

#\$k The Generic Names of Moths of the World

Volume 5

Pyraloidea

By D.S.Fletcher and I.W.B. Nye

*British Museum (Natural History)*

Trustees of the  
British Museum (Natural History)  
London 1984

[published 30th August 1984]

© Trustees of the British Museum (Natural History), 1984  
Publication Number 880  
ISBN 0 565 00880 3

Typesetting in Great Britain by Avon Dataset Ltd, Masons Road,  
Stratford-upon-Avon, Warwickshire  
Printed in Great Britain by Henry Ling :Ltd, at the Dorset Press,  
Dorchester, Dorset

This volume should preferably be cited as  
Fletcher, D.S. & Nye, I.W.B.  
*The Generic Names of Moths of the World*, volume 5

British Library Cataloguing in Publication Data  
The generic names of moths of the world  
Vol. 5: Pyraloidea  
1. Moths-Nomenclature  
I. Title [sic] [Fletcher, David Stephen] II. Nye, Ian William Beresford  
595. 785'1'012 QL545  
ISBN 0-565-00880-3

Contents

---

# Volume 5  
\$ Volume 5  
k Volume 5

PREFACE	vi
SYNOPSIS	ix
AIM, SCOPE AND STYLE	Ix
FORM OF ENTRIES	Ix
REFERENCES	ix
DATES	ix
UNAVAILABLE NAMES	Ix
HOMONYMY	ix
MISIDENTIFIED TYPE-SPECIES	x
FAMILY-GROUP NAMES	xiv
REFERENCES	xiv
DATES OF SOME IMPORTANT PUBLICATIONS	xiv
ACKNOWLEDGEMENTS	xv
ALPHABETICAL CATALOGUE OF GENUS-GROUP NAMES	1
SYMBOLS USED	1
ABBREVIATIONS USED FOR FAMILY-GROUP NAMES	1
CATALOGUE	1
INDEX TO SPECIES-GROUP NAMES	164

## Preface

In the whole of the Animal Kingdom about 290,000 genus-group names have been used and of these nearly 10% have been applied to moths and butterflies. It is intended to catalogue all of the 24,000 moth names in the following volumes which have either already been published or are in preparation.

### The Generic Names of Moths of the World

#### VOLUME 1

Edited by I.W.B. Nye (published 11th December 1975)

Superfamily NOCTUOIDEA (part)	AGARISTIDAE	NOLIDAE
	NOCTUIDAE	

#### VOLUME 2

by A. Watson, D.S. Fletcher and I.W.B. Nye (published 30th October 1980)

Superfamily NOCTUOIDEA (part)	ARCTIIDAE	LYMANTRIIDAE
	COCYIIDAE	NOTODONTIDAE
	CTENUCHIDAE	STREPSIMANIDAE
	DILOBIDAE	THAUMETOPOEIDAE
	DIOPTIDAE	THYRETIDAE

#### VOLUME 3

by D.S. Fletcher (published 3rd December 1979)

Superfamily GEOMETROIDEA	AOPROGONIDAE	EPIPLEMIDAE
	AXIIDAE	GEOMETRIDAE
	CALLIDULIDAE	PTEROTHYSANIDAE
	CYCLIDIIDAE	SEMATURIDAE
	DREPANIDAE	THYATIRIDAE
	EPICOPEIIDAE	URANIIDAE

#### VOLUME 4

by D.S. Fletcher and I.W.B. Nye [published 17th June 1982]

Superfamily BOMBYCOIDEA	ANTHELIDAE	ENDROMIDAE
-------------------------	------------	------------

	APATELODIDAE	EUPTEROTIDAE
	BOMBYCIDAE	LASIOCAMPIDAE
	BRAHMAEIDAE	LEMONIIDAE
	CARTHAEIDAE	OXYTENIDAE
	CERCOPHANIDAE	SATURNIIDAE

Superfamily MIMALLONOIDEA	MIMALLONIDAE	
---------------------------	--------------	--

Superfamily SPHINGOIDEA	SPHINGIDAE	
-------------------------	------------	--

Superfamily CASTNIOIDEA	CASTNIIDAE	
-------------------------	------------	--

Superfamily COSSOIDEA	CHRYSOPELOMIDAE	MEGALOPYGIDAE
	COSSIDAE	METARBELIDAE
	DALCERIDAE	RATARDIDAE
	LIMACODIDAE	

Superfamily ZYGAENOIDEA	ANOMOEOTIDAE	HETEROGYNIDAE
	CYCLOTORNIDAE	HIMANTOPTERIDAE
	EPIPYROPIDAE	ZYGAENIDAE

Superfamily SESIOIDEA	BRACHODIDAE	DUDGEONEIDAE
	CHOREUTIDAE	SESIIDAE

## VOLUME 5

by D.S. Fletcher and I.W.B. Nye [published 30th August 1984]

