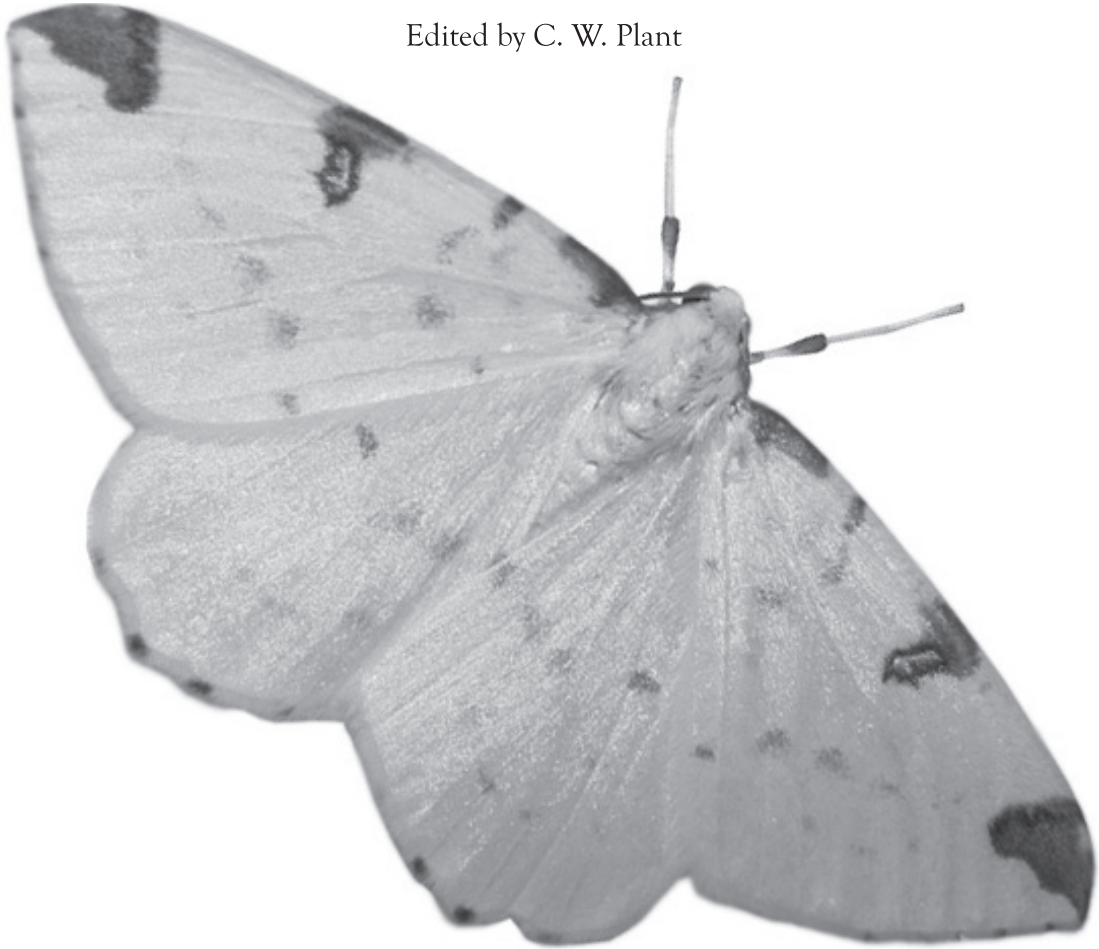


The  
**Entomologist's Record**  
and Journal of Variation

Edited by C. W. Plant



**Contents and Special Index**

Volume 122

2010

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 2010 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/Facsimile: 01279 507697 E-mail: [cpauk1@ntlworld.com](mailto:cpauk1@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

**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 authors.**

### 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 genus and species of Telenominae (Hym., Platygastroidea: Scelionidae) from Italy. *Giovanni Mineo, James P. O'Connor and Patrick Ashe, 267-271*
- A note on the early stages of *Olethreutes schulziana* (Fabricius, 1776) (Lep.: Tortricidae). *R. J. Heckford, 191-194*
- An examination of the status of *Diachrysia stenochrysis* (Warren, 1913) and its possible occurrence in Britain as a sibling of *D. chrysitis* (L.) (Lep.: Noctuidae). *Colin W. Plant, 128-136*
- An initial study of the feeding and egg-laying preferences of bark dwelling Psocids (Psocoptera) using composite bark blocks. *Robert E. Saville, 35-42*

### B

- Barea asbolaea* (Meyrick, 1833) (Lep.: Oecophoridae *sensu stricto*): an adventive moth new to the British fauna. *Laurie Oakes, Helen Oakes, Jon Clifton and Colin W. Plant, 185-190*
- British distribution of *Aricia* Lep.: Lycaenidae. *Bill Smyllie, 74-84*
- Butterfly diversity from a sequential survey. *Robert Myler and Laurence M. Cook, 23-27*

### C

- Celypha woodiana* (Barrett) (Lep.: Tortricidae) – An update. *Mark Parsons and James McGill, 49-52*
- (The) changing moth and butterfly fauna of Britain – the first decade of the twenty-first century (2000-2009). *Mark Parsons, 13-22*
- Cnephasia pumicana* (Zeller, 1847) (Lep.: Tortricidae) stat. rev. newly recognised as British. *John L. Langmaid and David J. L. Agassiz, 137-142*
- Contribution to the Bulgarian macrolepidoptera fauna (Lepidoptera: Geometridae, Noctuidae). *Stoyan Beshkov, 175-181*

### F

- Further British records of *Baryproctus barypus* (Marshall) (Hym.: Braconidae) from North Kent with notes on variation. *Laurence Clemons, 209-212*

### G

- Gorgyra stewarti* sp.nov. – a surprising new Skipper butterfly from Cameroun and the Democratic Republic of Congo (Lep.: Hesperidae). *Torben B. Larsen, 55-58.*

### I

- Insects of Waveney Forest (Fritton Warren) in East Norfolk. *Tim Gardiner, 155-162*

### M

- Microlepidoptera Review of 2009. *J. R. Langmaid and M. R. Young, 233-253*

## N

Notes on the early stages of The Triangle *Heterogenea asella* ([D. & S.], 1775) (Lep.: Limacodidae). *R. J. Heckford, B. P. Henwood and S. D. Beavan, 97-111*

## O

Observations on the use of wing-markings and genitalia to distinguish Dark-Barred Twin-Spot Carpet *Xanthorhoe ferrugata* (Cl.) and Red Twin-Spot Carpet *X. spadicearia* ([D. & S.]). (Lep.: Geometridae) and on the implications for recording these species. *Martin Townsend, 120-127*

## P

Perching and patrolling continuum at favoured hilltop sites on a ridge: a mate location strategy by the Purple Emperor butterfly *Apatura iris*. *R. J. C. Page, 61-70*

Plumbeous Spruce Tortrix *Cymolomia hartigiana* (Saxesen, 1840) (Lep.: Tortricidae) new to the British Isles. *Matthew J. Deans and Jon Clifton, 8-11*

*Ponera testacea* (Emery, 1895) (Hym.: Formicidae) new to Britain from Dungeness, East Kent. *P. J. Attewell, C. A. Collingwood and A. Godfrey, 112-119*

Population size and dispersal ability of *Cryptocephalus nitidulus* (Linnaeus, 1758) (Col.: Chrysomelidae). *R. W. Piper and S. G. Compton, 257-264*

## T

Tortricid moths new to the Bulgarian and European fauna (Lepidoptera: Tortricidae). *Boyan Zlatkov and Yuriy Budashkin, 87-92*

Two changes in nomenclature within the genus *Acrotrichis* Motschulsky (Col.: Ptiliidae) from Sri Lanka and Panama. *Colin Johnson, 43-44*

Two new species of Noctuidae (Lepidoptera), Subfamilies Hypenodinae and Hypenidae, from Fiji. *John Clayton, 219-223*

