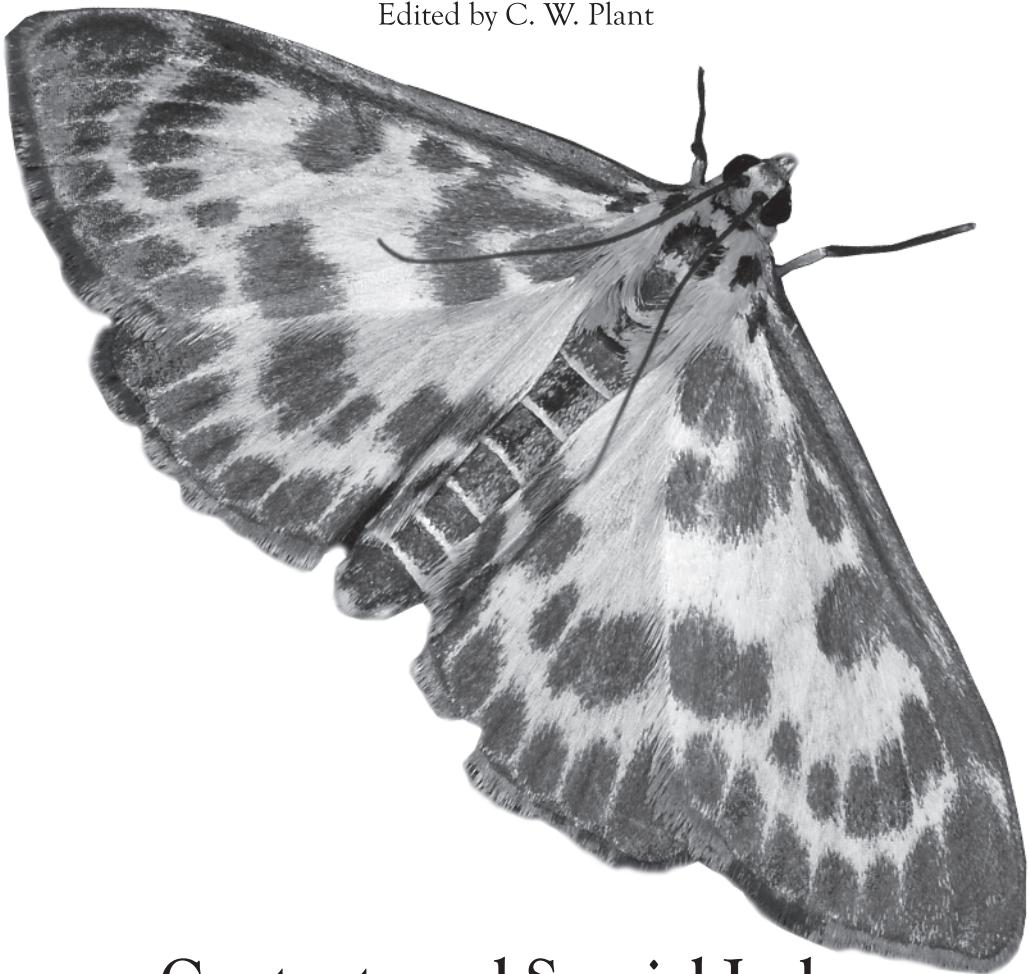


The  
**Entomologist's Record**  
and Journal of Variation

Edited by C. W. Plant



## Contents and Special Index

Volume 123

2011

ISSN 0013-8916

[www.entrecord.com](http://www.entrecord.com)

*A publication of The Amateur  
Entomologists' Society*

# THE ENTOMOLOGIST'S RECORD

## AND JOURNAL OF VARIATION

World List abbreviation: *Entomologist's Rec. J. Var.*

<http://www.entrecord.com>

Published by the Amateur Entomologists' Society  
UK Registered Charity number 2674302

Annual subscription for 2011 is £25 for individuals or £50 for institutional subscribers

### Editor

C.W. PLANT, B.Sc., F.R.E.S.

14 West Road, Bishops Stortford, Hertfordshire CM23 3QP.  
Telephone: 01279 507697 E-mail: [cpanuk1@ntlworld.com](mailto:cpanuk1@ntlworld.com)

### Who to contact

Material for publication, books for review, obituaries, advertisements – the Editor  
Subscriptions, change of address, etc – contact PO Box 8774, London SW7 5ZG  
Late or non-arrivals, back issues – contact PO Box 8774, London SW7 5ZG

### Back Issues

Volumes more than ten years old may be read at [www.biodiversitylibrary.org/bibliography/8408](http://www.biodiversitylibrary.org/bibliography/8408)

**Readers are respectfully advised that the publication of material in this journal does not imply that the views and opinions expressed therein are shared by the Editor or by the Amateur Entomologists' Society or by any party other than the named author or authours.**

### Guidelines for Contributors

The Editor welcomes contributions on British Isles Lepidoptera, on non-British Lepidoptera where likely to be of interest to British researchers and on other groups of British Insects for which specialist English language journals do not currently exist. We accept descriptions of new species. Other subject matter may be accepted entirely at the discretion of the Editor, whose decision is final.

Please follow the format in this issue. The Editor will be pleased to assist in any way possible, especially if you are a first-time author. If in doubt – contact me! Ideally material will be compatible with Microsoft Word and will arrive via e-mail, but we will accept typescripts or *neatly* hand-written contributions for shorter Notes.

Notes are reviewed and accepted by the Editor and are especially welcomed. We aim to publish these within two issues of acceptance.

Full papers must include an Abstract and a maximum of ten Key Words and acceptance is subject to external peer-review; full papers may be returned for changes before final acceptance and we aim to publish these within three or four issues of original receipt.

Colour or black and white photographs are welcomed but will only be used if they are deemed relevant by the Editor. All pictures, as well as graphs and other objects created in Excel or other programs must be sent as separate files. This is because files embedded in Word documents cannot be edited.

We now issue Pdf files in place of paper reprints. These are sent automatically to the first named author of Papers. Authors of Notes may request a Pdf of their contribution. Abstracts of Papers are published on our website.

Books for review must be sent to the Editor in the first instance. We do not normally accept unsolicited reviews by third parties.

### Data Protection Act, 1998

Subscribers' names, address, AES publications subscribed to and, where provided, e-mail addresses and telephone numbers, are stored on a computer database for the sole purpose of administering the publication and distribution of this journal. The information may be accessed by or sent to elected AES council members for AES business purposes, but will be used solely for the purposes of managing AES membership subscriptions and administering the Society. It will not be divulged to any third party without your permission except where the Society is legally obliged to do so. By subscribing to the *Entomologist's Record and Journal of Variation* you agree to these data storage conditions. If you object to us storing this data please let us know.

# CONTENTS

*compiled by Colin W. Plant and Andrew Smith*

## 1: PEER-REVIEWED PAPERS

### A

A new species of *Telenomus (Aholcus)* (Hym., Platygastroidea: Scelionidae) from Russia and the Ukraine. *James P. O'Connor and Patrick Ashe*, 190-194

A review of *Acleris umbrana* (Hb.) (Lep.: Tortricidae) in Great Britain since 1900. *R. J. Heckford*, 111-127

Adventive Brassolina (Lep.: Nymphalidae) in Britain and elsewhere. *C. Roger Bristow*, 235-237

### C

(The) Centenary of James William Tutt. *Anthony J. Pickles*, 201-205

### D

*Desertobia ankeraria* (Staudinger, 1861) (Lep.: Geometridae): a new genus and species for the Bulgarian fauna. *Stoyan Beshkov and Boyan Zlatkov*, 163-169

### I

(The) Immigration of Lepidoptera to the British Isles in 2008. *Sean P. Clancy*, 13-44

Insects Hybrids. *Bill Smyllie*, 213-217

### L

Long-term changes in the abundance and phenology of *Hoplia philanthus* (Fuessly) Col: Scarabaeidae at Silwood Park. *Chris R. Shortall and Georgie L.S. Timmis*, 195-198

### M

Macro-moths new to Bedfordshire (VC 30) since the publication of *The Butterflies and Moths of Bedfordshire* in 1997, with comments on some previously published records. *Melissa G. Banthorpe*, 242-246

Microlepidoptera Review of 2010. *J. R. Langmaid and M. R. Young*, 249-277

Moth Count Milestones. *Z. Randle, L. Hill and R. Fox*, 206-211

### N

New species of Megalodontesidae (Hym., Symphyta, Pamphilioidea) from North Africa and the Middle East. *Neil D. Springate, Daniel H. Burckhardt and Lawrie S. Springate*, 131-144

### O

On *Saturnia Pavonia* (Linnaeus, 1758) and *Saturnia Pavoniella* (Scopoli, 1763) (Lep.: Saturniidae). *Boyan Zlatkov*, 84-89

### R

Rediscovering *Muschampia tessellum* ([Hübner, [1803]]) (Lep.: Hesperiidae) in Bulgaria with additional notes on *M. cribrellum* (Eversmann, 1814) from the eastern Balkan (Stara Planina) mountains. *Kurt Hoejgaard & Stoyan Beshkov*, 147-150