Superfamily PYRALOIDEA	HYBLAEIDAE	PYRALIDAE
	LATHROTELIDAE	THYRIDIDAE
	OXYCHIROTIDAE	TINEODIDAE
	PTEROPHORIDAE	

## VOLUME 6

(in preparation) [by I.W.B. Nye and D.S. Fletcher, published 1991]

Superfamily COPROMORPHOIDEA	ALUCITIDAE	COPROMORPHIDAE
	CARPOSINIDAE	GYPHIPTERIGIDAE

Superfamily GELECHIOIDEA	AGONOXENIDAE	LECITHOCERIDAE
	ANOMOLOGIDAE	METACHANDIDAE
	BLASTOBASIDAE	MOMPHIDAE
	COLEOPHORIDAE	OECOPHORIDAE
	COSMOPTERIGIDAE	PTEROLONCHIDAE
	ELACHISTIDAE	SCYTHRIDIDAE
	GELECHIIDAE	

Superfamily YPONOMEUTOIDEA	AMPHITHERIDAE	HELIODINIDAE
	DOUGLASIIDAE	SCHRECKENSTEINIIDAE

	EPERMENIIDAE	YPONOMEUTIDAE
	EPIMARPTIDAE	

Superfamily IMMOIDEA	IMMIDAE	
----------------------	---------	--

Superfamily TORTRICOIDEA	COCHYLIDAE	TORTRICIDAE
--------------------------	------------	-------------

Superfamily TINEOIDEA	ARRHENOPHANIDAE	OCHSENHEIMERIIDAE
	ERICOTTIDAE	PSEUDARBELIDAE
	GRACILLARIIDAE	PSYCHIDAE
	LYONETIDAE	TINEIDAE

Superfamily TISCHERIOIDEA	TISCHERIDAE	
---------------------------	-------------	--

Superfamily INCURVARIOIDEA	ADELIDAE	HELIOZELIDAE
	CECIDOSIDAE	INCURVARIIDAE
	CRINOPTERYGIDAE	PRODOXIDAE

Superfamily NEPTICULOIDEA	NEPTICULIDAE	OPOSTEGIDAE
---------------------------	--------------	-------------

Superfamily HEPIALOIDEA	ANOMOSETIDAE	PALAEOSETIDAE
	HEPIALIDAE	PROTOTHEORIDAE
	NEOTHEORIDAE	

Superfamily MNESARCHAEOIDEA	MNESARCHAEIDAE	
--------------------------------	----------------	--

Superfamily NEOPSEUSTOIDEA	NEOPSEUSTIDAE	
----------------------------	---------------	--

Superfamily ERIOCRANOIDEA	ACANTHOPTEROCT- ETIDAE	LOPHOCORONIDAE
	ERIOCRANIIDAE	

Superfamily AGATHIPHAGOIDEA	AGATHIPHAGIDAE	
--------------------------------	----------------	--

Superfamily MICROPTERIGOIDEA	MICROPTERIGIDAE	
---------------------------------	-----------------	--

## Synopsis

The 3400 genus-group names of the superfamily Pyraloidea are listed with their type-species and original bibliographic references. The means of fixation of each type-species is given. Type-species are designated for 30 nominal genera for which no valid type-species fixation could be found.

## Aim, Scope and Style

The aim of this catalogue is closely similar to that defined in the first volume of *Generic Names of Moths of the World* and followed in volumes 2, 3 and 4. Following a change of editor, the scope and style in the present volume have been altered in the following respects :

- (a) subjective synonymy of genus-group names has been excluded except in cases of junior homonyms that have no objective replacement names;
- (b) objective replacement names have not been established for junior homonyms having no replacement names;
- (c) type-locality and type-specimen information have been excluded;
- (d) senior subjective synonyms of type-species have not been cited;
- (e) entries have been treated in alphabetical order and cross-referenced to objective synonyms and incorrect spellings.

The present volume contains the genus-group names of the Pyraloidea. We have included all the relevant names contained in the *Zoological Record* up to and including volume 116 for the year 1979 published in 1982, together with names from recent works that have come to our notice up to the end of June 1983. The families included are those cited in the Preface under volume 5.