## 2: NOTES

### A

A further occurrence of the antlion *Euroleon nostras* (Geoffr. in Fourcroy) (Neur.: Myrmeleontidae) in Norfolk. *Ian Mills and Dave Hipperson, 271*

A record of *Cydia inquinatana* (Hb.) (Lep.: Tortricidae) from Suffolk. *Jeff B. Higgott and Robin M. Harvey, 199-201*

A record of *Sciota hostilis* Stephens (Lep.: Pyralidae) from Kent and some notes on its occurrence in the county. *P. J. Jewess, 167-168*

A striking aberrant form of *Catocala nupta* (L.) (Lep.: Noctuidae). *Gerard Band, 144-145*

A tale of two Water Bugs: *Notonecta glauca* L., 1758 and *Corixa iberica* Jansson, 1981 (Heteroptera). *Nick J. Riddiford, 204-206*

An alternative to slide-mounting for moth genitalia. *Richard Dickson, 32-33*

Autumn migration of the Painted lady *Vanessa cardui* (L.) (Lep.: Nymphalidae). *Peter Oliver, 183*

### B

Biology of *Phytomyza* (*Chromatomyia*) *aprilina* Goureau, 1851 (Dip.: Agromyzidae). *Keith P. Bland, 230-231*

*Bucculatrix maritima* (Stt.) (Lep.: Bucculatricidae) feeding in October at two English sites. *Robert Homan, 279-280*

## C

- Caloptilia leucapennella* (Stephens) (Lep.: Gracillariidae) at Jealott's Hill, Berkshire. *Ian Sims*, 195-196
- Calybites phasianipennella* (Hb.) (Lep.: Gracillariidae) larvae in Berkshire. *Ian Sims*, 172-173  
Chestnuts galore. *Mark Cubitt*, 197-199
- Cosmopterix zieglereella* (Hb.) (Lep.: Cosmopterigidae) in east Berkshire, an update. *Ian Sims*, 59
- Cosmopterix zieglereella* (Hb.) (Lep.: Cosmopterigidae) in Staffordshire: A new moth to the West Midlands area. *Jon and Ad Clifton*, 42
- Crombrugghia laetus* (Zell.) (Lep.: Pterophoridae) new to Ireland. *Tony Bryant and K. G. M. Bond*, 34
- Cydia pactolana* (Zeller 1840) (Lep.: Tortricidae): new to Buckinghamshire. *Peter Hall*, 146-147

## D

- Devon Carpet *Lampropteryx otregiata* (Metcalfe) and Tree-lichen Beauty *Cryphia algae* (Fabr.): Two new macro moth species in Huntingdonshire (VC 31). *Barry Dickerson*, 52
- Devon Carpet *Lampropteryx otregiata* (Metcalfe) (Lep.: Geometridae) in Suffolk – an update. *Jeff B. Higgott*, 4
- Devon Carpet *Lampropteryx otregiata* (Metcalfe) (Lep.: Geometridae) in Warwickshire. *David C. G. Brown*, 4
- Devon Carpet *Lampropteryx otregiata* (Metcalfe) (Lep.: Geometridae) – new for Buckinghamshire in 2009. *Dave Wilton*, 4-5
- Diaphania perspectalis* (Walker, 1859) (Lep.: Crambidae) in Hertfordshire. *James Fish and Julian Reeves*, 203-204
- Discestra trifolii* (Hufn.) (Lep.: Noctuidae), the Nutmeg in West Sutherland. *Stephen Palmer*, 153

## E

- Ectoedemia amani* Svensson (Lep.: Nepticulidae) in Bedfordshire (VC 30), and a review of the current British records. *D. V. Manning and B. Dickerson*, 207-208
- Ectoedemia longicaudella* Klimesch, 1953 (Lep.: Nepticulidae) new to Britain. *Peter Hall*, 112  
Editorial Comment on *Rhamphus oxyacanthae*. *Colin W. Plant*, 30
- Enemies of figwort weevils *Cionus* sp. (Col.: Curculionidae). *Ross Piper*, 84-86
- Ethmia quadrillella* Goeze (Lep.: Ethmiidae) on the Channel Islands – a correction. *Philip J. L. Gould*, 224
- Extreme mothing: Capture of three White-spotted Pinion moths *Cosmia diffinis* (L.) (Noctuidae) at light in Bedfordshire during four hours of pouring rain and other recent news of this UK Biodiversity Action Plan Priority Species. *Paul Waring*, 53-54

## F

- Footman moths (Lep.: Arctiidae, Lithosiinae) in a Berkshire garden 2007 to 2009, with special reference to the Hoary Footman *Eilema caniola* (Hb.). *Roger Hayward*, 2-3

## H

- Hazards of butterfly collecting – killing an African skipper (*Papilio flesus* Fabricius, 1781 = *Sarangesa aza* Evans, 1951 syn. nov.). *Torben B. Larsen*, 163-166
- Hazards of butterfly collecting. Oxyliides faunas and informal distance learning – Ghana, 2005. *Torben B. Larsen*, 5-7
- Hymenaphorura nova* Pomorski, 1990 (Collembola: Onychiuridae) in the hyporheos of a karstic river: a new species and genus for the UK in a novel habitat. *P. J. A. Shaw, M. Dunscombe and A. Robertson*, 213-215

## I

- Important records from the Rothamsted Estate, Harpenden, Hertfordshire (VC 20) in 2009. *Philip J. L. Gould*, 254-256
- Important records from the Rothamsted Insect Survey light-trap on Guernsey 2008. *Philip J. L. Gould*, 28-29
- Interesting Lepidoptera in Devon during 2009. Roy McCormick, 33-34

## J

- Juniper shieldbug *Cyphostethus tristriatus* (Fabr.) (Het.: Acanthosomatidae) in Perthshire, Scotland. *D. Horsfield*, 154

## K

- Key jangling – a little known technique for calming agitated moths. *Charles Fletcher*, 93

## L

- Lepidoptera mines on Evergreen Oak *Quercus* sp. in Huntingdonshire. *Barry Dickerson, Andy Banthorpe and Melissa Banthorpe*, 162-163
- Lindenia tetraphylla* (Vander Linden, 1825) (Odonata: Gomphidae) a new genus and species for the Bulgarian fauna. *Victor Gashtarov and Stoyan Beshkov*, 272-274
- Lyme Grass *Chortodes elymi* (Tr.) (Lep.: Noctuidae) in both Lancashire Vice Counties, 59 and 60. *Stephen Palmer*, 229

## M

- Macro Moth Status Changes in West Lothian (VC 84). *Mark Cubitt*, 148-153
- Moths new to the Isle of Wight in 2009. *Sam Knill-Jones*, 5

## N

- Nephoterix angustella* (Hb.) (Lepidoptera: Pyralidae) new to Ireland. *Tony Bryant*, 266
- Northern Rustic *Standfussiana lucerneae* (L.) (Lep.: Noctuidae): new to Suffolk. *Matthew J. Deans*, 60
- Notable British barkfly (Psocoptera) observations in 2008 and 2009. *R. (Bob) E. Saville*, 170-172
- Notes on *Cionus scrophulariae* (L.) (Col.: Curculionidae). *Clive R. Curtis*, 265-266

## O

- Observations on Winter Moths *Operophtera brumata* (L.) (Lep.: Geometridae) during the winter of 2009-2010. *Dafydd Lewis*, 94-95
- On the distribution of *Propomacrus bimacronatus* (Pallas, 1781) (Col.: Euchiridae) in Bulgaria. *Rostislav Bekchiev and Boyan Zlatkov*, 274-275