Reinstatement of coppicing in neglected ancient woodlands benefits bumblebees, butterflies and grasshoppers in Essex. *Tim Gardiner*, 222-231

*Rhigognostis annulatella* (Curtis, 1832) (Lep.: Yponomeutidae) found inland and on two new larval foodplants, and a consideration of published larval descriptions. *R. J. Heckford and S. D. Beavan*, 279-282

## S

Southern Grass Emerald *Chlorissa cloraria* (Hübner, [1813]) (Lep.: Geometridae) new to the Channel Islands. *Philip H. Sterling and Peter D. M. Costen*, 1-11

Stages of *Olethreutes Arcuella* (Clerck, 1759) (Lep.: Tortricidae). *R. J. Heckford*, 64-69

## T

Two new species of Noctuidae (Lep.), subfamily Herminiinae, from Fiji. *John Clayton*, 185-189

## 2: NOTES

### A

A belated record of *Elaphropus* (formerly *Tachys*) *parvulus* (Dejean) (Col.: Carabidae) from West Sussex. *Richard A. Jones*, 51

A confusion of Orange Underwings *Archiearis parthenias* (L.) and *A. notha* (Hb.) (Lep.: Geometridae). *Les Hill, Phil Jenner and Colin W. Plant*, 93-95

A new UK food plant for *Ectoedemia subbimaculella* (Haw.) (Lep.: Nepticulidae). *Keith Palmer*, 285

A plea for research into the life history of *Prays* spp. (Lep.: Yponomeutidae). *David J. L. Agassiz*, 150-151

*Acleris abietana* (Hb.) (Lep.: Tortricidae) new to the Roxburghshire (VC 80) county list. *Philip J. L. Gould*, 241

Additions to the Macro-moth list of Huntingdonshire (vice-county 31) and other records of interest during the last decade. *Barry Dickerson*, 95-97

*Adela croesella* (Scop.) (Lep.: Adelidae): new to Hertfordshire. *Andrew Wood and Ben Sale*, 194

An early Streak *Chesias legatella* (D.&S.) (Lep.: Geometridae). *Roger Hayward*, 241

An unseasonal record of *Orthosia cerasi* (Fabr.) Common Quaker (Lep.: Noctuidae) in Surrey (VC 17). *L. J. Hill*, 283

### B

Broad-bordered White Underwing *Anarta melanopa* (Thunberg) (Lep: Noctuidae) records in the central Southern Uplands, including a first record for Selkirkshire (Vice-county 79). *Malcolm Lindsay*, 61

Brown-tail *Euproctis chrysorrhoea* (L.) (Lep.: Noctuidae) larvae feeding on Pedunculate Oak *Quercus robur* and Red Oak *Quercus rubra* in southern Britain. *Martin C. Townsend, Ralph Parks & Nittaya Lawrence*, 198-199

Brown-Tail Moth *Euproctis Chrysorrhoea* (L.) outbreak in South-East England. *Colin W. Plant*, 146

*Bucculatrix nigricomella* (Zell.) (Lep.: Bucculatrigidae) feeding in February. *Robert Homan*, 60

## C

- Callophrys rubi* (L.) ab. *dennisorum* Campbell ab. nov. (Lep.: Lycaenidae) Green Hairstreak: A new aberration discovered in Buckinghamshire. *Wendy Campbell*, 239-240
- Clay Triple-lines *Cyclophora linearia* (Hb.) (Lep.: Geometridae) in Ireland. *Mark Jeffares*, 110
- Cnephasia hellenica* Obraztsov, 1956 (Lep. Tortricidae: Tortricinae): an addition to the Bulgarian fauna. *H. E. Beaumont*, 90
- Corrigenda, 296
- Cydia indivisa* Danilevsky, 1963 (Lep.: Tortricidae) new to Britain and other interesting records from Bernwood Forest in Buckinghamshire. *Dave Wilton*, 46-49
- Cynaeda dentalis* ([D.&S.]) (Lep.: Crambidae), larvae found in Devon. *R. J. Heckford*, 231-232

## D

- Diplopseustis perieresalis* (Walker) (Lep.: Pyralidae) – two records in Bedfordshire. *David Manning*, 290

## E

- Ectoedemia sericeopeza* (Zell.) (Lep.: Nepticulidae): from obscurity to ubiquity? *Robert Homan and Ben Smart*, 286-289
- Edinburgh Pug *Eupithecia intricata millieraria* (Wnukowsky) (Lep.: Geometridae) – is this goodbye? *Roy Leverton*, 58-59
- Elephant Hawk-moth *Deilephila elpenor* (L.) (Lep.: Sphingidae) feeding at sugar. *Roy Leverton*, 11
- Encounters with GeoCaching. *Rob Ryan*, 294
- Entomologists I have known. *John F. Burton*, 170-181
- Epiblema tetragonana* (Stephens) (Lep.: Tortricidae) reared from Dog-rose *Rosa canina* in West Sutherland. *R. J. Heckford*, 154-155
- Evidence of *Sciota adelphella* (F. v. R) (Lep.: Pyralidae) breeding in northern Suffolk (VC 25). *Paul Kitchener*, 91-92

## F

- First instar *Chorthippus brunneus* (Thunberg) (Orth.: Acrididae) in October. *Raymond W. J. Uffen*, 54
- Further records of Platygastriidae (Hym.: Platygastroidea) from the Isle of Man. *P. N. Buhl and F. D. Bennett*, 61-63

## G

- Gastrophysa viridula* (De Geer) (Col.: Chrysomelidae) does still occur in Kent. *Richard A. Jones*, 50
- Gravid female Forester moth *Adscita statices* L. (Lep.: Zygaenidae) nectaring in a Peterborough garden and comments on some other unexpected reports. *Paul Waring*, 77-79

## H

- Helicoconis hirtinervis* Tjeder, 1960 (Neur.: Coniopterygidae) confirmed as a British species from Scotland. *David Pryce*, 145
- Hunting for *Hemaris tityus* (L.) (Lep.: Sphingidae) larvae. *Roy Leverton*, 246-247

## I

- Important Lepidoptera records from the Rothamsted Insect Survey light-trap at Starcross, Devon (VC 3) in 2009. *Philip J. L. Gould*, 12

Interesting and notable moth records for East Gloucestershire (VC 33) from Coln Park, 2008 to 2011. *Benedict John Pollard and Joshua Peter Twining*, 218-220

Interpretations on the display of the Ghost Moth *Hepialus humuli* L. (Lep.: Hepialidae) and the role of pheromones. *Nicholas Picozzi and Alison Espie*, 182-184

## L

Late records of an aberrant *Miltochrista miniata* (Forst.) Rosy Footman and *Eilema depressa* (Esp.) Buff Footman (Lep.: Arctiidae): in Dorset (VC 9). *Leslie J. Hill*, 55

## M

Man bitten by *Cardiastethus fasciiventris* (Garbiglietti) (Hem., Anthocoridae). *Rob Ryan*, 156

Maple Pug *Eupithecia inturbata* (Hübner) (Lep.: Geometridae) in Roxburghshire, the first confirmed Scottish records. *Roy Leverton, Andrew Bramhall and Andrew Fitchett*, 238-239

Marbled pug *Eupithecia irriguata* (Hb.) (Lep.: Geometridae) in Cumbria: A new county resident. *Stuart Colgate and Brian Hancock*, 155-156

*Mompha bradleyi* Riedl (Lep.: Momphidae) in East Suffolk. *Paul Kitchener*, 83

## N

New Lepidoptera Records for Kirkcudbrightshire (VC 73). *Euan A. M. MacAlpine*, 70-74

Notable Tortricidae recorded in West Norfolk – Spring 2011. *Jim Wheeler*, 290-291

Notes on Light Orange Underwing *Archaearis notha* (Hb.) (Lep.: Geometridae). *Roger Kemp*, 158

## O

*Oegoconia quadripuncta* (Haworth) (Lep.: Autostichidae) new to the Denbighshire (VC 50) county list. *Philip J. L. Gould*, 293

## P

*Pandivirilia melaleuca* (Loew, 1874) (Dipt.: Therevidae) new to Buckinghamshire. *Martin C. Harvey and Mark G. Telfer*, 278

*Peyerimhoffina gracilis* Schneider (Neur.: Chrysopidae) in West Sussex. *Tony Davis*, 80-81

*Philophorus cinnamopterus* (Kirschbaum) (Het. Miridae) in Edinburgh – a new species for Scotland. *Nick A. Littlewood*, 53-54

*Phtheochroa schreibersiana* (Frölich) (Lep.: Tortricidae) re-found in Britain in Buckinghamshire. *Peter R. Hall*, 107-110

Possible new sites for *Trichopteryx polycommata* ([D. & S.]) Barred Tooth-striped (Lep.: Geometridae) in Dorset (VC9). *L. J. Hill*, 153-154