Each nomenclaturally available genus-group name has been objectively defined by linking it with its valid type-species designation determined according to the *International Code of Zoological Nomenclature* (Edn 2), 1964, with amendments, 1974, *Bull. zool. Nom.* **31**: 77-89. Invalid and incorrect designations of type-species that antedate the valid designation are listed and the reasons for their rejection are given.

## Form of Entries

### REFERENCES

Titles of journals have been abbreviated as in the *World List of Scientific Periodicals* (Edn 4), 1963-1965. If the cited journal has not been included in the World List, abbreviations in the style of that work have been used. Nouns always start with a capital letter and adjectives usually start with a small letter. Abbreviations are followed by a full stop, but contractions are not.

Titles of books and other non-serial works have also been abbreviated in the style of the World List, using the 'Select List of Abbreviations' published in volume 3 of that work.

The full titles of journals may be found in the World List or in the *List of Serial Publications in the British Museum (Natural History) Library* (Edn 3), 1980. Most of the titles of books and of other non-serial works are in the *Catalogue of Books, Manuscripts, Maps and Drawings in the British Museum (Natural History)*.

Throughout this catalogue the term Commission refers to the International Commission on Zoological Nomenclature and the term *Code* refers to the *International Code of Zoological Nomenclature* (Edn 2), 1964, with amendments 1974, *Bull. zool. Nom.* **31** : 77 - 89.

### DATES

Following Recommendation 22A of the *Code*, dates of publication have been cited in square brackets if they have been determined from external evidence and in parentheses if determined from evidence in the volume itself. These dates have usually been followed by those printed on the title-page to assist in finding the work in library catalogues.

Dates of publication given in Sherborn's *Index Animalium* and in the *Catalogue of Books, Manuscripts, Maps and Drawings in the British Museum (Natural History)* have been adopted, except where bibliographical research has shown that changes should be made.

### UNAVAILABLE NAMES

Unavailable names (names that are not nomenclaturally available under the rules of the Code) are preceded by a double dagger (‡) and reasons for their rejection are given.

Names recorded in Neave, *Nomenclator zoologicus* as '(pro *A-us* Author, date)' usually lack positive indication as to whether the names are misspellings without nomenclatural availability or whether they are emendations with nomenclatural availability. All such entries have been checked and the correct status given.

## Homonymy

Names that have been proposed expressly to replace junior homonyms, and junior objective synonyms that have been used for the same purpose, are referred to in this catalogue as objective replacement names. Junior subjective synonyms used to replace preoccupied senior synonyms are referred to as subjective replacement names.

Generic names that are junior homonyms have been linked, wherever possible, with their objective synonyms. Several generic homonyms have no objective synonyms but it has been possible to place some of these as subjective synonyms of other genera by finding, in each case, a genus whose type-species is considered to be congeneric with that of the homonymous genus. There remain 19 homonyms for which there is neither an objective nor a subjective replacement name; the new editor requested that replacement names should not be proposed for these junior homonyms until the taxonomic status of these genera has been thoroughly examined.

## Misidentified Type-species

Under Article 70 of the *Code* it is to be assumed that an author has correctly identified the nominal species that he

- (1) referred to a new genus when he established it, or
- (2) designated as type-species of a new or established genus.

In this catalogue there are several genera having type-species now known to be based on misidentified specimens. Under Article 70 such cases should be referred to the Commission to designate whichever species would promote nomenclatural stability. The authors of this catalogue have provisionally chosen type-species that they consider will fulfil this objective.

## Family-group Names

The composition of the Pyraloidea has varied greatly with different authors. Brock (1971) included the Thyrididae, Pyralidae, Oxychirotidae, Pterophoridae and Alucitidae (Orneodidae) but excluded the Hyblaeidae. Common (1970) included the Hyblaeidae, Thyrididae, Tineodidae, Oxychirotidae and the Pyralidae; the Pterophoridae were placed in a separate superfamily, the Pterophoroidea, and the Alucitidae were placed in the Copromorphoidea. Kuznetsov & Stekolnikov (1979) included the Alucitidae and the Carposinidae in the Pyraloidea. Minet (1982) included only three families, the Pyralidae, Crambidae and Dudgeoneidae. The Dudgeoneidae were separated from the Cossidae by Berger (1957), associated with the Cossidae by Clench (1959), associated with the Aegerioidea, now Sesioidea, by Brock (1971); Brock's placing was followed by Fletcher & Nye (1982). The accompanying Comparative Table of Pyraloidea Classification illustrates how the Pyraloidea have been treated by authors in the past century and lists those family-groups included in this catalogue.