## P

- Pammene fasciana* (L.) (*juliana* [Steph.] (Lep.: Tortricidae): a review of the historical and current status in Scotland. *Matthew J. Deans*, 173-174
- Pammene giganteana* (Peyerimhoff, 1863) (Lep.: Tortricidae) new to Buckinghamshire (VC 24). *Dave Wilton*, 147
- Peyerimhoffina gracilis* (Schneider (Neur.: Chrysopidae) – fourth British locality. *Colin W. Plant*, 278-279
- Phyllonorycter muelleriella* (Zeller, 1839) (Lep.: Gracillariidae) in Glamorgan (VC 41). *David Slade*, 195

*Prays peregrina* Agassiz, 2007 (Lep.: Yponomeutidae) – a further record from north-west Kent. *Paul Sokoloff*, 207

*Pseudatemelia flavifrontella* (D. & S.) (Lep.: Oecophoridae) new to Huntingdonshire, VC 31. *Philip J. L. Gould*, 213

## R

*Rhamphus oxyacanthae* (Marsham) (Col.: Curculionidae) reared from Pear *Pyrus communis*. *Robert Homan*, 29-30

## S

Second record of the Clay Fan-foot *Paracolax* Fabr. (Lep.: Noctuidae) for Dorset, VC 9. *Philip J. L. Gould*, 276-277

*Stegania cararia* (Hb.) (Lep.: Geometridae) at Merriott, Somerset – the first record for mainland Britain. *David Evans*, 11-12

*Stigmella samiatella* (Zell.) (Lep.: Nepticulidae) bred from Oak *Quercus robur*. *Charles H. Fletcher*, 73

## T

The ant-lion *Euroleon nostras* (Geoffroy in Fourcroy, 1785) (Neur.: Myrmeleontidae): New to Essex. *Jerry Bowdrey and Clive Atkins*, 143

The Concolorous *Chortodes extrema* (Hb.) (Lep.: Noctuidae) in Huntingdonshire. *Barry Dickerson*, 86

The Raspberry Clearwing *Pennisetia hylaeiformis* (Laspeyres) (Lep.: Sesiidae) in Hertfordshire, VC 20. *Philip J. L. Gould*, 202-203

The Ruddy Carpet *Catarhoe rubidata* ([D. & S.]). 1775) (Lep.: Geometridae) in Saffron Walden, Essex, 2004-2009. *Chris Tyler-Smith and Yali Xue*, 92

The Scarlet Tiger *Callimorpha dominula* (L.) in Hertfordshire and Middlesex. *Colin W. Plant*, 264-265

The Small Ranunculus *Hecatera dysodea* (D. & S.) (Lep.: Noctuidae) in Rothamsted Insect Survey Light Traps. *Philip J. L. Gould*, 277-278

The status of the Olive Crescent *Trisateles emortualis* (D. & S.) (Lep.: Noctuidae) and the Many-lined, *Costaconvexa polygrammata* Borkh. (Lep.: Geometridae) on the Channel Islands. *Philip J. L. Gould*, 217-218

The winter generation of *Chromatomyia aprilina* (Goureau 1851, Dip.: Agromyzidae): more established than thought. *Robert Homan*, 169

Turning disaster to advantage: *Phryxe vulgaris* (Fall.) (Dip.: Tachinidae) reared from larva of the Lappet moth *Gastropacha quercifolia* (L.) (Lep.: Lasiocampidae) – apparently a new host record. *Colin W. Plant*, 216

*Tuta absoluta* (Meyrick, 1917: Lep.: Gelechiidae): an adventive species new to Britain. *Robert Homan*, 31-32

Two species of hornbeam-feeding microlepidoptera new to Berkshire. *Ian Sims*, 166

## V

*Volucella zonaria* (Poda) (Dip.: Syrphidae) in Northamptonshire. *K. F. Williams*, 59

## W

Welsh Wave *Venusia cambrica* Curtis (Lep.: Geometridae) in Middlesex. *Debbie Pledge*, 190

## X

*Xestia trifida* (Fischer von Waldheim, 1820) (Lep.: Noctuidae): first report for Bulgaria, with some additional faunistic records. *Stoyan Beshkov and Radko Radev*, 224-228

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

A. A. Allen, Editor, 266

### **4: BOOK REVIEWS**

*Flora of Hertfordshire* by Trevor J. James, 47-48

*Identification keys to the microlepidoptera of The Netherlands* by Joop H. Kuchlein and Leo E. J. Bot, 231

*Les Pyrales de la Manche* by Nicole Lepertel and Jean -Paul Quinette, 45-46

*The Geometrid Moths (Lepidoptera, Geometridae) of Mt. Fruška Gora (Northern Serbia)* by D. V. Stojanović, S. B. Ćurčić & M. M. Brajković, 184

*The Plant- and Leafhoppers of Germany* by Robert Biedermann and Rolf Niedringhau, s44-45

*The Witt Catalogue. A taxonomic atlas of the Eurasian and North African Noctuoidea. Cuculliinae I.* by Ronkay, G. and Ronkay, L., 46-47

*Tortricidae of the Palaearctic Region. Volume 2: Cochylini* by József Razowski, 48

### **5: OBITUARIES**

Reginald Arthur Bell, 71-73



## 6: 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, page number entry is printed in italic type.

Agassiz, David J. L.....	<i>137-142</i>	Hipperson, Dave.....	<i>271</i>
Ashe, Patrick.....	<b>267-271</b>	Homan, Robert.....	29-30, 31-32, 169, 279-280
Atkins, Clive.....	<i>143</i>	Horsfield, D.....	154
Attewell, P. J.....	<b>112-119</b>	Jewess, P. J.....	167-168
Band, Gerard.....	144-145	Johnson, Colin.....	<b>43-44</b>
Banthorpe, Andy.....	162-163	Knill-Jones, Sam.....	5
Banthorpe, Melissa.....	162-163	Langmaid, John R.....	<b>137-142, 233-253</b>
Beavan, S. D.....	<b>97-111</b>	Larsen, Torben B.....	5-7, <b>55-58</b> , 163-166
Bekchiev, Rostislav.....	274-275	Lewis, Dafydd.....	94-95
Beshkov, Stoyan.....	<b>175-181</b> , 224-228, <i>272-274</i>	Manning, D. V.....	207-208
Bland, Keith P.....	230-231	McCormick, Roy.....	33-34
Bond, K. G. M.....	34	McGill, James.....	<b>49-52</b>
Bowdrey, Jerry.....	143	Mills, Ian.....	271
Brown, David C. G.....	4	Mineo, Giovanni.....	<b>267-271</b>
Bryant, Tony.....	34, 266	Myler, Robert.....	<b>23-27</b>
Budashkin, Yuriy.....	<b>87-92</b>	O'Connor, James P.....	<b>267-271</b>
Clayton, John.....	<b>219-223</b>	Oakes, Laurie.....	<b>185-190</b>
Clemons, Laurence.....	<b>209-212</b>	Oakes, Helen.....	<b>185-190</b>
Clifton, Ad.....	42	Oliver, Peter.....	183
Clifton, Jon.....	42, <b>8-11</b> , <b>185-190</b>	Page, R. J. C.....	<b>61-70</b>
Collingwood, C. A.....	<b>112-119</b>	Palmer, Stephen.....	153, 229
Compton, S. G.....	<b>257-264</b>	Parsons, Mark.....	<b>13-22, 49-52</b>
Cook, Laurence M.....	<b>23-27</b>	Piper, Ross W.....	84-86, <b>257-264</b>
Cubitt, Mark.....	148-153, 197-199	Plant, Colin W.....	30, <b>128-136, 185-190</b> , 216, 264-265, 278-279
Curtis, Clive R.....	265-266	Pledge, Debbie.....	190
Deans, Matthew J.....	<b>8-11</b> , 60, 173-174	Radev, Radko.....	224-228
Dickerson, Barry.....	52, 86, 162-163, 207-208	Reeves, Julian.....	<b>203-204</b>
Dickson, Richard.....	32-33	Riddiford, Nick J.....	204-206
Dunscombe, M.....	<i>213-215</i>	Robertson, A.....	<i>213-215</i>
Evans, David.....	11-12	Saville, R. E.....	<b>35-42</b> , 170-172
Fish, James.....	203-204	Shaw, P. J. A.....	213-215
Fletcher, Charles H.....	73, 93	Sims, Ian.....	59, 166, 172-173, 195-196
Gardiner, Tim.....	<b>155-162</b>	Slade, David.....	195
Gashtarov, Victor.....	272-274	Smyllie, Bill.....	<b>74-84</b>
Godfrey, A.....	<b>112-119</b>	Sokoloff, Paul.....	207
Gould, Philip J. L.....	28-29, 202-203, 213, 217-218, 224, 254-256, <i>276-277, 277-278</i>	Townsend, Martin.....	<b>120-127</b>
Hall, Peter.....	112, 146-147	Tyler-Smith, Chris.....	92
Harvey, Robin M.....	<i>199-201</i>	Waring, Paul.....	53-54
Hayward, Roger.....	2-3	Williams, K. F.....	59
Heckford, R. J.....	<b>97-111, 191-194</b>	Wilton, Dave.....	4-5, 147
Henwood, B. P.....	<b>97-111</b>	Xue, Yali.....	92
Higgott, Jeff B.....	4, 199-201	Young, M. R.....	<b>233-253</b>
		Zlatkov, Boyan.....	<b>87-92, 274-275</b>