## R

Recent moths new to the Isle of Wight. *Sam Knill-Jones*, 221

Revised names of UK butterflies. *Richard Fox and Simon Spencer*, 232-234

## S

Scottish records of the Water Ermine *Spilosoma urticae* (Esper) (Lep.: Arctiidae). *Nick J. Riddiford and Deryk Shaw*, 92-93

Small Ranunculus *Hecatera dysodea* (D.&S.) (Lep.: Noctuidae) larvae found in south-east Suffolk (VC 25). *Tony Prichard*, 212

Some notes on the “hauderi” form of *Caloptilia semifascia* (Haw.) in north-west Kent (Lep.: Gracillariidae). *Paul Sokoloff*, 291-293

Splendid Brocade *Lacanobia splendens* (Hb.) (Lep.: Noctuidae) on Shetland: The first for Scotland. *Paul Harvey*, 146

*Stathmopoda pedella* (L.) (Lep.: Stathmopodidae): new to East Gloucestershire (VC 33). *Benedict John Pollard*, 105-106

*Stathmopoda pedella* (Linnaeus, 1761) (Lep.: Oecophoridae), a micromoth new to East Gloucestershire (VC 33), with various accompanying notes on its ecology and conservation. *Benedict John Pollard*, 81-83

*Stigmella dryadella* (Hofmann) (Lep.: Nepticulidae) larvae in April and May. *Miss S. D. Beavan and R. J. Heckford*, 160-161

## T

Tamarisk Peacock *Chiasmia aestimaria* (Hb.) (Lep.: Geometridae) – a species new to Sussex. *Steven Teale*, 45-46

The Buff Footman *Eilema depressa* (Esper) (Lep.: Arctiidae) is the latest species to move into central Scotland. *John T. Knowler*, 220-221

The earliest known British mainland record of Jersey Mocha *Cyclophora ruficiliaria* (Herrich-Schäffer) (Lep.: Geometridae) in Dorset in 1996. *Martin Townsend*, 57-58

The habits of Dock Leaf Beetle *Gastrophysa viridula* (De Geer) (Col.: Chrysomelidae). *Keith N. A. Alexander*, 80

The hauderi form of *Caloptilia semifascia* (Haw.) in the London area (Lep.: Gracillariidae). *Colin W. Plant*, 159-160

The Jersey Tiger at light. *Tim Peet*, 284

The use of a car vacuum cleaner for collecting Hemiptera-Heteroptera from mosses. *Rob Ryan*, 161-162

The Vapourer *Orgyia antiqua* L. (Lep.: Lymantriidae), on the Channel Islands. *Philip J. L. Gould*, 50-51

The yellow ab. *lutescens* Stdgr. of the Jersey Tiger *Euplagia quadripunctaria* (Poda) (Lep.: Arctiidae) on Guernsey. *P. D. M. Costen and M. P. Lawlor*, 157-158

The yellow ab. *lutescens* Stdgr. of the Jersey Tiger *Euplagia quadripunctaria* (Poda) (Lep.: Arctiidae). *Roger Hayward*, 240-241

Two unseasonal records of *Orthosia gothica* (L.) Hebrew Character (Lep.: Noctuidae) in Dorset (VC 9). *L. J. Hill*, 283

Two unusual macro-moth records from Buckinghamshire. *Dave Wilton*, 51-53

## U

Unseasonal Common Quaker *Orthosia cerasi* Fabr. (Lep.: Noctuidae) in Middlesex (VC 21). *Debbie Pledge*, 282-283

Unusual refreshment for an Old Lady? Old Lady *Mormo maura* (L.) (Lep.: Noctuidae) drinking water. *Roger Hayward*, 221

*Valenzuela atricornis* McLachlan (Psocoptera: Caeciliusidae) new to Leicestershire and the East Midlands. *Keith N. A. Alexander*, 53

## W

Welsh Wave *Venusia cambrica* Curtis (Lep.: Geometridae) larva found on Alder *Alnus glutinosa*. *Roy Leverton*, 284-285

Winter Moth *Operophtera brumata* (L.) (Lep.: Geometridae) males surviving prolonged snow cover. *Roy Leverton*, 59-60

## **3: SUBSCRIBERS' NOTICES AND ANNOUNCEMENTS**

Brownfield Moth Special, 63

Brownfield Moth Special – Second call for contributions, 152

## **4: BOOK REVIEWS**

*Aphids – Aphidinae (Macrosiphini), Handbooks for the Identification of British Insects, Volume 2, Part 7*, 247-248

*British and Irish moths: an illustrated guide to selected difficult species* by Martin C. Townsend, Jon Clifton and Brian Goodey, 102-104

*British and Irish moths: an illustrated guide to selected difficult species: an important correction*, 152

*British Plume Moths*, 296

*Extreme Insects* by Richard Jones, 100-101

*Ladybirds (Coccinellidae) of Britain and Ireland*, 199-200

*Porritt's Lists* edited by H. M. Frost, H. E. Beaumont, T. J. Crawford, G. Fryer and C. S. V. Yeates, 99-100

*Porritt's Lists: missing information*, 152

*Provisional Atlas of the UK's Larger Moths* by Les Hill, Zoë Randle, Richard Fox and Mark Parsons, 55-56

*Pyraloidea (Lepidoptera) of Central Europe/Mitteleuropas* by František Slamka, 98-99

*Scorpions of the World* by Roland Stockman & Eric Ythier, 101-102

## **5: OBITUARIES**

Michael **Fibiger**, 128-130

Arthur H. B. **Rydon**, 74-76

## **6: CORRIGENDA**

Page 296

## 7: CONTRIBUTORS

Page number entries in **bold** refer to peer-reviewed papers; entries in ordinary type refer to Notes and other communications that have been refereed internally by the Editor and his colleagues. Where an author is not the first named of multiple authors, the page number entry is printed in italic type.

Agassiz David J. L.....	50-151	Lawlor M. P.....	157-158
Alexander Keith N. A.....	53; 80	Lawrence Nittaya .....	198-199
Ashe Patrick .....	<b>190-194</b>	Leverton Roy ....	11; 58-59; 59-60; 238-239; 246-247; 284-285
Bantherope Melissa G.....	<b>242-246</b>	Lindsay Malcolm .....	61
Beaumont H. E.....	90	Littlewood Nick A.....	53-54
Beavan S. D.....	160-161; <b>279-282</b>	MacAlpine Euan A. M.....	70-74
Bennett F. D.....	61-63	Manning David .....	290
Beshkov Stoyan .....	<b>147-150; 163-169</b>	O'Connor James P.....	<b>190-194</b>
Bramhall Andrew .....	238-239	Palmer Keith .....	285
Bristow C. Roger .....	<b>235-237</b>	Parks Ralph.....	198-199
Buhl P. N.....	61-63	Peet Tim .....	284
Burkhardt Daniel H.....	<b>131-144</b>	Pickles Anthony J.....	<b>201-205</b>
Burton John F.....	170-181	Picozzi Nicholas .....	182-184
Campbell Wendy .....	239-240	Plant Colin W.....	93-95; 146; 159-160
Clancy Sean P.....	<b>13-44</b>	Pledge Debbie.....	82-283
Clayton John.....	<b>185-189</b>	Pollard Benedict John .....	81-83; 105-106; 218-220
Colgate Stuart .....	155-156	Prichard Tony.....	212
Costen Peter D. M.....	<b>I-II; 157-158</b>	Pryce David .....	145
Davis Tony.....	80-81	Randle Zoe.....	<b>206-211</b>
Dickerson Barry .....	95-97	Riddiford Nick J.....	92-93
Espie Alison .....	182-184	Ryan Rob.....	156; 161-162; 294
Fitchett Andrew.....	238-239	Sale Ben .....	194
Fox R.....	<b>206-211</b>	Shaw Deryk .....	92-93
Fox Richard .....	232-234	Shortall Chris R.....	<b>195-198</b>
Gardiner Tim .....	<b>222-231</b>	Smart Ben .....	286-289
Gould Philip J. L.....	12; 50-51; 241; 293	Smyllie Bill.....	<b>213-217</b>
Hall Peter R.....	107-110	Sokoloff Paul .....	291-293
Hancock Brian.....	<b>155-156</b>	Spencer Simon.....	232-234
Harvey Martin C.....	278	Springate Lawrie S.....	<b>131-144</b>
Harvey Paul .....	146	Springate Neil D.....	<b>131-144</b>
Hayward Roger .....	221; 240-241; 241	Sterling Philip H.....	<b>1-11</b>
Heckford R. J.....	<b>64-69; 111-127; 154-155;</b> <b>160-161; 231-232; 279-282</b>	Teale Steven .....	45-46
Hill L. J.....	55; 93-95; 153-154; <b>206-211; 283; 283</b>	Telfer Mark G.....	278
Hoejgaard Kurt .....	<b>147-150</b>	Timmis Georgie L. S.....	<b>195-198</b>
Homan Robert .....	60; 286-289	Townsend Martin C.....	57-58; 198-199
Jeffares Mark .....	110	Twining Joshua Peter.....	218-220
Jenner Phil .....	93-95	Uffen Raymond W. J.....	54
Jones Richard A.....	50; 51	Waring Paul .....	77-79
Kemp Roger .....	158	Wheeler Jim.....	290-291
Kitchener Paul.....	83; 91-92	Wilton Dave .....	46-49; 51-53
Knill-Jones Sam.....	221	Wood Andrew .....	194
Knowler John T.....	220-221	Young M. R.....	<b>249-277</b>
Langmaid J. R.....	<b>249-277</b>	Zlatkov Boyan .....	<b>84-89; 163-169</b>

# SPECIAL INDEX

Compiled by Catherine Wellings

Taxa newly described in this volume are indexed in **bold type**.