The classification of the family Pyralidae itself has also varied considerably in composition, from its division into nine separate families by Meyrick (1884; 1885; 1886; 1890), to its division into only two subfamilies by Hasenfuss (1960). The subfamily classification adopted in this catalogue accords closely with the broad view of the family taken by Munroe (1958; 1959; 1970; 1972), with the exception of the Ancyloleptinae; in this instance we have followed Bleszynski (1965) and treated the Ancyloleptinae as part of the Crambinae. Three new subfamilies have been separated from the Odontiinae by Minet (1980; 1982), the Noordinae, Dichogaminae and Cathariinae. The Dichogaminae were treated as a tribe of the Odontiinae by Munroe (1961; 1972); the other two taxa were not even accorded tribal status. Pending a wider study of all the genera included in the Odontiinae, the three new subfamilies have not been separated from the Odontiinae in this catalogue. Minet (1982) has resurrected the Spilomelinae as a subfamily of the Pyraustinae; this taxon was treated as a tribe of the Pyraustinae by Munroe and other authors and has been so treated in this catalogue. The accompanying

Comparative Table of Pyralidae Classification illustrates how the Pyralidae have been treated by authors in the past century and lists the subfamilies adopted in this catalogue.

The family-group names used in the catalogue are, in the main, the oldest available suprageneric names that have been applied to each family and subfamily. However, where a junior name has had wide usage for more than the last fifty years, for example Pyraustinae Meyrick, 1890, instead of Ennychiinae Blanchard, 1840, the junior name has been adopted. The names are listed below together with the first published reference to each name; synonyms that have had wide use are also listed but no attempt has been made to compile a complete synonymy.