# SPECIAL INDEX

Compiled by Catherine Wellings

Newly described taxa are indicated 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>		
absoluta, Tuta *	31-32*, 234, 245	antiopa, Aglais .....160
acanthadactyla, Amblyptilia	253	antiopa, Nymphalis .....160
aceris, Stigmella	237	aprilina, Dichonia .....183, 196
acetosae, Enteucha	237	arcuatella, Ectoedemia .....236
achatana, Ancylis	249	areola, Xylocampa .....151
Acronicta	53	argiotes, Celastrina .....160
acroxantha, Tachystola	243	argoteles, Emmelina .....14
acuminatana, Dichrorampha	251	argyrana, Pammene .....147
acutellus, Sclerocona	252	argyropeza, Ectoedemia .....236
adelphella, Salebria	168	aridella, Pediasia .....251
adelphella, Sciota	168	arion, Maculinea .....14, 17
adjectella, Coleophora	242	artaxerxes, Aricia .....74-84
advenella, Trachycera	253	asbolaea, Barea * .....185-190
aegeria, Pararge	160	asella, Heterogenea .....97-111
aeneofasciella, Stigmella	236	asseclana, Cnephasia .....141
aeriferanus, Ptycholomoides	247	assimilis, ssp. of zeta, Apamea .....151
aestivella, Metzneria	244	atalanta, Vanessa .....15, 17, 19, 67, 68, 160
affinis, Bryotropha	244	atomella, Agonopterix .....244
affinis, Cosmia	53-54, 208	atra, Blastodacna .....246
agathina, Xestia	151	atrata, Odezia .....145
agestis × artaxerxes, Aricia	74-84	atricapitella, Stigmella .....163
agestis, Aricia	74-84, 155, 160	atrifrontella, Ectoedemia .....112, 234, 236
agestis, Plebeius	155, 160	atriplicella, Scrobipalpa .....245
albicosta, Coleophora	242	aureatella, Micropterix .....235
albidella, Coleophora	242	aurinia, Eurodryas .....145
albipuncta, Mythimna	15, 17	autumnitella, Acrolepia .....241
albistria, Argyresthia	240	aza, Sarangesa .....164, 165, 166
albuginana, Pammene	250	azaleella, Caloptilia .....239
albula, Meganola	255	bajularia, Comibaena .....167
albulata, Perizoma	254, 255	basigutella, Stigmella .....162-3
algae, Cryphia	17, 52, 60	baynesi, ssp. of tages, Erynnis .....145
alnetella, Stigmella	237	betulinella, Nemaxera .....238
alniaria, Ennomos	150	bicolorata, Hecatera .....152
alpinella, Platytes	251	bifaciata, Perizoma .....152
alpium, Moma	33	bifasciana, Spatalistis .....248
alstromeriana, Agonopterix	244	bilunana, Epinotia .....207, 249
amani, Ectoedemia	207-208	bimaculata, Lomographa .....150
ambigualis, Scoparia	252	binaevella, Phycitodes .....253
ancipitella, Scoparia	252	bisselliella, Tineola .....238
anderidae, Phyllonorycter	239	bistriatella, Apomyeloidis .....253
anglica ssp. sororiata, Carsia	150	biviella, Vitula .....9, 253
angustella, Nephopterix	266	blancardella, Phyllonorycter .....239
angustiorana, Ditula	51	blandiata, Perizoma .....152
<b>angustivalva sp. nov.</b> , Fealathina	219-223	blattariella, Anacamptis .....245
anomala, Stilbia	148	branderiana, Pseudosciaphila .....167
antyllidella, Aproaerema	9	brassicae, Pieris .....160
		britannica, Thera .....150

brumata, Operophtera .....	94-95	conterminella, Agonopterix .....	244
brunneata, Itame .....	201	contigua, Lacanobia .....	173
bucephala, Phalera .....	151	continuella, Stigmella .....	236
buettneri, Sedina .....	13	convolvuli, Agrius .....	149
bulgarica, Valerietta .....	226	conwagana, Pseudargyrotoza .....	247
buoliana, Rhyacionia .....	250	coryli, Colocasia .....	148
caecana, Grapholita .....	250	costaestrigalis, Schrankia .....	151
caesiata, Entephria .....	149	costella, Scrobipalpa .....	245
caespitiella, Coleophora .....	242	costipunctana, Epiblema .....	250
cagnagella, Yponomeuta .....	241	croceago, Jodia .....	18
c-album, Polygonia .....	160	croceus, Colias .....	15
caledoniana, Acleris .....	248	croesella, Adela .....	238
calycotomella, Coleophora .....	16	cruciata, Heterogenea .....	106
cambrica, Venusia .....	173, 190	cruda, Orthosia .....	151
camilla, Limenitis .....	155, 157, 160	cuculipennella, Caloptilia .....	239
canapennella, Elachista .....	243	culmella, Chrysoteuchia .....	251
candefacta, Acontia .....	175, 177, 178, 179	cuneatella, Gelechia .....	245
caniola, Eilema .....	2-3	cuprella, Adela .....	237
cararia, Stegania * .....	11-12	cupressella, Argyresthia .....	240
cardamines, Anthocharis .....	160	cupriacella, Nemophora .....	237
cardui, Vanessa .....	160, 183	cydoniella, Phyllonorycter .....	239
carmelita, Odontosia .....	151	cynosbatella, Epiblema .....	250
carphodactyla, Euleioptilus .....	253	decentella, Ectoedemia .....	236
carpinata, Trichopteryx .....	148	demarniana, Epinotia .....	249
carpinella, Parornix .....	22, 166, 182, 196	dentalis, Cynaeda .....	252
carpinella, Stigmella .....	22, 166	dentella, Ypsolopha .....	241
caudata, Fealathina .....	220	depressa, Eilema .....	2-3
centaureata, Eupithecia .....	152	dianthii, Anarta .....	226
cerasana, Pandemis .....	247	didyma, Mesapamea .....	134
cespitana, Celypha .....	248	diffinis, Cosmia .....	53-54
cherrug, Polia .....	227	diffinis, Teleiopsis .....	5, 244
christyi, Epirrita .....	150	dilutella, Pempeliella .....	253
chrysitis, Diachrysia .....	128-136	dimidiata, Idaea .....	150
chrysolepidella, Eriocrania .....	235	diminutana, Ancyelis .....	249
chrysoorrhoea, Euproctis .....	110	discordella, Coleophora .....	242
cilialis, Nascia .....	252	dispar, Lymantria .....	13, 17
cingillella, Elachista .....	243	distinctella, Chionodes .....	244
cingulata, Pyrausta .....	252	dodecea, Ethmia .....	244
cirsiana, Epiblema .....	250	dodecella, Exoteleia .....	244, 253
clavis, Agrotis .....	152	domestica, Bryotropha .....	244
clematella, Nemapogon .....	238	domestica, Cryphia .....	152
clerkella, Lyonetia .....	241	dominula, Callimorpha .....	264-265
clypeiferella, Coleophora .....	28	dubiella, Tinea .....	238
cnicana, Aethes .....	247	dubitella, Phyllonorycter .....	239
c-nigrum, Xestia .....	53	dysodea, Hecatera .....	13, 277-278
cognata, Thera .....	149	efformata, Aplocera .....	150
comitata, Pelurga .....	149	effractana, Acleris .....	14, 248
complanata, Eilema .....	2-3	electa, Catocala .....	5
compositella, Grapholita .....	250	elegans, Kentrochrysalis .....	224
confusa, Hadena .....	151	elymi, Chortodes .....	229
confusa, Macdunnoughia .....	17	emortualis, Trisateles .....	15, 217-218
confusalis, Nola .....	151	epiphron, Erebia .....	83
conjugella, Argyresthia .....	240	eremita, Dryobotodes .....	152
conjunctana, Cydia .....	87-92	erxlebella, Roeslerstammia .....	239
consimilana, Clepsis .....	247	euphrosyne, Boloria .....	144