Taxa new to, or newly recognised in, the British Isles and mentioned first  
in this volume are denoted by an asterisk.

	Page		Page
<b>LEPIDOPTERA</b>			
abbreviana, <i>Epinotia</i> .....	271	algae, <i>Cryphia</i> .....	27, 244, 296
abbreviata, <i>Eupithecia</i> .....	155	alni, <i>Acronicta</i> .....	220
abdominalis, <i>Argyresthia</i> .....	258	alpicola, <i>Parornix</i> .....	160
abietana, <i>Acleris</i> .....	241, 269	alpinana, <i>Dichrorampha</i> .....	273
abietaria, <i>Eupithecia</i> .....	23	alpinella, <i>Elachista</i> .....	262
abietella, <i>Dioryctria</i> .....	21, 276	alpinella, <i>Platyes</i> .....	19, 274
abscisana, <i>Lobesia</i> .....	73, 270	alstromeriana, <i>Agonopterix</i> .....	263
absinthii, <i>Cucullia</i> .....	96	amandus, <i>Polyommatus</i> .....	149
absoluta, <i>Tuta</i> .....	250, 265	amani, <i>Ectoedemia</i> .....	253
acaciae, <i>Satyrium</i> .....	148	ambigualis, <i>Scoparia</i> .....	274
acanthadactyla, <i>Amblyptilia</i> .....	73, 277	ambiguella, <i>Eupoecilia</i> .....	18
aceraria, <i>Alsophila</i> .....	164, 168	amplana, <i>Cydia</i> .....	18, 39, 58
aceris, <i>Stigmella</i> .....	254, 289	anachoreta, <i>Clostera</i> .....	24
acetosae, <i>Enteucha</i> .....	254	anatipennella, <i>Coleophora</i> .....	261
<i>Acleris</i> spp. ....	111-127	anceps, <i>Apamea</i> .....	219
acroxantha, <i>Tachystola</i> .....	263	angustella, <i>Nephopterix</i> .....	21, 277
acuminatana, <i>Dichrorampha</i> .....	273	angusticolella, <i>Emmetia</i> .....	254
acutellus, <i>Sclerocona</i> .....	19, 221, 250, 275, 277	angustiorana, <i>Ditula</i> .....	268
adelphella, <i>Sciota</i> .....	91-92	ankeraria, <i>Desertobia</i> .....	163-169
adippe, <i>Argynnis</i> .....	149	annularia, <i>Cyclophora</i> .....	22
adjectella, <i>Coleophora</i> .....	260	annulatella, <i>Rhigognostis</i> .....	260, 279-282
adustella, <i>Blastobasis</i> .....	266	anthyllidella, <i>Aproaerema</i> .....	72
advenaria, <i>Cepphis</i> .....	12, 24	antiopa, <i>Aglais</i> .....	22, 149
advenella, <i>Trachycera</i> .....	276	antiopa, <i>Nymphalis</i> =	
aegeria, <i>Pararge</i> .....	217, 222, 228	antiopa, <i>Aglais</i> .....	22, 149
aeratana, <i>Dichrorampha</i> .....	273	antiqua, <i>Orgya</i> .....	50-51
aerugula, <i>Nola</i> .....	26	aprilina, <i>Dichonia</i> .....	282
aestimaria, <i>Chiasmia</i> .....	14, 24, 45	arcania, <i>Coenonympha</i> .....	149
aethiops, <i>Xenolechia</i> .....	250, 264	arceuthata f. <i>intricata</i> , <i>Eupithecia</i> .....	58
affinis, <i>Bryotropha</i> .....	264	arcuella, <i>Olethreutes</i> .....	64-69, 269
agestis x artaxerxes, <i>Aricia</i> .....	213-217	arenella, <i>Agonopterix</i> .....	263
agestis, <i>Aricia</i> 148, 213-217, 227, 228, 229		argiolus, <i>Celastrina</i> .....	148, 228
aglaja, <i>Argynnis</i> .....	149	argyrana, <i>Pammene</i> .....	272
agnotana, <i>Pammene</i> .....	291	argyropeza, <i>Ectoedemia</i> .....	277
agrotina, <i>Elaphria</i> .....	14, 29	arion, <i>Phengaris</i> .....	148
albedinella, <i>Bucculatrix</i> .....	256	armigera, <i>Helicoverpa</i> .....	29, 40, 91
albersana, <i>Eucosmomorpha</i> .....	48	artaxerxes, <i>Aricia</i> .....	213-217
albicosta, <i>Coleophora</i> .....	261	aruncella, <i>Micropterix</i> .....	252
albidella, <i>Biselachista</i> .....	262	asbolaea, <i>Barea</i> .....	249, 263
albimacula, <i>Denisia</i> .....	262	asella, <i>Heterogena</i> .....	48
albipuncta, <i>Mythimna</i> .....	26, 96	asinalis, <i>Mecyna</i> .....	275
albireniiformis, <i>Raphiscopa</i> .....	186	aspersana, <i>Acleris</i> .....	269
albovenosa, <i>Simyra</i> .....	27	assectella, <i>Acrolepiopsis</i> .....	71, 260
albuginana, <i>Pammene</i> .....	291	assimilella, <i>Stigmella</i> .....	253
albula, <i>Meganola</i> .....	95	atalanta, <i>Vanessa</i> .....	34, 228
alceae, <i>Carcharodus</i> .....	148	athalia, <i>Melitaea</i> .....	149
alcyonipenella, <i>Coleophora</i> .....	261	atra, <i>Blastodacna</i> .....	221, 267
		atrella, <i>Eulamprotes</i> .....	264
		atricapitana, <i>Cochylis</i> .....	267

atricollis, Ectoedemia	252
atricomella, Elachista	262
atrifrontella, Ectoedemia	253
atriplicis, Trachea	27
atropos, Acherontia	24, 39, 41
aurago, Xanthia	282
aurana, Pammene	272
aurantiaria, Phigaliodes	164-168
aureatella, Micropterix	252
auretaea, Melitaea	149
auriciliella, Bohemannia	252
auricomia, Acronicta	27
autumnaria, Ennomos	24
autumnitella, Acrolepia	260
avellanella, Semioscopis	263
azaleella, Caloptilia	291
badia, Anatrachyntis	39
badiella, Depressaria	263
badiipennella, Coleophora	260
bankiana, Deltote	30, 40
basigutella, Stigmella	253
berberata, Pareulype	23
bergmanniana, Acleris	269
betulella, Coleophora	261
betuletana, Apotomis	270
betulicola, Caloptilia	256
bifasciana, Piniphila	269
bilbaensis, Aethes	14, 18
bilunana, Epinotia	270
binaevella, Phycitodes	277
binaria, Watsonalla	22
bipunctella, Ethmia	17, 91
bipunctidactyla, Stenoptilia	73, 277
biren, Papestra	95
bistriga, Cryptoblabes	276
biviella, Vitula	91
blanda, Hoplodrina	219
blandella, Caryocolum	265
blomeri, Discoloxia	95
boeticus, Lampides	21
boisduvaliella, Pima	91
bradleyi, Mompha	83, 266
brassicae, Pieris	228
britomartis, Melitaea	149
brizella, Aristotelia	91, 264
brongniardella, Acrocercops	257
brumata, Operophtera	59-60
brunneata, Itame	24, 91, 243
brunnichiana, Epinotia	271
caecana, Grapholita	272
caespitiella, Coleophora	262
cagnagella, Yponomeuta	259
cagnegella, Agyresthia	71
c-album, Polygraphia	149, 228
cambrica, Venusia	284-285
canapennella, Elachista	262
caniola, Eilema	25
caradjai, Oegoconia	293
cardamines, Anthocharis	228
cardui, Vanessa	34-35, 210, 228
carniolica, Zygaena	148
carphodactyla, Euleioptilus	277
carpinella, Parornix	257
cassiae, Opsiphantes	235
cassina, Opsiphantes	235, 236
cataluanalis, Antigastra	20
catharticella, Stigmella	254
cautella, Ephestia	39
centifoliella, Stigmella	253
centrago, Atethmia	52, 219
cerasana, Pandemis	268
cerasi, Orthosia	282, 283
cerasicolella, Phyllonorycter	257
cespitalis, Celypha	269
chaerophyllella, Epermenia	273
chalcites, Chrysodeixis	30, 244
chi, Antitype	207
chrysitis, Diachrysia	146
chrysolepidella, Eriocrania	252
chrysorrhoea, Euproctis	146, 198-199
cicatricella, Eriocrania	252
cicatricella, Haimbachia	19
cidarella, Bucculatrix	256
cilium, Spodoptera	14, 28
cinerella, Acompsia	221, 265
cinnamomeana, Pandemis	268
circe, Hipparchia	149
circellaris, Agrochola	83
circumvoluta, Myelois	73
clerkella, Lyonetia	260
climene, Esperarge	149
cloraria, Chlorissa	1-10
cloraria, Geometra	1
clypeiferella, Coleophora	262
cnicana, Aethes	267
comae, Timandra	219
comariana, Acleris	269
combinella, Pseudoswammerdamia	259
comparella, Phyllonorycter	258
complana, Eilema	221
compositella, Grapholita	272
compunctella, Swammerdamia	259
confusa, Macdunnoughia	14, 30-31, 40, 91
conicolana, Cydia	273
conjugella, Argyresthia	259
consimilana, Clepsis	268
consortella, Cosmiotes	71
continuella, Stigmella	253
conturbatella, Mompha	266
convolvuli, Agrius	35-36
conwagana, Pseudargyrotoza	268
conyzae, Coleophora	261
coronata, Phlyctaenia	275
corrosus ssp. tamarindi, Opsiphantes	235
corylana, Pandemis	268