- HYBLAEIDAE Hampson, 1903, *Cat. Lepid. Phalaenae Br. Mus.* **1** : 4 (as Noctuidae Hyblaeinae).  
Comstock, 1920, *Introd. Ent.* : 655 (as family in Pyraloidea).
- LATHROTELIDAE Clarke, 1971, *Smithson. Contr. Zool.* **56** : 58.
- OXYCHIROTIDAE Meyrick, 1885, *Trans. ent. Soc. Lond.* **1885** : 437.
- PTEROPHORIDAE Latreille, [1802] *An X, Hist. nat. gén. particulière Crustacés Insectes* **3** : 418 (as Pterophoridii).  
1809, *Genera Crust. Insect.* **4** : 192, 233 (as Pterophorites).  
Agdistidae Walsingham, 1891, *Proc. zool. Soc. Lond.* **1891** : 493 (as Agdistinae).  
Platyptiliidae Tutt, 1905, *Entomologist's Rec. J. Var.* **17** : 37.
- PYRALIDAE Latreille, 1809, *Genera Crust. Insect.* **4** : 192, 228 (as Pyralites).
- CHRYSAUGINAE Lederer, 1863, *Wien. ent. Monatschr.* **7** : 331 (as Chrysaugidae).  
Semniinae Lederer, 1863, *ibidem* **7** : 333 (as Semniidae).  
Bradypodicolinae Spuler, 1906, *Biol. Zbl.* **26** : 691.
- CRAMBINAE Latreille, 1810, *Considérations générales Ordre nat. Animaux* : 369, 441 (as Crambites).  
Chiloninae Heinemann, 1865, *Schmett. Dtl. Schweiz* (Abt. 2) **1** (2) : 109 (as Chilonidae).  
Ancylolemiinae Swinhoe & Cotes, 1891, in Cotes & Swinhoe, *Cat. Moths India* (6) : 691 (as Ancylolemidae).
- CYBALOMIINAE Marion, 1955, *Revue fr. Lépid.* **15** : 485 (as Cybalomiini).
- EPIPASCHIINAE Meyrick, 1884, *Trans. ent. Soc. Lond.* **1884** : 280 (as Epipaschiadae).  
Pococerinae Hampson, 1918, *Novit. zool.* **25** : 386.
- EVERGESTINAE Marion, 1952, *Revue fr. Lépid.* **13** : 263 (key), 267.
- GALLERIINAE Zeller, 1848, *Isis Oken*, Leipzig **1848** : 572 (as Galleriae).  
Macrotheciinae Barnes & McDunnough, 1912, *Contr. nat. Hist. Lepid. N. Am.* **1** (5) : 39 (as Macrotheciinae).
- GLAPHYRIINAE Forbes, 1923, *Mem. Cornell Univ. agric. Exp. Stn* **68** : 536.  
Homophysinae Lederer, 1863, *Wien. ent. Monatschr.* **7** : 454 (as Homophysidae).
- LINOSTINAE Amsel, 1956, *Boln Ent. venez.* **10** (1 + 2) : 104 (as Linosterinae).
- MIDILINAE Munroe, 1958, *Proc. 10th int. Congr. Ent.* **1** : 302.
- NYMPHULINAE Duponchel, [1845] 1844, *Cat. méth. Lépid. Eur.* : 201 (as Nymphulites).  
Acentropinae Stephens, 1836, *Illustr. Br. Ent.* (Mandibulata) **6** : 148 (as Acentropidae).  
Hydrocampinae Guenée, 1854, in Boisduval & Guenée, *Hist. nat. Insectes (Spec. gén. Lépid.)* **8** : 146 (key), 255 (as Hydrocampidae).  
Musotiminae Meyrick, 1884, *Trans. ent. Soc. Lond.* **1884** : 286 (as Musotimididae).
- ODONTIINAE Guenée, 1854, in Boisduval & Guenée, *Hist. nat. Insectes* (Spec. gén. Lépid.) **8** : 111 (as Odontidae).  
Hercyninae Blanchard, 1840, in Castelnau, *Hist. nat. Insectes* **3** : 538 (as Hercynites).  
Dichogaminae Amsel, 1956, *Boln Ent. venez.* **10** (1 + 2) : 278 (as Dichogamini).  
Noordinae Minet, 1980, *Bull. Soc. ent. Fr.* **85** : 79.  
Cathariinae Minet, 1982, *ibidem* **86** : 270.
- PEORIINAE Hulst, 1890, *Trans. Am. ent. Soc.* **17** : 102, 114 (key), 203.  
Hypsotropinae Hampson, 1918, *Proc. zool. Soc. Lond.* **1918** : 55.
- PHYCITINAE Zeller, 1839, *Isis Oken*, Leipzig **1839** : 169, 175 (as Phycideen). 1848, *ibidem*, 1848 : 584 (as Phycidae).  
Anerastiinae Ragonot, 1885, *Entomologist's mon. Mag.* **22** : 23 (as Anerastinae).
- PYRALINAE Latreille, 1809, *Genera Crust. Insect.* **4** : 192, 228 (as Pyralites).  
Cledeobiinae Blanchard, 1840, in Castelnau, *Hist. nat. Insectes* **3** : 539 (as Cleodobites).  
Aglossinae Blanchard, 1840, in Castelnau, *Hist. nat. Insectes* **3** : 539 (as Aglossites).  
Asopiinae Guenée, 1854, in Boisduval & Guenée, *Hist. nat. Insectes* (Spec. gén. Lépid.) **8** 146 (key), 186 (as Asopidae).  
Homalochroinae Lederer, 1863, *Wien. ent. Monatschr.* **7** : 332 (as Homalochroidae).  
Endotrichinae Ragonot, 1890, *Annl's Soc. ent. Fr.* (6) **10** (Bull.) : xcii.