exiguata, Eupithecia.....	150	genitalana, Cnephasia.....	137, 141, 248
exsoleta, Xylena.....	152	germmana, Pammene.....	250
extrema, Chortodes.....	86	giganteana, Pammene.....	147, 250
fagaria, Dyscia.....	151	gilvago, Xanthia.....	149
fagi, Stauropus.....	167	gilvicomana, Phalonidia.....	247
fagiglandana, Cydia.....	251	glabratella, Argyresthia.....	240
falcataria, Drepana.....	150	glaucinalis, Orthopygia.....	252
falciformis, Epermenia.....	251	glaucinella, Argyresthia.....	240
fascelina, Dicallomera.....	173	gracilis, Orthosia.....	151
fasciana, Pammene.....	173-4, 250	grandipennis, Scythris.....	246
faunus, Oxylides.....	5-7	griseana, Zeiraphera.....	249
fenestratella, Monopis.....	238	grisella, Achroia.....	253
ferrugalis, Udea.....	252	griseola, Eilema.....	2-3, 53
ferrugana, Acleris.....	248	gryphipennella, Coleophora.....	242
ferrugata, Xanthorhoe.....	120-127	haasi, Plutella.....	234, 241
festaliella, Schreckensteinia.....	251	halterata, Lobophora.....	150
festucae, Plusia.....	134	hannoverella, Ectoedemia.....	16, 236
fibulella, Adela.....	238	harouni, Nola.....	176, 177, 179
fijiensis, Hypena.....	223	harpagula, Sabra.....	28
filicivora, Psychoides.....	238	hartigiana, Cymolomia *.....	8-11, 234, 248
finitimella, Parornix.....	239	heckfordi, Ectoedemia.....	233, 236
flammealis, Endotricha.....	252	hellerella, Blastodacna.....	246
flavicaput, Spuleria.....	246	hepariella, Zelleria.....	241
flaviciliana, Cochylys.....	247	hepatica, Lithophane.....	151
flavidorsana, Dichrorampha.....	251	heringella, Ectoedemia.....	18, 162, 182, 196, 236
flavifrontella, Pseudatemelia.....	213, 243	heringi, Cnephasia.....	87-92
flavimitrella, Lampronia.....	237	hesperica, ssp. of leautieri, Lithophane.....	151
flesus, Papilio.....	163-166	hibernica, ssp. of aurinia, Eurodryas.....	145
flesus, Tagiades.....	165, 166	hortulata, Eurrhypara.....	252
fluctuata, Xanthorhoe.....	53	hospes, Proxenus.....	15
fluctuosa, Tetheella.....	173	hostilis, Sciota.....	167-8
fluxa, Chortodes.....	255, 256	hostis, Phyllonorycter.....	239
follicularis, Coleophora.....	242	hreblyai, Valerietta.....	224, 226, 227, 228
forficalis, Evergestis.....	252	hungarica, ssp. of dianthii, Anarta (Hadula).....	226, 228
forficella, Donacaula.....	251	hyemana, Acleris.....	248
forsskaleana, Acleris.....	248	hylaeiformis, Pennisetia.....	16, 202-203
forsterella, Glyphipterix.....	240	hyperantus, Aphantopus.....	160
fovealis, Duponchelia.....	252	ibipennella, Coleophora.....	242
fraxinella, Prays.....	241	icarus, Polyommatus.....	160
fraxini, Catocala.....	17	imella, Monopis.....	238
froelichiella, Phyllonorycter.....	240	immutata, Scopula.....	33
fulvalis, Udea.....	252	incarnatella, Rhigognostis.....	241
fulviguttella, Phaulernis.....	251	incertana, Cnephasia.....	248
fulvimitrella, Triaxomera.....	238	incongruella, Amphisbatis.....	243
fumatella, Chionodes.....	244	inconspicua, Dichrorampha.....	87-92
funebrana, Grapholita.....	250	inconspecta, Dichrorampha.....	87-92
furfurana, Bactra.....	249	inopiana, Phtheochroa.....	247
furuncula, Mesoligia.....	95	inquinatana, Cydia.....	199-201, 251
fuscalis, Opsibotys.....	252	insecurella, Epermenia.....	251
fuscescens, Borkhausenia.....	243	inspersella, Scythris.....	247
fuscicornis, Coleophora.....	242	instabilella, Scrobipalpa.....	245
gallii, Hyles.....	17	interpunctella, Plodia.....	253
gamma, Autographa.....	9, 134	interrogationis, Syngnapha.....	151
gangabella, Elachista.....	243		
genistella, Pempelia.....	253		