coryli, Phyllonorycter	257
corylifoliella, Phyllonorycter	257
costalis, Hypsopygia	276
costella, Scrobipalpa	72, 265
costipunctana, Epiblema	272
crassa, Agrotis	26
crassalis, Hypena	31, 95
crataegella, Scythropia	259
crataegi, Aporia	14, 21
cribellum, Muschampia	147-150
cribrumalis, Macrochilo	97
cristana, Acleris	116, 269
croceus, Colias	34
crocicapitella, Monopis	255
croesella, Adela	194
cuculata, Catarhoe	97
culmella, Chrysoteuchia	274
cupressella, Argyresthia	258
curtisellus, Prays	151
curvatula, Drepana	22
curvella, Argyresthia	71
cyaneimarmorella, Stenoptinea	255
cynosbatella, Epiblema	271
cytisella, Monochroa	264
daphne, Brenthis	149
daucella, Depressaria	263
deauratella, Coleophora	261
deauratella, Oegoconia	293
decorella, Carpatolechia	265
defoliaria, Erannis	164 - 168
degeneraria, Idaea	23
delunella, Eudonia	73, 274
demaryella, Bucculatrix	256
dennisorum ab. rubi, Callophrys	239-240, 296
dentalis, Cynaeda	231-232
denticulella, Callisto	257
depressa, Eilema	55, 73, 220 - 221
despicata, Pyrausta	275
dia, Boloria	149
didyma, Melitaea	149
directive, Argyresthia	258
dilutella, Pemperiella	276
diminutana, Ancyclus	270
dispar, Lymantria	25, 91
ditella, Haplotinea	255
divisella, Mompha	83
dodecea, Ethmia	17, 48, 264
dodecella, Exoteleia	264
dodonaea, Tischeria	254
dodoneata, Eupithecia	73, 155, 220
domestica, Bryotropha	71
dominula, Callimorpha	97, 244
drurella, Chrysoesthia	264
dryadella, Stigmella	160-161
dubiella, Tinea	256
dubitana, Cochylis	267
dubitella, Phyllonorycter	257
duplicana, Cydia	47
duplicana, Laspeyresia	47
duplicella, Narycia	255
dysodea, Hecatera	96, 212, 243
electa, Catocala	14, 31
elpenor, Deilephila	11
emargana, Acleris	269
emberzaepenella, Phyllonorycter	258
ericella, Crambus	274
ericinella, Aristelia	264
eriphia, Antichloris	243
erminea, Cerura	39, 41
eroides, Polyommatus	148
erxlebella, Roeslerstammia	256
erythrocephala, Conistra	27
esperella, Phyllonorycter	257
euphorbia, Hyles	24
euphyrosyne, Boloria	149
eurema, Trifurcula	253
evonymella, Yponomeuta	259
exclamationis, Agrotis	217
exigua, Spodoptera	28, 91
expallidata, Eupithecia	243
exsiccata, Tathorhynchus	14, 31
exoleta, Xylena	59
extimalis, Evergestis	19, 275
extrema, Chortodes	97, 244
fagiglandana, Cydia	273
falconipennella, Caloptilia	256, 292
falsella, Catoptria	274
fasciana, Pammene	272
faunus, Ochlodes	148
ferrugalis, Udea	33
ferrugana, Acleris	269
festaliella, Schreckensteinia	273
filicivora, Psychooides	255
fimbrialis, Thalera	22
flagella, Diurnea	263
flammea, Trigonophora	27
flavalis, Mecyna	19
flavicutput, Spuleria	267
fluxa, Chortodes	28
forficella, Donacaulea	77
formosa, Pempelia	276
formosana, Enarmonia	272
formosanus, Lozotaeniodes	268
forsterana, Lozotaenia	268
fovealis, Duponchella	20, 39, 41, 91, 276
fraternana, Epinotia	48, 271
fraternella, Caryocolum	265
fraxinella, Prays	150-151, 259
fraxini, Catocala	31, 39
freyerella, Cosmiotes	262
friesei, Ocnerostoma	259
frischella, Coleophora	261
fucosa, Amphipoea	95
fugitivella, Carpatolechia	265
fuliginaria, Parascotia	31, 96, 209, 244

fulviguttella, Phaulernis	273
fumatella, Chionodes	72, 265
funebrana, Grapholita	272, 291
furfurana, Bactra	73
fusca, Pyla	276
fuscalis, Opsibotys	275
fuscantaria, Ennomos	219
fuscatella, Lampronia	254
fuscocuprella, Coleophora	260
galathea, Melanargia	149
gallii, Hyles	24, 39, 96
gamma, Autographa	31, 38-39, 146
gangabella, Elachista	48, 262
geniculea, Agriphila	274
genitalana, Cnephasia	269
gerningana, Philedone	268
giganteana, Pammene	48, 272, 291
gigantella, Schoenobius	77, 274
gilvata, Uresiphita	275
glabratella, Argyresthia	48, 258
glareosa, Egnorisma	97
glaucoicella, Coleophora	262
glauuinella, Argyresthia	259
glutinosae, Stigmella	254
gothica, Orthosia	217, 283
granella, Nemapogon	255
granitana, Epinotia	271
grisella, Achroia	276
griseola, Eilema	221
grossulariata, Abraxas	146
grotiana, Epagoge	268
haasi, Plutella	250, 260
hartigiana, Cymolomia	39
hastata, Rheumaptera	48
hastiana, Acleris	113, 116, 117, 119, 269
hauderi Caloptilia	159-160, 291-293
hauderi, Calybites	159, 292
haworthii, Celaena	12
hecate, Brenthis	149
hellenica, Cnephasia	90
helveticaria f. intricata, Eupithecia	59
hemerobiella, Coleophora	261
heparana, Pandemis	268
hepariella, Zelleria	259
hepatica, Lithophane	220, 245
heraclei, Depressaria	263
heracliana, Agonopterix	263
heringella, Ectoedemia	253
heringi, Ectoedemia	253
heydeniana, Cochylidia	267
hilarella, Phyllonorycter	257
hirtaria, Lycia	219
hortulata, Eurrhypara	275
hospes, Proxenus	14, 28-29
hostis, Phyllonorycter	221, 257
humuli, Hepialus	182-184, 219
hylaeiformis, Pennisetia	242
hyperantus, Aphantopus	227, 228, 229
icarus, Polyommatus	148, 213-217, 228
icteritia, Xanthia	282
ignorata, Pammene	272
ilicis, Satyrium	148
illioneus, Caligo	235, 236
illutana, Cydia	46, 273
immundana, Epinotia	270
incarnatana, Epiblema	73
incarnatella, Rhigognostis	260
incerta, Orthosia	217
incognitella, Stigmella	253
indivisa, Cydia*	46-49, 249, 273
ino, Brenthis	149
instabilella, Scrobipalpa	72, 265
internana, Grapholita	272
interrogationis, Syngrapha	91
interruptana, Grapholita	47
intricata, Eupithecia	58-59
inturbata, Eupithecia	238-239
io, Aglais	228, 234
io, Inachis	228
epsilon, Agrotis	37, 51
irriguata, Eupithecia	155-156
irrorella, Yponomeuta	259
isertana, Zeiraphera	271
isodactylus, Platyptilia	277
italica, Metalampra	262
itea, Vanessa	21
jacobaeae, Tyria	219
janiszewskae, Sorhagenia	267
janthinana, Grapholita	73, 272
josephinae, Pseudatemelia	263
juncicella, Coleophora	261
jungiella, Grapholita	273
junoniella, Phyllonorycter	257
jurtina, Maniola	149, 217, 228
juvernica, Leptidea	233
kadenii, Platyperigea	28, 40, 91, 244
kleemannella, Phyllonorycter	258
kuehniella, Ephestia	21
lacteana, Bactra	73, 270
lacteella, Mompha	266
lacticella, Blastobasis	266
lacustrata, Dipleurina	274
laetana, Aencylis	290
laetus, Crombrugghia	40
laevigatella, Argyresthia	71, 258
laichartingella, Diplodoma	255
lancealis, Perinephela	275
langiella, Mompha	266
lapidella, Luffia	255
laricella, Coleophora	261
larseniella, Syncopacma	265
lassella, Coleophora	262
laterana, Acleris	269
lathonia, Issoria	22, 149
lathoniellus, Crambus	274
lautella, Phyllonorycter	257