- Hypotiinae Janse, 1917, *Check-List S. Afr. Lepid. Heterocera* : 156 (as Hypotianae).
- PYRAUSTINAE Meyrick, 1890, *Trans. ent. Soc. Lond.* **1890** : 436 (as Pyraustidae).
- Botyinae Blanchard, 1840, in Castelnau, *Hist. nat. Insectes* **3** : 538 (as Botydes), 541 (as Botytes).
- Ennychiinae Duponchel, [1845] 1844, *Cat. méth. Lépid. Eur.* : 196 (as Ennychites).
- Steniinae Guenée, 1854, in Boisduval & Guenée, *Hist. nat. Insectes* (Spec. gén. Lépid.) **8** : 146 (key), 232 (as Steniadae).
- Spilomelinae Guenee, 1854, *ibidem* **8** : 146 (key), 277 (as Spilomelidae).
- Margarodinae Guenee, 1854, *ibidem* **8** : 146 (key), 286 (as Margarodidae).
- Margaroniinae Swinhoe & Cotes, 1889, in Cotes & Swinhoe, *Cat. Moths India* (5) : 613 (as Margaronidae).
- Hapaliinae Swinhoe, 1890, *Trans. ent. Soc. Lond.* **1890** : 268 (as Hapaliadae).
- Agroterinae Acloque, 1897, *Faune de France* **3** : 345 (as Agroteridi).
- Hymeniinae Swinhoe, 1900, *Cat. Lepid. Heterocera Colln Oxf. Univ. Mus.* **2** : 452.
- Dichocrociinae Swinhoe, 1900, *ibidem* **2** : 478.
- Syleptinae Swinhoe, 1900, *ibidem* **2** : 488.
- Siginae Hampson, 1918, *Novit. zool.* **25** : 386.
- Euclastinae Popescu-Gorj, 1977, *Trav. Mus. Hist. nat. "Gr. Antipa"* **18** : 161.
- SCHOENOBIINAE Duponchel, [1846] 1844, *Cat. méth. Lépid. Eur.* : 311 (as Schoenobidae).
- SCOPARIINAE Guenée, 1854, in Boisduval & Guenée, *Hist. nat. Insectes* (Spec. gén. Lépid.) **8** : 412 (as Scoparidae)
- Heliothelinae Amsel, 1961, *Ark. Zool.* (2) **13** : 438 (as Heliothelini).
- THYRIDIDAE Herrich-Schäffer, 1846, *Syst. Bearbeitung Schmett. Eur.* **2** : 81 (as Thyridides).
- Siculidae Guenée, 1858, in Boisduval & Guenée, *Hist. nat. Insectes* (Spec. gén. Lépid.) **10** (Atlas) : Explication des planches, Siculides pl. (as Siculides).
- TINEODIDAE Meyrick, 1885, *Trans. ent. Soc. Lond.* **1885** : 422.

#### COMPARATIVE TABLE OF PYRALOIDEA CLASSIFICATION

Meyrick 1884; 1882; 1886; 1890	Munroe 1958; 1959; 1970; 1971	Common 1970	Brock 1971	Karsholt 1976
<u>PYRALIDINA</u>	<u>PYRALOIDEA</u>	<u>PYRALOIDEA</u>	<u>PYRALOIDEA</u>	<u>PYRALOIDEA</u>
GALLERIADAE	)			
EPIPASCHIADAE	)			
PYRALIDIDAE	)			
PHYCITIDAE	)			
CRAMBIDAE	) PYRALIDAE	PYRALIDAE	PYRALIDAE	PYRALIDAE
HYDROCAMPIDAE	)			
MUSOTIMIDAE	)			
SCOPARIADAE	)			
PYRAUSTIDAE	)			
OXYCHIROTIDAE		OXYCHIROTIDAE	OXYCHIROTIDAE	
TINEODIDAE		TINEODIDAE	-	
SICULODIDAE	THYRIDIDAE	THYRIDIDAE	THYRIDIDAE	
-	HYBLAEIDAE	HYBLAEIDAE	-	
-				
		<u>PTEROPHOROIDEA</u>		<u>PTEROPHOROIDEA</u>
PTEROPHORIDAE	PTEROPHORIDAE	PTEROPHORIDAE	PTEROPHORIDAE	PTEROPHORIDAE
-	-	-	-	-
	<u>MICROLEPID</u>	<u>COPROMORPHOIDEA</u>		<u>ALUCITIDAE</u>
ALUCITIDAE	ALUCITIDAE	ALUCITIDAE	ALUCITIDAE	ALUCITIDAE
-	-	-	-	-

#### COMPARATIVE TABLE OF PYRALIDAE CLASSIFICATION

Meyrick 1884; 1882; 1886; 1890	Hampson 1896	Hasenfuss 1960	Hannemann 1964	Munroe 1958; 1959
<u>PYRALIDINA</u>	<u>PYRALIDAE</u>	<u>PYRALIDAE</u>	<u>PYRALOIDEA</u>	<u>PYRALIDAE</u>
		Pyralinae		
GALLERIADAE	Gallerinae	Gallerini	<u>GALLERIDAE</u>	Gallerinae
EPIPASCHIADAE	Epipaschiinae	-	-	Epipaschiinae