intexta, <i>Cydia</i> .....	87-92	lineola, <i>Thymelicus</i> .....	160
intimella, <i>Ectoedemia</i> .....	236	liturosa, <i>Agonopterix</i> .....	195
intricata, <i>Eupithecia</i> .....	150	ljungiana, <i>Argyrotaenia</i> .....	247
io, <i>Inachis</i> .....	160	lobarzewski, <i>Grapholita</i> .....	250
ipsilon, <i>Agrotis</i> .....	60	lobella, <i>Luquetia</i> .....	243
iris, <i>Apatura</i> .....	61-70, 107	locupletella, <i>Mompha</i> .....	195, 246
italica, <i>Metalampra</i> .....	16	logiana, <i>Acleris</i> .....	248
ivella, <i>Argyresthia</i> .....	195	longana, <i>Cnephasia</i> .....	247
janthe, <i>Noctua</i> .....	53	longicaudella, <i>Ectoedemia</i> * 112*, 234, 236	
janthina, <i>Noctua</i> .....	16, 60	lonicerae, <i>Zygaena</i> .....	150
janthinana, <i>Grapholita</i> .....	250	lophyrella, <i>Sorhagenia</i> .....	246
josephinae, <i>Pseudatemelia</i> .....	243	lucens, <i>Amphipoea</i> .....	153
jubata, <i>Alcis</i> .....	150	lucerna, <i>Standfussiana</i> .....	60, 152
juncta, f. of <i>chrysitis</i> , <i>Diachrysia</i> .....	128-136	lucidella, <i>Monochroa</i> .....	244
jungella, <i>Grapholita</i> .....	250	luctuosa, <i>Tyta</i> .....	92
juniperata, <i>Thera</i> .....	149	lunana, <i>Philedonides</i> .....	247
jurassicella, <i>Mompha</i> .....	246	lunosa, <i>Omphaloscelis</i> .....	152
jurtina, <i>Maniola</i> .....	160	lupulinus, <i>Hepialus</i> .....	152
kadenii, <i>Platyperigea</i> .....	16	lurideola, <i>Eilema</i> .....	2-3
kuehniella, <i>Ephestia</i> .....	253	lusciniapennella, <i>Coleophora</i> .....	242
labecula, <i>Dryobota</i> .....	18, 34	lutarea, <i>Metriotes</i> .....	182, 196
laburnella, <i>Leucoptera</i> .....	241	luticomella, <i>Elachista</i> .....	242
lacertinaria, <i>Falcaria</i> .....	60	lutipennella, <i>Coleophora</i> .....	242
lacteana, <i>Bactra</i> .....	249	lutosa, <i>Rhizedra</i> .....	152
lacteella, <i>Mompha</i> .....	246	lutulentella, <i>Monochroa</i> .....	244
lacticolella, <i>Blastobasis</i> .....	245	mabira, ssp. of <i>thecla</i> , <i>Sarangesa</i> .....	164
laetus, <i>Crombrugghia</i> .....	34	macularia, <i>Pseudopanthera</i> .....	145
laetus, <i>Oxyptilus</i> .....	253	maculicerusella, <i>Elachista</i> .....	243
laevigatella, <i>Argyresthia</i> .....	240	maculosana, <i>Hysterophora</i> .....	247
laichartingella, <i>Diplodoma</i> .....	238	maesseni, <i>Fresna</i> .....	58
lamii, <i>Phlogophora</i> .....	134	magdalenae, <i>Stigmella</i> .....	237
lanestris, <i>Eriogaster</i> .....	145	malifoliella, <i>Leucoptera</i> .....	241
langiella, <i>Mompha</i> .....	5, 246	manniana, <i>Phalonidia</i> .....	247
laricana, <i>Spilonota</i> .....	250	margaritella, <i>Catoptria</i> .....	251
laricella, <i>Coleophora</i> .....	242	marginana, <i>Endothenia</i> .....	249
lariciata, <i>Eupithecia</i> .....	149	marginea, <i>Emmetia</i> .....	237
lassella, <i>Coleophora</i> .....	242	maritima, <i>Bucculatrix</i> .....	279-280
lathyрана, <i>Grapholita</i> .....	250	maritimus, <i>Chilodes</i> .....	151
latistria, <i>Agriphila</i> .....	251	maura, <i>Mormo</i> .....	152
latomarginata, ssp. of <i>lonicerae</i> ,		megea, <i>Lasiommata</i> .....	155, 157, 160
<i>Zygaena</i> .....	150	melinus, <i>Strymon</i> .....	69
latrunclula, <i>Oligia</i> .....	151	mellinata, <i>Eulithis</i> .....	149
lautella, <i>Phyllonorycter</i> .....	195	mesomella, <i>Cybosia</i> .....	2-3
lautilieri, <i>Lithophane</i> .....	151	messingiella, <i>Eidophasia</i> .....	241
lemnata, <i>Cataclysta</i> .....	252	messmeri, <i>Autographa</i> .....	134
lemniscella, <i>Stigmella</i> .....	236	meticulosa, <i>Phlogophora</i> .....	134
leucapennella, <i>Caloptila</i> .....	182, 195-196	metzneriana, <i>Eucosma</i> .....	250
leucogaster, <i>Ochropleura</i> .....	226	micacea, <i>Hydraecia</i> .....	224
leucographella, <i>Phyllonorycter</i> .....	239	micana, <i>Olethreutes</i> .....	248
leucophaearia, <i>Agriopis</i> .....	150	micella, <i>Argolamprotes</i> .....	244
lichenea, <i>Polymixis</i> .....	149	microgrammana, <i>Cydia</i> .....	251
limacodes, <i>Apoda</i> .....	101-111	millieraria, ssp. of <i>intricata</i> , <i>Eupithecia</i> .....	150
limbata, <i>Evergestis</i> .....	252	millieridactyla, <i>Stenoptilia</i> .....	253
linariata, <i>Eupithecia</i> .....	149	miniata, <i>Miltochrista</i> .....	2-3
lineatella, <i>Anarsia</i> .....	245	minus, <i>Cupido</i> .....	145

molliculana, Cochyliis .....	247	pascuella, Crambus .....	251
moneta, Polychrysis .....	149	pasiuana, Cnephasia .....	137-142, 234
monoglypha, Apamea .....	53	pastinum, Lygephila .....	256
montivaga, Euxoa .....	178, 179, 180	peltigera, Heliothis .....	151
morronensis, Arcia .....	82	peregrina, Prays .....	16, 207
mucronellus, Donacaula .....	251	periodica, Barea .....	187
muelleriella, Phyllonorycter .....	195	perlella, Crambus .....	251
mulinella, Mirificarma .....	244	perlucidalis, Phlyctaenia .....	252
munda, Orthosia .....	151	permixtana, Gynnidomorpha .....	247
mundana, Nudaria .....	149	persicariae, Melanchra .....	152
muricolor, ssp. of exiguata, Eupithecia .....	150	perspectalis, Diaphania .....	14, 203-204, 252
musculosa, Oria .....	18	perspectalis, Glyphodes .....	203-204
myrtillana, Ancylis .....	249	petasitis, Hydraecia .....	152
myrtillana, Rhopobota .....	249	petiverella, Dichrorampha .....	251
myrtillella, Stigmella .....	237	phasianipenella, Calybites .....	30-31,
naevana, Rhopobota .....	249		172-173, 182, 196, 239
napi, Pieris .....	160	phlaeas, Lycaena .....	160
memoralis, Agrotera .....	252	phocion, Ceratrichia .....	56
nervosa, Agonopterix .....	244	phragmitella, Chilo .....	251
nigricomella, Bucculatrix .....	238	phragmitella, Limnaecia .....	246
niphognatha, Monochroa .....	244	picaepennis, Scythris .....	247
niphopasta, Valerietta .....	224, 227, 228	piercei, Aethes .....	247
nitidalis, Musotima .....	234, 252	pilella, Nematopogon .....	237
nobilella, Elachista .....	243	pimpinellae, Depressaria .....	185, 243
notatella, Carpatolechia .....	244	pinastri, Hyloicus .....	53
nubilalis, Ostrinia .....	252	pinguinalis, Aglossa .....	252
nupta, Catocala .....	144	pini, Dendrolimus .....	15, 17, 173, 174
obelisca, Euxoa .....	149	pinicolella, Batrachedra .....	246
obliquella, Stigmella .....	237	platani, Phyllonorycter .....	239
oblongana, Endothenia .....	248	plecta, Ochropleura .....	53
obtusana, Ancylis .....	249	plumigeralis, Pechipogo .....	17
ocellana, Agonopterix .....	244	podolica, ssp. of syriaca, Hadena .....	226
ocellana, Spilonota .....	250	polychromella, Syncopacma .....	245
ocellata, Cosmorhoe .....	53	polygrammata, Costaconvexa .....	217-218
ochraceella, Mompha .....	246	pontica, Craniophora .....	226
oculea, Amphipoea .....	52, 149	populi, Poecilocampa .....	150
oehlmanniella, Incurvaria .....	237	porcellus, Deilephila .....	149
ohridella, Cameraria .....	16, 234, 240	porphyrana, Eudemis .....	249
oleae, Prays .....	241	porrectella, Plutella .....	241
olivalis, Udea .....	252	postvittana, Epiphyas .....	51, 247
omoscopa, Opogona .....	14, 238	potentillae, Coleophora .....	242
ononidis, Parectopa .....	239	poterii, Stigmella .....	236
oo, Dicycla .....	183, 196	praeangusta, Batrachedra .....	246
operculella, Phthorimaea .....	31	prasinana, Pseudoips .....	151
oppressana, Gypsonoma .....	250	primaria, Thera .....	95, 150
otregiata, Lampropteryx .....	4-5, 52	processionea, Thaumetopoea .....	17
pactolana, Cydia .....	146-147	propinquella, Mompha .....	253
padellus, Yponomeuta .....	262	prunata, Eulithis .....	152
paleana, Aphelia .....	247	prunetorum, Stigmella .....	237
pallidactyla, Platyptilia .....	253	prunifoliella, Lyonetia .....	13, 241
palpella, Aplota .....	243	pterodactyla, Stenoptilia .....	253
pamphilus, Coenonympha .....	157, 160	puella ssp. puella, Archiearis .....	175, 177
papilionaria, Geometra .....	9	puella, Archiearis .....	175, 177
parasitella, Triaxomera .....	238	pulcherrimella, Depressaria .....	243
parvidactylus, Oxyptilus .....	34	pulchrimella, Cosmopteryx .....	16