leautieri, <i>Lithophane</i>	83	lychnidis, <i>Agrochola</i>	83, 219
lecheana, <i>Ptycholoma</i>	268	maccana, <i>Acleris</i>	117
legatella, <i>Chesias</i>	241	machaon, <i>Papilio</i>	21
lemnata, <i>Cataclysta</i>	275	macilenta, <i>Agrochola</i>	83
lemniscella, <i>Stigmella</i>	253	maculana, <i>Epinotia</i>	271
leucogaster, <i>Ochropleura</i>	26, 39	magdalena, <i>Stigmella</i>	254
leucographa, <i>Cerastis</i>	243	malvae, <i>Pyrgus</i>	148
leucographella, <i>Phyllonorycter</i>	257	manniana, <i>Phalonidia</i>	72, 218
leucophaeana var. <i>hastiana</i> , <i>Acleris</i>	116	mannii, <i>Pieris</i>	148
leucotreta, <i>Thaumatomotibia</i>	18	margaritella, <i>Catoptria</i>	274
leuwenhoeckella, <i>Pancalia</i>	267	marginaria, <i>Phigaliodes</i>	164-168
licarsialis, <i>Herpetogramma</i>	14, 20	marginipunctata, <i>Scopula</i>	244
lichenea, <i>Polymixis</i>	95	maritima, <i>Bucculatrix</i>	71, 256
lichenella, <i>Dahlica</i>	255	maritimella, <i>Coleophora</i>	71
lienigianus, <i>Ovendenia</i>	277	maritimus, <i>Chilodes</i>	77, 219
lienigiella, <i>Cosmopterix</i>	250, 267	fusculella, <i>Incurvaria</i>	254
limbata, <i>Evergestis</i>	19	maura, <i>Mormo</i>	221
limbirena, <i>Ctenoplusia</i>	14, 30	mayrella, <i>Coleophora</i>	71, 261
limosipennella, <i>Coleophora</i>	260	melanopa, <i>Anarta</i>	61
linearia, <i>Cyclophora</i>	110	mellonella, <i>Galleria</i>	276
lineola, <i>Eudonia</i>	274	memnon, <i>Caligo</i>	235, 236
lineolea, <i>Coleophora</i>	261	mendica, <i>Diaphora</i>	146
literana, <i>Acleris</i>	290	menu ssp. <i>telamonius</i> , <i>Caligo</i>	236, 237
lithoxyla, <i>Apamea</i>	219	mercurella, <i>Eudonia</i>	274
littoralis, <i>Lobesia</i>	270	metallella, <i>Antispila</i>	255
litura, <i>Agrochola</i>	219	metis, <i>Apatura</i>	148
livornica, <i>Hyles</i>	14, 24, 40	metzneriella, <i>Metzneria</i>	71, 264
lixella, <i>Coleophora</i>	261	micalis, <i>Tebenna</i>	14, 16-17
ljungiana, <i>Argyrotaenia</i>	268	micana, <i>Olethreutes</i>	269
lobarzewski, <i>Grapholita</i>	273	micella, <i>Argolamprotes</i>	264
locupletella, <i>Mompha</i>	72, 266	microgrammana, <i>Cydia</i>	273
loganella, <i>Parornix</i>	257	millefoliata, <i>Eupithecia</i>	243
logiana, <i>Acleris</i>	269	millenniana, <i>Cydia</i>	273
longicaudella, <i>Ectoedemia</i>	48	millieraria f. <i>intricata</i> , <i>Eupithecia</i>	58-59
loreyi, <i>Mythimna</i>	14, 26	miniata, <i>Miltochrista</i>	55
lota, <i>Agrochola</i>	83	minimella, <i>Ectoedemia</i>	253
lotella, <i>Anerastia</i>	276	minimella, <i>Nemophora</i>	255
lotella, <i>Leucoptera</i>	260	minimus, <i>Cupido</i>	148
lousiella, <i>Ectoedemia</i>	286	miniosa, <i>Orthosia</i>	26, 244
lubricipeda, <i>Spilosoma</i>	219	molcicula, <i>Cochylis</i>	267
lucens, <i>Amphipoea</i>	28	monodactyla, <i>Emmelina</i>	73, 277
lucida, <i>Acontia</i>	30	muelleriella, <i>Phyllonorycter</i>	257
lucidella, <i>Monochroa</i>	71	mulinella, <i>Mirificarma</i>	265
luctuata, <i>Spargania</i>	23	murana, <i>Eudonia</i>	274
lueneburgensis, <i>Aporophyla</i>	95	muscerda, <i>Pelosia</i>	25
lunaedactyla, <i>Marasmarcha</i>	277	myrtillana, <i>Ancylis</i>	270
lunaris, <i>Minucia</i>	31	myrtillana, <i>Rhopobota</i>	271
lunula, <i>Calophasia</i>	244	naevana, <i>Rhopobota</i>	271
lunulana, <i>Grapholita</i>	273, 277	nana, <i>Cochylis</i>	267
lunularia, <i>Selenia</i>	24	nanana, <i>Epinotia</i>	271
lusciniaeplacella, <i>Coleophora</i>	277	napi, <i>Pieris</i>	148, 228
lutarea, <i>Metroites</i>	260	nebulata, <i>Euchoreca</i>	23, 284
lutealis, <i>Udea</i>	275	nebulella, <i>Paraswammerdamia</i>	259
lutescens ab. <i>quadripunctaria</i> ,		nemoralis, <i>Agrotera</i>	20, 276
<i>Euplagia</i>	157-158, 240	nervosa, <i>Agonopterix</i>	264
luteum, <i>Spilosoma</i>	219	neuropterella, <i>Metzneria</i>	264
lutosa, <i>Rhizedra</i>	219	neustria, <i>Malacosoma</i>	190, 198
luzella, <i>Lampronia</i>	254	ni, <i>Trichoplusia</i>	14, 244

nigra, Gelechia	265
nigrana f. hastiana, Acleris	117
nigricana, Cydia	273
nigricana, Epinotia	270
nigricomella, Bucculatrix	60, 221, 256
niobe, Argynnis	149
nisella, Epinotia	270
nitentella, Scrobipalpa	72
niveicostella, Coleophora	261
noctuella, Nomophila	32, 33-34, 275
notatella, Carpatolechia	265
notha, Archiearis	93-95, 158
nubiferana, Heda	269
nubilalis, Ostrinia	19, 275
nymphaea, Elophila	275
oblittella, Aencyclosis	21
obscurana, Pammene	272, 290
obscurepunctella, Perittia	262
obsitalis, Hypena	31
obsoleta, Mythimna	73, 218, 244
obsoletella, Scrobipalpa	72
obstipata, Orthonama	35, 91
occulta, Eurois	26, 39-40, 91
ocellana, Agonopterix	263
ocellea, Euchromius	13, 14, 18, 39
ochrata, Idaea	23
ochrodactyla, Platyptilia	277
ochroleucana, Heda	269
ochsenheimeriana, Pammene	272
oehlmanniella, Incurvaria	254
ohridella, Cameraria	258, 287, 289
oleae, Prays	14, 17, 250, 259
oleastrella, Zelleria	14, 17
olerella, Depressaria	263
omoscopa, Opogona	16, 40
ononidis, Parectopa	257
oppressana, Gypsonoma	271
orbifer, Spialia	148
orbitella, Coleophora	48
orichalcea, Cosmopterix	266
orichalcea, Thysanoplusia	30,
orobana, Grapholita	277
otregiata, Lampropteryx	95
oxyacanthea, Allophyses	83, 282
oxyacanthella, Stigmella	254
pactolana, Cydia	47, 107, 109, 273
padella, Yponomeuta	259
palealis, Sitochroa	19
pallescentella, Tinea	256
pallida, Eudonia	73, 274
pallidata, Evergestis	275
palpellus, Aplota	263
palpina, Pterostoma	220
paludis ssp. fucosa, Amphipoea	95
paludum, Buckleria	277
pamphilus, Coenonympha	149
pandora, Argynnис	149
paphia, Argynnис	149, 222, 230
pappiferella, Coleophora	261
parasitella, Ephestia	277
parenthesella, Ypsolopha	259
parthenias, Archiearis	93-95
partita, Galgula	14, 29
parva, Eublemma	30
pascuella, Crambus	274
pavonia, Saturnia	84-89
pavoniella, Saturnia	84-89
pectinea, Incurvaria	254
pedella, Stathmopoda	81-83, 105-106, 218, 266
pellionella, Tinea	256
peltigera, Heliothis	14, 29, 40
pennaria, Colotois	283
peregrin, Prays	17
peribenanderi, Coleophora	261
perieresalis, Diplopseustis	14, 20, 275, 290
perlella, Crambus	274
permixtana, Gynnidiomorpha	267
perpygmaeella, Stigmella	253
persicariae, Melanchra	219
perspectalis, Diaphania	14, 20, 250, 276
petraea, Arabadopsis	250
phasianipenella, Calybites	256
phlaeas, Lycaena	222, 227, 228, 229
phragmitella, Limnaecia	72
phragmitidis, Arenostola	73
pinella, Catoptria	274
pinguinialis, Aglossa	276
pini, Dendrolimus	22
pinivorana, Rhyacionia	272
plagiolella, Stigmella	253
platani, Phyllonorycter	257
platanoidella, Phyllonorycter	258
plebejana, Crocidosema	271
plexippus, Danaus	22
plumbana, Dichrorampha	73
plumbella, Yponomeuta	259
plumigeralis, Pechipogo	31
podalirius, Iphiclides	14, 21
podana, Archips	268
politella, Bryotropha	264
polychloros, Nymphalis	21-22, 149
polychoros, Aglais	21-22, 149
polycommata, Trichopteryx	153-154
polygonalis, Uresiphita	19
polygrammata, Costaconvexa	23, 242
polyodon, Actinotia	27
populi, Laethoc	217
porcellus, Deilephila	11, 52
postvittana, Epiphyas	268, 283
potentillella, Scythris	267
praeangusta, Batrachedra	266
pratella, Crambus	73
Prays spp.	150-151
procera, Bisigna	262
processionea, Thaumetopoea	24, 58, 198