-	Chrysauginae	-	=	Chrysaugi
			PYRALIDAE	
	( Pyralinae	) Pyralini	) Pyralinae	) Pyralinae
PYRALIDIDAE	( Endotrichinae	)	) Endotrichinae	)
	( -	Hypotini	-	)
			PHYCITIDAE	
PHYCITIDAE	Phycitinae	) Phycitini	Phycitinae	Phycitinae
	“Aneerastiinae” [Peoriinae]	)	“Anerastiinae” [Peoriinae]	Peoriinae
CRAMBIDAE		Crambinae	CRAMBIDAE	
	Crambinae	Crambini		Crambinae
				Ancylomi
-	-	-	-	Midilinae
			) ACENTROPIDAE	
			) PYRAUSTIDAE	
HYDROCAMPINAE	Hydrocampaenae	Nymphulini	) Nymphulinae	Nymphulini
MUSOTOMIDAE	-	-	-	-
SCOPARIADAE	Scopariinae	Scopariini	Scopariinae	Scopariinae
	-	-	-	-
PYRAUSTIDAE	Schenobiinae	Schoenobiini	Schoenobiinae	Schoenobi
or	-	-	-	Cybalomi
BOTYDIDAE	-	-	-	Linostinae
				) Evergest
				) Odontina
				)
				)
				) Glaphyri
				)
	Pyraustinae	Pyraustini	Pyraustinae	) Pyraustin

## References

- BERGER, L.A. 1957. *Clé pour la détermination des familles de Macrolépidoptères et des supérieures de Microlépidoptères* (Faune Ethiopienne) Lambillionea **57**: 72-84.
- BLESZYNSKI, S. 1965. In Amsel et al., Crambinae. Microlepid. Palaearctica volume 1. Xivii \_ 552 pp., 368 text-figs. Vienna.
- BROCK, J.P. 1971. A contribution towards and understanding of the morphology and phylogeny of the Ditrysian Lepidoptera. J. nat. Hist. **5**: 29-102.
- CLENCH, H.K. 1959. On the unusual structure and affinities of the Madagascan genus *Pseudocossus* (Lepidoptera: Cossidae). Revue fr. Ent. **26**: 44-49.
- COMMON, I.F.B. 1970. In Makerras, *Insects of Australia*. Vii + 1029 pp., text-figs, 9 col. pls. Melbourne (Lepidoptera pp. 765-866).
- FLETCHER, D.S. & NYE, I.W.B. 1982. *Generic Names of Moths of the World* volume 4. xiv+ 192 pp. 1 pl. London.
- HAMPSON, G.F. 1896. *Fauna Br. India* (Moths) volume 4. Xxviii + 594 pp., 287 text-figs. London, Berlin, Bombay, Calcutta.
- HANNEMANN, H.J. 1964. In Dahl, Kleinschmetterlinge oder Microlepidoptera, 2. Die Wickler (s.l.) (Cochylidae und Carposinidae). Die Zünslerartigen (Pyraloidea). *Tierwelt Dtl.* **50**: vii + 360 pp., 366 text-figs, 22 pls. Jena.
- HASENFUSS, I. 1960. *Abh. Larvalsystematik Insekten* (Pyralidae) **5**: 1-263.
- KARSHOLT, O & NIELSEN, E.S. 1976. Syst. Fortegnelse Danmarks sommerfugle (Pyraloidea): 44-49.
- KUZNETZOV, V.I. & STEKOLNIKOV, A.A. 1979. Classification of phylogenetic relationships of the families and subfamilies of the Pyraloidea (Lepidoptera) of the palaeartic fauna with regard of functional morphology of the male genitalia. *Trudy zool. inst. Leningr.* **82**: 43-74
- LEAUT, P. 1980. *Liste syst. Syn. Lépid. Fr. Belge. Corse* (Pyraloidea): 102-116.
- MEYRICK, E. 1884. On the classification of the Pyralidina. *Trans. ent. Soc. Lond.* **1884**: 61-80, 277-350.
- MEYRICK, E. 1885. *Trans. ent. Soc. Lond.* **1885**: 421-456.
- MEYRICK, E. 1890. On the classification of the Pyralidina of the European fauna. *Trans. ent. Soc. Lond.* **1890**: 429-492.
- MINET, J. 1980. Création d'une famille particulière pour Noorda Walker, 1859, et définition d'un nouveau genre parmi les Odontiinae. *Bull. Soc. Ent Fr.* **85**: 79-87.