pumicana, Cnephasia * .137-142*, 234, 247	ruficiliaria, Cyclophora .....	16
punctidactyla, Amblyptilia .....	rufifasciata, Gymnoscelis .....	150
pupillaria, Cyclophora .....	rufipennella, Caloptilia .....	239
purpuralis, Zygaena .....	ruralis, Pleuroptya .....	53
purpurea, Agonopterix .....	ruvicolella, Nemapogon .....	238
puta, Agrotis .....	sabulosa, ssp. of purpuralis, Zygaena .....	145
putnami, Plusia .....	salicella, Hedyia .....	248
pygmaeana, Epinotia .....	salicicolella, Phyllonorycter .....	239
pygmaeata, Eupithecia .....	salopiella, Eriocrania .....	236
pygmaeella, Argyresthia .....	samadensis, Scrobipalpa .....	245
pyralina, Cosmia .....	samiatella, Stigmella .....	73, 237
pyrausta, Ethmia .....	sangiella, Syncopacma .....	245
pyri, Stigmella .....	sangii, Eriocrania .....	236
quadrillella, Ethmia .....	saturatella, Coleophora .....	242
quadrimaculana, Endothenia .....	sauciana, Apotomis .....	248
quadripuncta, Oegoconia .....	scabrella, Ypsolopha .....	241
quercana, Carcina .....	schoenicolella, Glyphipterix .....	240
querceti, Pammene .....	schreiberella, Phyllonorycter .....	240
quercifolia, Gastropacha .....	schulziana, Olethreutes .....	191-194
quercus ssp. quercus, Lasiocampa .....	schulziana, Philiaris .....	191
quercus, Lasiocampa .....	schumacherana, Olindia .....	248
quercus, Neozephyrus .....	schwarzella, Pancalia .....	246
	scolopacina, Apamea .....	151
	scopariella, Agonopterix .....	5
	scotica ssp. juniperata, Thera .....	149
	secalis, Mesapamea .....	134
	sedatana, Dichrorampha .....	251
	sehestediana, Prochoreutis .....	240
	semifascia, Caloptilia .....	239
	semifasciana, Apotomis .....	248
	semifulvella, Tinea .....	238
	semifusca, Argyresthia .....	240
	semipurpurella, Eriocrania .....	236
	semitestacella, Argyresthia .....	241
	senecionana, Clepsis .....	247
	sentictetella, Gelechia .....	245
	sequella, Ypsolopha .....	241
	seriata, Idaea .....	150
	signaria, Macaria .....	17
	signatana, Epinotia .....	249
	silaceata, Ecliptopera .....	53
	simulans, Rhyacia .....	149
	singula, Neofrigeria .....	244
	sociella, Aphomia .....	253
	solidaginis, Lithomoia .....	149
	sordidatella, Depressaria .....	243
	sororcula, Eilema .....	2-3, 280
	sororiata, Carsia .....	150
	spadicearia, Xanthorhoe .....	120-127, 148
	sparrmannella, Eriocrania .....	236
	spinosella, Ectoedemia .....	236
	spissilimbaria, Idaea .....	175, 177, 179
	splendana, Cydia .....	251
	splendens, Lacanobia .....	34
	sponsa, Catocala .....	34
quercus, Quercusia .....		63,64
quinqueguttella, Phyllonorycter .....		240
ramulicola, Phyllocnistis .....		16, 240
rapae, Pieris .....		160
ravida, Spaelotis .....		18
reamurella, Adela .....		237
rebeli, Blastobasis .....		18, 245
rectilinea, Hyppa .....		173
recurvalis, Spoladea .....		252
reisseri, Phtheochroa .....		87-92
reliquana, Lobesia .....		249
reticulata, Heliophobus .....		18
revayana, Nycteola .....		151
rhamni, Gonepteryx .....		160
rhamniella, Sorhagenia .....		246
rhedieella, Pammene .....		250
rhododactyla, Cnaemidophorus .....		5, 253
ribeata, Deileptenia .....		150
roborella, Phycita .....		167
roborella, Stigmella .....		237
robusta, Pandesma .....		176, 177, 179, 180
robustana, Bactra .....		249
rosana, Archips .....		247
rubi, Callophrys .....		157, 160
rubi, Macrothylacia .....		150
rubidata, Catarhoe .....		92
rubiginata ssp. rubiginata, Plemymia .....		150
rubiginata, Plemymia .....		150
rubiginata, Scopula .....		5
<b>rubescens sp. nov.</b> , Hypena .....		219-223
rubricollis, Atolmis .....		52, 151
rufescens, Helcystogramma .....		245

steinkellneriana, Semioscopis.....	243
stellatarum, Macroglossum.....	15, 151
stenochrysis, Diachrysia.....	128-136
stephensi, Dystebenna.....	182, 196
sternipennella, Coleophora.....	242
<b>stewarti sp. nov.</b> , Gorgyra.....	55-58
sticticana, Epiblema.....	250
strigulatella, Phyllonorycter.....	239
suaavis, Pseudocoremia.....	16
subbistrigella, Mompha.....	246
suberivora, Stigmella.....	162, 237
subflavidus, Gorgyra.....	56, 57,
subpropinquella, Agonopterix.....	244
subtusa, Ipimorpha.....	149
succenturiata, Eupithecia.....	152
suffumata, Lampropteryx.....	4
suspecta, Parastichtis.....	149
svenssoni, Stigmella.....	237
swammerdamella, Nematopogon.....	237
sylvanus, Ochloides.....	160
sylvella, Ypsolopha.....	241
sylvestris, Thymelicus.....	160
sylvina, Hepialus.....	150
syriaca, Hadena.....	226
syringaria, Apeira.....	150
taeniata, Perizoma.....	150
tages, Erynnis.....	145
tamesis, Coleophora.....	242
tedella, Epinotia.....	249
tenebrosa, Dryobotodes.....	16
tenuiata, Eupithecia.....	149
terebrella, Assara.....	9, 253
terminella, Mompha.....	246
ternata, Scopula.....	173
tetraquetra, Epinotia.....	249
thecla, Sarangesa.....	164
thoracella, Bucculatrix.....	238
thrasonella, Glyphipterix.....	240
titania, Acontia.....	226
tithonus, Pyronia.....	160
tragopoginis, Amphipyra.....	53
trapezina, Cosmia.....	53
triatomea, Elachista.....	243
trifasciata, Argyresthia.....	240
trifida ssp. trifida, Xestia.....	227
trifida, Xestia.....	224-228
trifolii, Discestra.....	149, 153
trigeminella, Coleophora.....	242
trimaculana, Epiblema.....	250
trimaculosa, Polia.....	151
trinotella, Tinea.....	238
tripuncta, Telechrysis.....	243
tripunctaria, Eupithecia.....	149
triseriatella, Elachista.....	243