prometheus, <i>Caligo</i> .....	236
pronuba, <i>Noctua</i> .....	26
prosperina, <i>Prosperinus</i> .....	45
prunalis, <i>Udea</i> .....	275
pruniana, <i>Hedya</i> .....	269
prunifoliae, <i>Coleophora</i> .....	260
psi, <i>Acronicta</i> .....	219
pterodactyla, <i>Stenoptilia</i> .....	277
pulcherrimella, <i>Depressaria</i> .....	263
pulchrimella, <i>Cosmopterix</i> .....	267
pulchropalpis, <i>Raphiscopa</i> .....	185-188
pulicariae, <i>Digitivalva</i> .....	260
pullana, <i>Endothenia</i> .....	270
pumicana, <i>Cnephasia</i> .....	268
punctistigmata, <i>Raphiscopa</i> .....	186-189
punctum, <i>Zygaena</i> .....	148
puppillaria, <i>Cyclophora</i> .....	14, 22, 57-58
purdeyi, <i>Clavigesta</i> .....	272
purpuralis, <i>Pyrausta</i> .....	275
purpurea, <i>Agonopterix</i> .....	71, 263
pygmaeana, <i>Epinotia</i> .....	270
pygmaella, <i>Argyresthia</i> .....	259
pygmaeola, <i>Eilema</i> .....	25
pyralella, <i>Scoparia</i> .....	274
pyramidea, <i>Amphipyra</i> .....	220
pyri, <i>Saturnia</i> .....	242
pyritooides, <i>Habrosyne</i> .....	219
quadra, <i>Lithosia</i> .....	25-26
quadrimaculana, <i>Endothenia</i> .....	270
quadripuncta, <i>Oegoconia</i> .....	266, 293
quadripunctaria, <i>Euplagia</i> .....	26, 157-158,
	240, 243, 284, 296
quercana, <i>Carcina</i> .....	263
quercifoliella, <i>Phyllonorycter</i> .....	257
quercus, <i>Favonius</i> .....	230, 233
quercus, <i>Neozephyrus</i> .....	230
quinquella, <i>Ectoedemia</i> .....	253
rapae, <i>Pieris</i> .....	213-217, 228
raschiella, <i>Mompha</i> .....	266
ratzeburgiana, <i>Zeiraphera</i> .....	271
reali, <i>Leptidea</i> .....	233
reaumurella, <i>Adela</i> .....	255
rebeli, <i>Blastobasis</i> .....	266
recurvalis, <i>Spoladea</i> .....	20, 276
regiana, <i>Pammene</i> .....	272
resplendella, <i>Heliozela</i> .....	255
reticularis, <i>Diasemia</i> .....	275
retusa, <i>Ipimorpha</i> .....	244
rhombana, <i>Acleris</i> .....	73, 269
rhomboidea, <i>Xestia</i> .....	245
rhomboidella, <i>Hypatima</i> .....	265
ribearia, <i>Deileptenia</i> .....	152
roborea, <i>Epiblema</i> .....	155, 272
roborella, <i>Phycita</i> .....	276
robusta, <i>Pandesma</i> .....	244
robustana, <i>Bactra</i> .....	73
rorrella, <i>Yponomeuta</i> .....	17, 259
rosaecaolana, <i>Epiblema</i> .....	155
rosana, <i>Archips</i> .....	268
roxelana, <i>Kirinia</i> .....	149
rubi, <i>Diasria</i> .....	146
rubi, <i>Macrothylacia</i> .....	97
rubigana, <i>Aethes</i> .....	267
rubiginata, <i>Scopula</i> .....	23
rubiginea, <i>Conistra</i> .....	244
rubiginosana, <i>Epinotia</i> .....	271
rubivora, <i>Ectoedemia</i> .....	253
rubricollis, <i>Atolmis</i> .....	97, 220
rufescens, <i>Helcystogramma</i> .....	265
ruficeps, <i>Prays</i> .....	150 - 151
ruficiliaria, <i>Cyclophora</i> .....	14, 23, 57-58
rufimitrana, <i>Zeiraphera</i> .....	271
rufocinerea, <i>Elachista</i> .....	262
ruminicis, <i>Acronicta</i> .....	219
ruricolella, <i>Nemapogon</i> .....	255
rustica f. <i>fraxinella</i> , <i>Prays</i> .....	151
rusticata, <i>Idaea</i> .....	23
sacraria, <i>Rhodometra</i> .....	35, 40, 91
sagitella, <i>Phyllonorycter</i> .....	258
sakhalinella, <i>Stigmella</i> .....	254
salaciella, <i>Opostega</i> .....	254
salicis, <i>Leucoma</i> .....	25, 39
salicorniae, <i>Coleophora</i> .....	262
salicella, <i>Phyllonorycter</i> .....	257
saligna, <i>Phyllocnistis</i> .....	258
salinella, <i>Scrobipalpa</i> .....	72, 265
salopiella, <i>Eriocrania</i> .....	252
samiatella, <i>Stigmella</i> .....	253
sangii, <i>Eriocrania</i> .....	252
sarcitrella, <i>Endrosis</i> .....	263
saturatella, <i>Coleophora</i> .....	261
saucia, <i>Peridroma</i> .....	14, 37
sauciana, <i>Aptomis</i> .....	270
saxicolella, <i>Coleophora</i> .....	71, 261
scabrella, <i>Ypsolopha</i> .....	259
schalleriana, <i>Acleris</i> .....	117
schoenicolella, <i>Glyphterix</i> .....	258
schreibersiana, <i>Argyrolepia</i> .....	108
schreibersiana, <i>Hysterosia</i> .....	108
schreibersiana, <i>Phtheochroa</i> .....	107-110,
	250, 267
schulziana, <i>Olethreutes</i> .....	269
scirpi, <i>Biselachista</i> .....	71
scolopacina, <i>Apamea</i> .....	220
scopariella, <i>Phyllonorycter</i> .....	257
scoticella, <i>Parornix</i> .....	257
scotinella, <i>Gelechia</i> .....	265
scribaliella, <i>Cosmopterix</i> .....	266
scutulana, <i>Epiblema</i> .....	272
sehestadiana, <i>Prochoreutis</i> .....	258
selasella, <i>Agriphila</i> .....	274
selene, <i>Actias</i> .....	22
selene, <i>Boloria</i> .....	149
semele, <i>Hipparchia</i> .....	149
semiargus, <i>Cyaniris</i> .....	148
semicostella, <i>Sophronia</i> .....	265