- MINET, J. 1982. Les Pyraloidea et leurs principales divisions systématiques. *Bull. Soc. Ent. Fr.* **86**: 262-280.
- MUNROE, E. 1958. Hampson's Schoenobiinae (Lepidoptera: Pyralidae). *Proc. 10<sup>th</sup> int. Congr. Ent.* **1**: 301-302.
- MUNROE, E. 1959. Revision of the genus *Linosta* Möschler (Lepidoptera: Pyralidae) with characterization of the subfamily Linostinae and a new subfamily [Cybalomiinae]. *Can. Ent.* **91**: 485-488.
- MUNROE, E. 1961. Synopsis of the North American Odontiinae, with descriptions of new genera and species (Lepidoptera: Pyralidae). *Can. Ent.* **24**: 1-93.
- MUNROE, E. 1970. Revision of the subfamily Midilinae (Lepidoptera: Pyralidae). *Mem. Soc. Ent. Can.* **74**: 1-94.
- MUNROE, E. In Dominick et al., Superfamily Pyraloidea. *Moths Am. N. of Mexico* **13**: (1 A): 5-14.

## Dates of some Important Publications

### **RAGONOT, E. L. 1893 [July 26]**

In Romanoff, *Mémoires sur les Lépidoptères* volume 7.

### **RAGONOT, E. L. & HAMPSON, G. F. 1901 [November 22]**

In Romanoff, *Mémoires sur les Lépidoptères* volume 8.

The title-pages of volumes 7 and 8 of the above work are dated 1893 and 1901 respectively. The earliest evidence so far discovered for the date of publication of volume 7 is provided in an account of the meeting of the Société entomologique de France held on 26 July 1893, where publication of the volume was recorded; the account was published in 1893, *Annls Soc. ent. Fr.* **62** (Bull.) : cclxxii (Dr P. Viette, pers. comm.). In the absence of evidence of an earlier date of publication, volume 7 should be dated 1893 [July 26].

A precise date of publication for volume 8 is necessary because eight generic names, published as new taxa in the volume, were made nomenclaturally available in the same year by Rebel, 1901 May, in Staudinger & Rebel, *Cat. Lepid. palaeart. Faunengeb.* **2** : 1-25. The preface to volume 8 includes on page iii an acknowledgement by Madame Marie Ragonot of the work carried out by her late husband's collaborators; the acknowledgement is dated "Paris, mai 1901". It is unlikely therefore that volume 8 antedated the Staudinger & Rebel *Catalogue*, the title-page of which is dated May 1901.

Dr I. M. Kerzhner of the Zoological Institute in Leningrad has advised us that volume 8 of Romanoff's work was received by the library of the Institute on 10 May 1902 and that publication of the volume was announced in 1902, *Naturae Novit.* **24** (May) : 275. However, the earliest evidence of publication of volume 8 so far discovered is provided by the account of the meeting of the Société of publication of volume 8 so far discovered is provided by the account of the meeting of the Société entomologique de France held on 22nd November 1901, where publication of the volume was recorded; the account was published in 1901, *Bull. Soc. ent. Fr.* **1901** (18) : 340 (Dr P. Viette, pers. comm.). In the absence of evidence of an earlier date of publication, volume 8 should be dated 1901 [November 22].

## Acknowledgements

We are grateful to those who have helped during the preparation of this catalogue, especially to Miss S. H. Halsey and to Mr Campbell Smith for the care and accuracy with which they have prepared the manuscript for computerized type-setting; to the late Dr S. Bleszynski, Cracow, whose catalogue of the Pyralidae Crambinae has been extensively used; to Dr J. Shaffer, Fairfax, Virginia, for his help with the Pyralidae Peoriinae; to Mr M. Shaffer, BMNH, for his ever generous help; and to Dr P. E. S. Whalley, BMNH, whose catalogues of the Thyrididae, of the Pyralidae Galleriinae, and Pyralidae Phycitinae have been extensively used and whose advice has always been freely given. Our thanks are extended also to Mrs S. D. M. Knapp for typing much of the original data, and to our librarian, Miss P. Gilbert, who has been ever helpful.

We should like to thank also Dr V. O. Becker, Planaltina, Brazil; Dr I. F. B. Common, Canberra; Dr D. C. Ferguson, Washington; Dr B. Gustaffson, Stockholm; Dr H. J. Hannemann, Berlin; Dr H. Inoue, Iruma City, Japan; Mr I. Lansbury, Oxford; Mons. P. Leraut, Paris; Dr A. Lewvanich, Bangkok; Mons. G. Luquet, Paris; Dr J. Minet, Paris; Dr E. Munroe, Ottawa; Dr U. Roesler, Karlsruhe; and Dr P. Viette, Paris.