trisignaria, Eupithecia.....	150
tristalis, Paracolax.....	276-277
trochilella, Coleophora.....	242
truncicolella, Eudonia.....	252
turionella, Pseudococcyx.....	250
tutti, Diachrysia.....	128-136
tutti, Plusia.....	128-136
typhae, Nonagria.....	151
uddmanniana, Epiblema.....	250
ulmifoliae, Bucculatrix.....	16
umbrana, Acleris.....	248
unguicella, Ancyliis.....	249
unidentaria, f. of ferrugata, Xanthorhoe.....	120-127
unimaculella, Eriocrania.....	235
unipuncta, Mythimna.....	17, 149
upupana, Ancyliis.....	249
urania, Acontia.....	226
urticae, Aglais.....	160
ustella, Ypsolopha.....	182, 195, 241
ustulana, Endothenia.....	249
utonella, Biselachista.....	243
vaccinii, Conistra.....	197-199
variegana, Acleris.....	253
velocella, Aroga.....	244
venosata, Eupithecia.....	149
versurella, Coleophora.....	242
viretata, Acasis.....	150
virgaureata, Eupithecia.....	150
virgulata, Scopula.....	176, 177, 179
viridana, Tortrix.....	248
viscerella, Stigmella.....	237
vitellina, Mythimna.....	151
vittata, Blastobasis.....	14, 234, 245
voelkeri, Autographa.....	134
vulgana, Capua.....	247
wauaria, Macaria.....	149
weaverella, Monopis.....	238
weirana, Strophedra.....	250
woodiana, Celypha.....	49-52
ypsillon, Parastichtis.....	149
zeta assimilis, Apamea.....	151
zieglerella, Cosmopterix.....	42, 59, 246
zinckenella, Etiella.....	253
zoegana, Agapeta.....	247

## COLLEMBOLA

Hymenaphorura nova *.....	213-215
Protaphorura armata.....	215
Proisotoma admaritima = Cryptopygus clavatus.....	215
Cryptopygus clavatus.....	215



## ODONATA

<i>Aeshna cyanea</i> .....	160
<i>Aeshna grandis</i> .....	160
<i>Aeshna isosceles</i> .....	155, 156, 158, 160
<i>Aeshna mixta</i> .....	160
<i>Brachytron pratense</i> .....	158, 160
<i>Calopteryx splendens</i> .....	160
<i>Coenagrion puella</i> .....	160
<i>Enallagma cyathigerum</i> .....	161
<i>Ischnura elegans</i> .....	161
<i>Libellula depressa</i> .....	158, 161
<i>Libellula quadrimaculata</i> .....	158, 161
<i>Lindenia tetraphylla</i> .....	272-274
<i>Orthetrum cancellatum</i> .....	161
<i>Pyrhosoma nymphula</i> .....	158, 161
<i>Selisia themis nigra</i> .....	274
<i>Sympetrum danae</i> .....	161
<i>Sympetrum fonscolombii</i> .....	161
<i>Sympetrum sanguineum</i> .....	161
<i>Sympetrum striolatum</i> .....	161

## ORTHOPTERA

<i>Chorthippus albomarginatus</i> .....	158, 161
<i>Chorthippus brunneus</i> .....	161
<i>Chorthippus parallelus</i> .....	158, 161
<i>Conocephalus discolor</i> .....	161
<i>Conocephalus dorsalis</i> .....	159, 161
<i>Leptophytes punctatissima</i> .....	159, 161
<i>Meconema thalassinum</i> .....	159, 161
<i>Metriopectera roeselii</i> .....	161
<i>Myrmeleotettix maculatus</i> .....	158, 161
<i>Omocestus viridulus</i> .....	158, 159, 161
<i>Pholidoptera griseoptera</i> .....	161
<i>Stethophyma grossum</i> .....	159
<i>Tetrix subulata</i> .....	159, 161
<i>Tetrix undulata</i> .....	159, 161
<i>Tettigonia viridissima</i> .....	159

## HETEROPTERA

<i>Arctocoris germani</i> .....	206
<i>Corixa iberica</i> .....	204-206
<i>Corixa punctata</i> .....	205
<i>Cyphostethus tristriatus</i> .....	154
<i>Notonecta glauca</i> .....	204-206
<i>Philaenus spumarius</i> .....	159

## DIPTERA

<i>Aulagromyza cornigera</i> .....	230, 231
<i>Aulagromyza hendeliana</i> .....	230, 231

<i>Aulagromyza luteoscutellata</i> .....	230
<i>Chromatomyia aprilina</i> .....	169, 230, 231
<i>Chromatomyia loniceræ</i> .....	230, 231
<i>Chromatomyia periclymeni</i> .....	230, 231
<i>Lipara rufitarsis</i> .....	209-212
<i>Phryxe vulgaris</i> .....	216
<i>Phytomyza aprilina</i> .....	230, 231
<i>Phytomyza loniceræ</i> .....	230, 231
<i>Phytomyza periclymeni</i> .....	230, 231
<i>Volucella zonaria</i> .....	59

## NEUROPTERA

<i>Chrysoperla carnea</i> .....	278, 279
<i>Euroleon nostras</i> .....	143, 217, 271
<i>Peyerimhoffia gracilis</i> .....	278-279
<i>Tjederina gracilis</i> .....	278-279

## COLEOPTERA

<i>Acrotrichis crotchii</i> .....	43
<i>Acrotrichis fulva</i> .....	43
<i>Acrotrichis fulvoides</i> .....	43
<i>Acrotrichis infuscata</i> .....	43
<i>Acrotrichis wollastoni</i> .....	43
<i>Cicindela campestris</i> .....	159
<i>Cionus alauda</i> .....	86
<i>Cionus scrophulariæ</i> .....	86, 265-266
<i>Cionus spp.</i> .....	84-86
<i>Cionus tuberculatus</i> .....	86
<i>Cryptocephalus decemmaculatus</i> .....	261
<i>Cryptocephalus nitidulus</i> .....	257-264
<i>Pachyrhinus lethierryi</i> .....	278
<i>Propomacrus bimacronatus</i> .....	274-276
<i>Ramphus oxycanthæ</i> .....	29-30

## HYMENOPTERA

<i>Apanteles lacticolor</i> .....	109, 110
<i>Baryproctus barypus</i> .....	209-212
<i>Baryscapus endemus</i> .....	84
<i>Bombus terrestris</i> .....	159
<i>Bombus vestalis</i> .....	159
<i>Bracon barypus</i> .....	209-212
<i>Dolicogenidea lacticolor</i> .....	109
<i>Entedon cionobius</i> .....	84, 85
<i>Entedon zanara</i> .....	266
<b><i>Ioseppinella gen nov.</i></b> .....	<b>267-271</b>
<b><i>Ioseppinella serena sp. nov.</i></b> .....	<b>267-271</b>
<i>Phobocampe alticollis</i> .....	110
<i>Ponera coarctata</i> .....	113-119
<i>Ponera testacea</i> * .....	113-119

Pteromalus spp.....	85, 86
Symmorphus gracilis .....	84, 85
Trissolcus .....	267, 269

## **PSOCOPTERA**

Amphigerontia bifasciata.....	35
Amphigerontia contaminata.....	35
Blaste quadrimaculata.....	171
Elipsocus abdominalis .....	35
Elipsocus mclachlani .....	35
Elipsocus pumilis.....	35
Elipsocus westwoodi .....	35
Embidopsocus enderleini.....	170
Hyalopsocus morio .....	171
Liposcelis decolor.....	170
Loensia variegata.....	35-42
Mesopsocus immunis.....	35
Mesopsocus unipunctatus .....	35
Peripsocus milleri .....	171
Philotarsus picicornis.....	35
Proposocus pulchripennis .....	170
Pseudopsocus rostocki .....	170, 172
Pteroxanium kelloggi .....	35-42
Reuterella helvimacula .....	35-42, 172
Trichadenotecnum sexpunctatum.....	35-42