semifascia, Caloptilia	159-160, 291
semifasciana, Apotomis	73, 270
semipurpurella, Eriocrania	252
semirubella, Oncocera	20
senencionana, Clepsis	268
septembrella, Ectoedemia	253
sequella, Ypsolopha	220, 260
sericeopeza, Ectoedemia	252, 286-289
servillana, Cydia	291
sexalata, Pterapherapteryx	218
sexguttella, Chrysoesthia	71, 264
sibiricus, Dendrolimus	190
signatana, Epinotia	271
silacea, Ecliptopera	219
silvella, Crambus	19
similella, Denisia	262
similella, Elegia	276
similis, Bryotropha	264
simpliciana, Dichrorampha	273
sinapis, Leptidea	148
siterata, Chloroclysta	283
sociana, Gypsonoma	271
sociella, Aphomia	276
sodaliana, Phtheochroa	267
sordidana, Epinotia	271
sorcorula, Eilema	25, 243
sparganii, Archanara	95, 245
sparrmannella, Eriocrania	252
sparsana, Acleris	72, 269
spartiella, Anarsia	72, 265
spectrana, Clepsis	72, 268
sphinx, Asteroscopus	219
splendens, Lacanobia	146
sponsa, Catocala	31, 41
stagnana, Rhopobota	271
stagnata, Nymphula	275
statices, Adscita	48, 77-79
steinkellneriana, Semioscopis	263
stellatarum, Macroglossum	32, 36, 39, 210
stephensi, Dystebenna	267
stephensiana, Cnephasia	268
sternipennella, Coleophora	71
sticticalis, Loxostege	58, 91
stigmatella, Caloptilia	256
stratiotata, Parapoynx	73, 275
striatella, Isophrictis	264
striatipennella, Coleophora	261
strigana, Lathronympha	272
strigilata, Pechipogo	48
strigulatella, Phyllonorycter	257
stroilella, Niditinea	256
subarcuana, Ancylis	270
subbimaculella, Ectoedemia	285
subbistrigella, Mompha	72
subcinerea, Platynedra	265
subocellana, Epinotia	270
subocellea, Elachista	262
subsequana, Acroclita	271
subsequana, Epinotia	270
subsericeata, Idaea	97
sulphurella, Esperia	263
suspectana, Pammene	272
sylvanus, Ochlodes	227, 228
sylvestrella, Dioryctria	21, 276
tages, Erynnis	148
tamarindi ssp. tamarindi, Opsiphanes	235
tamarindi, Opsiphanes	235, 236
tamesis, Coleophora	71
tantillaria, Eupithecia	155
tedella, Epinotia	270
telamonius, Caligo	236
templi, Dasypolia	245
tenebrosa, Dryobotodes	14, 27
tenebrosana, Grapholita	272
tenerana, Epinotia	270
tenerella, Phyllonorycter	221, 257
terebrella, Assara	21
terminella, Mompha	266
terrealis, Algedonia	275
tessellum, Muschampsia	147-150
tetragonana, Epiblema	154-155
tetragonella, Monochroa	264
thoracella, Bucculatrix	256
thrasonella, Glyphipterix	258
tiliae, Stigmella	253
tithonus, Pyronia	217, 228
tityrus, Hemaris	246-247
torquatella, Atemelia	259
transversa, Eupsilia	59
tricolorella, Caryocolum	265
trifasciata, Argyresthia	258
trifolii, Discreta	26
trigeminella, Coleophora	260
trigonella, Epinotia	73, 271
trimaculana, Epiblema	271
trimaculata, Stegania	14, 23
trinotella, Tinea	71, 256
triplasia, Abrostola	96
tripuncta, Telechrysia	263
trisignaria, Eupithecia	243
tritophus, Notodontida	245
trivia, Melitaea	149
truncicolella, Eudonia	274
trychiata, Oxydia	190
tumidana, Conobathra	20
turbidana, Apotomis	270
turbidella, Ectoedemia	252
uddmanniana, Epiblema	73, 271
uliginosellus, Crambus	73, 274
ulmaria, Stigmella	253
ulmella, Bucculatrix	71
ultimaria, Eupithecia	23
ultimella, Depressaria	263
umbellana, Agonopterix	264

umbrana, Acleris	111-127
uncella, Aencylis	270
undalis, Hellula	19
unguicella, Aencylis	221
unimaculella, Eriocrania	252
unipuncta, Mythimna	38, 40
unipunctella, Phyllocnistis	258
unitella, Batia	262
upupana, Aencylis	48
urella, Ochsenheimeria	260
urticae, Aglais	228
urticae, Spilosoma	92
ustella, Ypsolopha	259
vaccinii, Conistra	.59, 282
valerianata, Eupithecia	243
variatella Nemapogon	255
variegana, Acleris	.73, 269
vectisana, Gynnidiomorpha	72
velocella, Aroga	72
verhuella, Psychooides	255
versurella, Coleophora	261
verticalis, Sitochroa	275
vetusta, Xylena	.27, 91
v-flava, Oinophila	16
viburnana, Aphelia	.72, 268
villica, Arctia	218
virgata, Phibalapteryx	242
virgaureae, Coleophora	261
viridana, Tortrix	269
viridata, Chlorissa	1-10
viridata, Nemoria	1-10
viscerella, Stigmella	254
vitellina, Mythimna	37-38, 40, 91, 244
vitrata, Maruca	275
vitrealis, Palpita	.20, 39, 276
wagae, Teleiodes	264
w-album, Satyrium	.222, 227, 228, 229
weaverella, Monopis	255
weaveri, Ectoedemia	253
weirana, Strophedra	272
wilkella, Eulamprotes	264
wolffella, Nemapogon	255
xenia, Phyllocnistis	258
xylosteana, Archips	.268
xylostella, Plutella	.32-33, 51
yeatiana, Agonopterix	.71, 264
zelleri, Aphomia	276
zeuxippus ssp. zeuxippus, Caligo	236
zeuxippus, Caligo	236
zieglerella, Cosmopterix	266
zinckenella, Etiella	.276
 <b>COLEOPTERA</b>	
Clivinia fossor	.50
Elaphropus parvulus	51
Gastrophysa viridula	.50, 80
Hoplia philanthus	195-198
Longitarsus dorsalis	.50
Microplontus triangulum	.50
Necrodes littoralis	218
Polydrusus formosus	.50
Scaphidema metallicum	.50
Zacladus exiguus	.50
 <b>DIPTERA</b>	
Epistrophe grossulariae	.217
Episyphus balteatus	.217
Eristalis tenax	.217
Myathropa florea	.217
Pandivirilia melaleuca	.278
 <b>HEMIPTERA</b>	
Acalypta carinata	.161
Acalypta parvula	.161
Agramma laetum	.161
Anthocoris nemorum	.156
Campylosteira verna	.161
Cardiastethus fasciiventris	.156
Cyphostethus tristriatus	.54
Deraecoris ruber	.294
Deraecoris scutellaris	.162
Gastrodes abietum	.162
Lycotocoris campestris	.156
Philophorus cinnamopterus	.53-54
Plinthus brevipennis	.162
Reduvius personatus	.156
Thyreocoris scarabaeoides	.161
 <b>HYMENOPTERA</b>	
Biorhiza pallida	.291
Bombus hortorum	.228, 229
Bombus lapidarius	.228, 229
Bombus lucorum	.227, 228
Bombus pascuorum	.228, 229
Bombus terrestris	.227, 228
Bombus vestalis	.228, 229
Euxestonotus pini	.62
Leptacis coryphe	.62
Megalodontes bucephalus	.139
Megalodontes capitalatus	.139
Megalodontes cephalotes	.134
<b>Megalodontes crassicornis</b>	.131, 133-134
Megalodontes escalerai	.132, 138, 141
Megalodontes eversmanni	.138
Megalodontes fabricii	.142, 143
Megalodontes flabellicornis	.141
Megalodontes gratiosus	.139
<b>Megalodontes guichardi</b>	.131, 137-138
<b>Megalodontes huddlestonei</b>	.131, 138-139
Megalodontes jucundus	.138
Megalodontes luteiventris	.141
<b>Megalodontes quinlini</b>	.131, 140-141
Megalodontes reitteri	.138
Megalodontes turcicus	.134
<b>Megalodontes weiffenbachi</b>	.131, 141-143

Meteorus ictericus.....	124
Platygaster cf. inermis .....	62
Platygaster cf. splendidula .....	62
Platygaster cf. zigrida .....	62
Platygaster pelias .....	62
Platygaster tubulosa .....	62
Synopeas aceris.....	62
Synopeas breve .....	62
Synopeas craterus .....	62
Synopeas jasius.....	63
Synopeas lugubre.....	63
Synopeas manense .....	63
Synopeas ventrale .....	63
Telenomus coilus.....	190-194
Telenomus kononovae .....	191, 192, 193
Telenomus xeneus .....	191, 192
Tranosemella praerogator .....	124
Trichacis pisis .....	63
<b>NEUROPTERA</b>	
Helicoconis hirtinervis.....	145
Peyerimhoffina gracilis.....	80
<b>ORTHOPTERA</b>	
Chorthippus brunneus.....	54
Chorthippus parallelus .....	228, 229, 230
Metrioptera roeselii.....	222, 228, 229, 230
Pholidoptera griseoaptera .....	228, 229
<b>PSOCOPTERA</b>	
Valenzuela atricornis.....	53

